



February 24, 2025

Municipality of West Grey  
402813 Grey Rd 4  
RR#2  
Durham, ON  
N0G 1R0

**Attention: Geoff Aitken, Manager of Public Works**

**RE: Durham Wastewater System  
2024 Annual Report**

The 2024 Annual Summary Report for the Durham Wastewater Treatment Facility is enclosed. The report is prepared in accordance with Certificate of Approval Sewage Number 9287-6GTGYS annual report criteria and contains the following required components:

- A summary and interpretation of all monitoring data and a comparison to C of A effluent limits, including an overview of the success and adequacy of the works;
- A description of any operating problems encountered and corrective actions taken;
- A summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming a part of the works;
- A summary of any effluent quality assurance or control measures undertaken in the reporting period;
- A summary of the calibration and maintenance carried out on all effluent monitoring equipment;
- A description of efforts made and results achieved in meeting the effluent objectives;
- A tabulation of the volume of sludge generated in the reporting period, an outline of anticipated volumes to be generated in the next reporting period and a summary of the locations to where the sludge was disposed;
- A summary of any complaints received during the reporting period and any steps taken to address the complaints; and
- A summary of all bypass, overflow, spill or abnormal discharge events.

On behalf of the municipality, a copy of this report is being sent to the MECP – Owen Sound District Office. If you have any questions, please direct your comments or concerns to the undersigned.

Sincerely,

Scott Gowan  
Project Manager  
Veolia Water Canada Inc.



## 1. Summary and Interpretation of Monitoring Data

The 2024 annual average daily flow was 0.643 MLD (643 m<sup>3</sup>/d) and represents approximately 29% of the design capacity for the treatment facility (2,184 m<sup>3</sup>/day or 2.184 ML/d). This is a decrease of 4% from the 2023 flow rate (0.716 MLD). It is very close to the five year historical daily average (699 m<sup>3</sup>/d). The maximum daily flow was recorded as 1.097 ML, which occurred on April 14. The high flows were due to precipitation and snowmelt from mild temperatures.

The monthly monitoring data and analytical data are summarized in the monthly wastewater reports (R forms) for January to December 2024 (attached). The quarterly required Federal Reports and the 2024 Annual Compliance Summary are also attached. A table showing the effluent parameter limits in comparison with plant concentrations is as follows:

Effluent Parameter	Annual Average Concentration mg/L	Concentration Limit mg/L	Annual Average Loading kg/d	Loading Limit kg/d
CBOD <sub>5</sub>	4.0	25	2.6	54.6
Suspended Solids	3.8	25	2.5	54.6
Total Ammonia Nitrogen				
Jan 1-May 14	0.12	10	0.08	21.8
May 15-Oct 15	0.20	8	0.12	17.5
Oct 16-Dec 31	0.06	10	0.17	21.8
Total Phosphorus	0.43	1.0	0.28	2.2
Total Chlorine Residual*	0.00	0.20	n/a	-

\* no longer disinfecting with chlorine. UV system installed in 2018

## 2. Monitoring Schedule

In 2024 every effort was made to collect monthly raw samples on the first Wednesday of each month.

## 3. Operational Problems

There were no significant Operating Problems in 2024, however there are some areas that could be improved. The Aeration basin is large, but struggles to generate typical Dissolved Oxygen levels.

Plans are also in progress to improve Bio solids capacity. (A trial has been commenced utilizing Geo-tubes)

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#### **4. Maintenance Summary**

- Effluent Flow meter calibrations were conducted in Q2
- Annual Diesel Generator Maintenance, and Bi-Annual Load Test was Performed
- Aerator blades cleaned manually on a monthly basis
- Bar screens raked biweekly
- Backflush raw sewage pumps as needed
- Regular maintenance on the UV system. Bulbs replaced as needed
- Sludge waste pump repaired and reinstalled

#### **5. Effluent Quality Assurance/Quality Control**

The effluent sample is a 24-hour composite sample taken by an autosampler.

On a monthly basis, influent (raw) samples were sent to SGS Laboratories (SGS) for total suspended solids (TSS), biochemical oxygen demand (BOD<sub>5</sub>), TKN and total phosphorus (TP).

On a monthly basis (minimum) effluent samples were sent to SGS for BOD, TSS, TP, total ammonia, nitrite, nitrate and E. coli. The operator also conducts in-house Mixed Liquor Suspended Solids, Final Clarifier Sludge Depths, DO, pH and temperature analysis and records the results on the facility's operations sheet.

Veolia also requires some VSS and COD sampling on raw and final samples

#### **6. Calibration/Maintenance Procedures**

In order to ensure proper plant operation and avoid possible environmental problems, the alarm dial-out system is tested regularly.

All probes and sensors used in the process are cleaned, maintained and/or calibrated on an as-required basis.

SGS Laboratories is used for the required analytical chemical and biological testing of influent (raw) and effluent from the wastewater treatment facility.

#### **7. Effluent Objectives**

The annual compliance table can be found on page 4 of this document and includes comparisons to Objective concentrations identified in the ECA.

The effluent pH was maintained between 6.5 and 9.0 at all times.

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## **8. Sludge Management**

Waste activated sludge is pumped to either of two on-site aerobic holding tanks. The sludge is thickened on-site and hauled directly to Lystek by a licensed hauler.

The total volume of sludge transferred from the WWTP in 2024 was approximately 3,119m<sup>3</sup> which decreased from 2023 of 3,685m<sup>3</sup>. Typically anywhere from 160m<sup>3</sup> to 250m<sup>3</sup> is removed each month. However, in preparation for stress testing an effort was made to reduce solids which resulted in increased sludge wasting and sludge haulage. Sludge sampling and analysis is conducted by the hauler.

## **9. Complaints Summary**

No complaints were received.

## **10. Summary of By-pass, Overflows, Spills or Abnormal Events**

There were no bypasses, Spills, Overflows, or Abnormal events in 2024

## **11. Modifications to Sewage Works**

There were no significant modifications to the Sewage Works

## **12. System Conformance to Procedure F-5-1**

System complied with all system criteria in 2024.

No other system changes were implemented after the new ECA was made effective in June 2018

## **13. Updates to Proposed Works**

There were no significant updates to the proposed works

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Municipality of West Grey  
**Durham Wastewater Treatment Plant**

2024	FLOWS, m³			BOD/CBOD5			TSS			TOTAL PHOS			TKN	Ammonia		Nitrate	pH		E Coli
Month	Total Flow	Avg Day, m³	Max Day, m³	Raw BOD mg/L	Final CBOD mg/L	CBOD Loading kg/d	Raw TSS mg/L	Final TSS mg/L	TSS Loading kg/d	Raw Total P mg/L	Final Total P mg/L	Total P Loading kg/d	Raw mg/L	Final mg/L	Final NH3 Loading	Final mg/L	min	max	Geomean cnts/100 mL
1	19,637	633	787	394.0	4.0	2.5	302.0	2.0	1.3	6.52	0.27	0.17	53.8	0.10	0.06	0.17	7.19	8.18	3
2	19,087	658	732	351.0	4.0	2.6	368.0	6.0	3.9	5.38	0.32	0.21	41.0	0.10	0.07	0.21	7.08	7.37	20
3	20,625	665	763	277.0	4.0	2.7	413.0	4.0	2.7	3.00	0.34	0.23	26.3	0.20	0.13	0.23	7.16	7.27	13
4	25,262	842	1,097	352.0	4.0	3.4	779.0	4.0	3.4	10.70	0.36	0.30	78.8	0.10	0.08	0.30	7.29	7.51	2
5	21,963	708	858	325.0	4.0	2.8	295.0	5.0	3.5	4.66	0.63	0.45	40.7	0.10	0.07	0.45	7.24	7.39	9
6	18,942	631	777	371.0	4.0	2.5	239.0	3.0	1.9	6.90	0.63	0.40	50.7	0.60	0.38	0.40	7.29	7.39	3
7	19,655	634	988	615.0	4.0	2.5	292.0	3.0	1.9	8.34	0.69	0.44	67.2	0.10	0.06	0.44	7.34	7.47	1
8	18,808	607	822	560.0	4.0	2.4	290.0	2.0	1.2	11.20	0.69	0.42	66.1	0.10	0.06	0.42	7.38	7.58	1
9	17,249	575	710	147.0	4.0	2.3	316.0	3.0	1.7	8.76	0.16	0.09	78.6	0.10	0.06	0.09	7.34	7.40	1
10	17,250	556	751	298.0	4.0	2.2	252.0	4.0	2.2	7.15	0.52	0.29	61.6	0.10	0.06	0.29	7.01	7.41	1
11	17,082	569	723	328.0	4.0	2.3	252.0	3.0	1.7	5.82	0.34	0.19	48.8	0.10	0.06	0.19	7.28	7.43	1
12	19,733	637	885	580.0	4.0	2.5	314.0	7.0	4.5	6.44	0.23	0.15	46.1	0.10	0.06	0.15	7.31	7.44	1
Average	19,608	643		383.2	4.0	2.6	342.7	3.8	2.5	7.07	0.43	0.28		0.15	0.10	0.28			
Total	235,293																		
C of A Limit		2,184			25.0	54.6		25.0	54.6		1.0	2.2		8.0	10.0	17.5	6.0	9.5	
Objective					15.0	32.8		15.0	32.8		1.0	2.2		6.0	6.0	13.1	6.5	9.0	200.0
Compliance		YES			YES	YES		YES	YES		YES	YES		YES	YES	YES	YES		



## Effluent Regulatory Reporting Information System

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## Monitoring Report

### Wastewater System Summary

Owner:	The Corporation of the Municipality of West Grey		
Wastewater System:	Durham WWTP		
Approval State:	Approved		
Reporting Year:	2024	Reporting Period:	January To March
System Type:	Continuous	Average daily effluent volume (m <sup>3</sup> ) based on volumes from the previous year:	712.5
Reporting Frequency:	Quarterly	Averaging Period:	Quarterly

### Effluent Monitoring Data

Was effluent deposited in this reporting period? (required): Yes

For each month indicated, was effluent deposited? (required):

January: Yes February: Yes March: Yes

	Number of days that effluent was deposited	Total volume of effluent deposited (m <sup>3</sup> )	Average CBOD (mg/L)	Average concentration of suspended solids (mg/L)
Limit			25mg/L	25mg/L
Reporting Period				
January To March	91	59349.0	4.0	4.0

### Acute Lethality Test Results

Does your wastewater system have Acute Lethality test sample(s) to report in this reporting period? (required) No

Sample Date (YYYY/MM/DD)	Procedure(s) Used	Was sample acutely lethal?	Action
	EPS 1/RM/13	EPS 1/RM/50	
	Select	Select	Select
			Delete

Add Test Result



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## Monitoring Report

### Wastewater System Summary

Owner:	The Corporation of the Municipality of West Grey		
Wastewater System:	Durham WWTP		
Approval State:	Approved		
Reporting Year:	2024	Reporting Period:	April To June
System Type:	Continuous	Average daily effluent volume (m³) based on volumes from the previous year:	712.5
Reporting Frequency:	Quarterly	Averaging Period:	Quarterly

### Effluent Monitoring Data

Was effluent deposited in this reporting period? **(required)**: Yes ▾

For each month indicated, was effluent deposited? **(required)**:

April: Yes ▾ May: Yes ▾ June: Yes ▾

	Number of days that effluent was deposited	Total volume of effluent deposited (m³)	Average CBOD (mg/L)	Average concentration of suspended solids (mg/L)
<b>Limit</b>			25mg/L	25mg/L
<b>Reporting Period</b>				
April To June	91	66167.0	4.0	4.0

### Acute Lethality Test Results <sup>?</sup>

Does your wastewater system have Acute Lethality test sample(s) to report in this reporting period? **(required)** <sup>?</sup> No ▾

Sample Date (YYYY/MM/DD)	Procedure(s) Used <sup>?</sup>		Was sample acutely lethal?	Action
	EPS 1/RM/13	EPS 1/RM/50		
	Select ▾	Select ▾	Select ▾	Delete

Add Test Result



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## Monitoring Report

### Wastewater System Summary

Owner:	The Corporation of the Municipality of West Grey		
Wastewater System:	Durham WWTP		
Approval State:	Approved		
Reporting Year:	2024	Reporting Period:	July To September
System Type:	Continuous	Average daily effluent volume (m <sup>3</sup> ) based on volumes from the previous year:	712.5
Reporting Frequency:	Quarterly	Averaging Period:	Quarterly

### Effluent Monitoring Data

Was effluent deposited in this reporting period? (required):

For each month indicated, was effluent deposited? (required):

July:  August:  September:

	Number of days that effluent was deposited	Total volume of effluent deposited (m <sup>3</sup> )	Average CBOD (mg/L)	Average concentration of suspended solids (mg/L)
Limit			25mg/L	25mg/L
Reporting Period				
July To September	92	55712.0	4.0	2.7

### Acute Lethality Test Results

Does your wastewater system have Acute Lethality test sample(s) to report in this reporting period? (required) No

Sample Date (YYYY/MM/DD)	Procedure(s) Used		Was sample acutely lethal?	Action
	EPS 1/RM/13	EPS 1/RM/50		
<input type="text"/>	<input type="button" value="Select"/>	<input type="button" value="Select"/>	<input type="button" value="Select"/>	<input type="button" value="Delete"/>

Add Test Result





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## Monitoring Report

### Wastewater System Summary

Owner:	The Corporation of the Municipality of West Grey		
Wastewater System:	Durham WWTP		
Approval State:	Approved		
Reporting Year:	2024	Reporting Period:	October To December
System Type:	Continuous	Average daily effluent volume (m <sup>3</sup> ) based on volumes from the previous year:	712.5
Reporting Frequency:	Quarterly	Averaging Period:	Quarterly

### Effluent Monitoring Data

Was effluent deposited in this reporting period? (required):

For each month indicated, was effluent deposited? (required):

October:

November:

December:

	Number of days that effluent was deposited	Total volume of effluent deposited (m <sup>3</sup> )	Average CBOD (mg/L)	Average concentration of suspended solids (mg/L)
Limit			25mg/L	25mg/L
Reporting Period				
October To December	92	54065.0	4.0	4.7

### Acute Lethality Test Results

Does your wastewater system have Acute Lethality test sample(s) to report in this reporting period? (required)

Sample Date (YYYY/MM/DD)	Procedure(s) Used		Was sample acutely lethal?	Action
	EPS 1/RM/13	EPS 1/RM/50		
<input type="text"/>	<input type="button" value="Select"/>	<input type="button" value="Select"/>	<input type="button" value="Select"/>	<input type="button" value="Delete"/>
<input type="button" value="Add Test Result"/>				

Fields marked with an asterisk (\*) are mandatory.

Project Name  
Durham WWTP

**Facility Address**

Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	
Municipality/City/Town		Province	Postal Code
Durham (Municipality of West Grey)		ON - Ontario	
Operating Authority			
Veolia Water Canada Inc.			

**Mailing Address**

Unit Number	Street Number	Street Name	PO Box
1450	555	Rene-Levesque Blvd West	
Municipality/City/Town		Province	Postal Code
Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *	Data Period *	Days	Discharge Type	Update Code
4 6	1 1 0 0 0 0 9 9 9	Month Year 0 1 2 0 2 4	3 1	2	R
1 2	3 11	16 19	20 21	22	80

C.P.					
0 1	Flows				
12 13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	Parameter Code	Dec.	Monthly Results
	Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50010	3	19.637
	Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.633
			50020	3	0.787
			30 34	35	38
2 6	Bypass				# of Occurrences
12 13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0
	Duration	(hours)	80563	1	
	Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3	
	Duration	(hours)	80565	1	
			30 34	35	38
0 3	Raw Sewage				# of Samples
12 13	BOD <sub>5</sub>	(mg/L)	00001	0	394
	Suspended Solids	(mg/L)	00006	0	302
	TKN	(mg/L)	00020	2	53.80
	Total Phosphorus	(mg/L)	00033	1	6.5
			30 34	35	38
0 4	Final Effluent				
12 13	BOD <sub>5</sub>	(mg/L)	00001	1	
	CBOD <sub>5</sub>	(mg/L)	00002	1	4.0
	Suspended Solids	(mg/L)	00006	1	2.0
	Ammonia + Ammonium	(mg/L)	00019	2	0.10
	TKN	(mg/L)	00020	2	
	Total Phosphorus	(mg/L)	00033	2	0.27
			30 34	35	38
0 7	Disinfection				
12 13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1	
	Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1	
	Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1	
			30 34	35	38

Operator Telephone Number  
519-369-6655

Operator Email Address \*  
fei.xue@veolia.com

Comments

**Return completed form to:**

- Environmental Monitoring and Reporting Branch, MECP, at [WasteWaterReporting@ontario.ca](mailto:WasteWaterReporting@ontario.ca) And
- Your Environmental Officer at your local District/Area MECP Office.

Ministry Contact Email Address \*  
[matthew.shannon@ontario.ca](mailto:matthew.shannon@ontario.ca)

Project Name  
Durham WWTP

### Facility Address

Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	

Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
Veolia Water Canada Inc.

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1450	555	Rene-Levesque Blvd West	

Municipality/City/Town	Province	Postal Code
Montreal	QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days		Discharge Type	Update Code			
4 6	1	1	0	0	0	0	9	9	9	Month	Year			3	1	2	R		
1 2	3								11	0	1	2	0	2	4	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	3.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.5400	5
		Temperature, Water (°C)	80250	4	6.1000	5
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			17.0000	1

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File No.	Works Number *	Data Period *	Days	Discharge Type	Update Code
4 6	1 1 0 0 0 0 9 9 9	Month Year 0 2 2 0 2 4	2 9	2	R
1 2	3 11	16 19	20 21	22	80

C.P.	0 1	Flows	Parameter Code	Dec.	Monthly Results
12 13		Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	19.087
		Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.658
		Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.732
			30 34	35	38
2 6		Bypass			# of Occurrences
12 13		Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50026	3	0
		Duration (hours)	80563	1	
		Secondary Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50040	3	
		Duration (hours)	80565	1	
			30 34	35	38
0 3		Raw Sewage			# of Samples
12 13		BOD <sub>5</sub> (mg/L)	00001	0	351
		Suspended Solids (mg/L)	00006	0	368
		TKN (mg/L)	00020	2	41.00
		Total Phosphorus (mg/L)	00033	1	5.4
			30 34	35	38
0 4		Final Effluent			
12 13		BOD <sub>5</sub> (mg/L)	00001	1	
		CBOD <sub>5</sub> (mg/L)	00002	1	4.0
		Suspended Solids (mg/L)	00006	1	6.0
		Ammonia + Ammonium (mg/L)	00019	2	0.10
		TKN (mg/L)	00020	2	
		Total Phosphorus (mg/L)	00033	2	0.32
			30 34	35	38
0 7		Disinfection			
12 13		Chlorine Used (kg as Cl <sub>2</sub> )	50100	1	
		Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1	
		Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1	
			30 34	35	38

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Municipality/City/Town Montreal	Province QC - Quebec	Postal Code H2Z 1B1
------------------------------------	-------------------------	------------------------

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
									Month	Year									
4 6	1	1	0	0	0	0	9	9	9	0	2	2	0	2	4	2	9	2	R
1 2	3								11	16					19	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	20.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.2200	4
		Temperature, Water (°C)	80250	4	8.1200	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			15.0000	1

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Fields marked with an asterisk (\*) are mandatory.

Project Name  
Durham WWTP

**Facility Address**

Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	
Municipality/City/Town		Province	Postal Code
Durham (Municipality of West Grey)		ON - Ontario	
Operating Authority			
Veolia Water Canada Inc.			

**Mailing Address**

Unit Number	Street Number	Street Name	PO Box
1450	555	Rene-Levesque Blvd West	
Municipality/City/Town		Province	Postal Code
Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
4 6	1	1	0	0	0	0	9	9	9	0	3	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

C.P.		0 1		<b>Flows</b>		Parameter Code		Dec.	Monthly Results	
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	20.625				
	Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.665					
	Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.763					
				30	34	35	38			
2 6		<b>Bypass</b>				# of Occurrences				
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0				
	Duration	(hours)	80563	1						
	Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3						
	Duration	(hours)	80565	1						
				30	34	35	38			
0 3		<b>Raw Sewage</b>				# of Samples				
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	277	1			
	Suspended Solids	(mg/L)	00006	0	413	1				
	TKN	(mg/L)	00020	2	26.30	1				
	Total Phosphorus	(mg/L)	00033	1	3.0	1				
				30	34	35	38			
0 4		<b>Final Effluent</b>								
12	13	BOD <sub>5</sub>	(mg/L)	00001	1					
	CBOD <sub>5</sub>	(mg/L)	00002	1	4.0	1				
	Suspended Solids	(mg/L)	00006	1	4.0	1				
	Ammonia + Ammonium	(mg/L)	00019	2	0.20	1				
	TKN	(mg/L)	00020	2						
	Total Phosphorus	(mg/L)	00033	2	0.34	1				
				30	34	35	38			
0 7		<b>Disinfection</b>								
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1					
	Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1						
	Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1						
				30	34	35	38			

Operator Telephone Number  
519-369-6655

Operator Email Address \*  
fei.xue@veolia.com

Comments

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Project Name  
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Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	

Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
Veolia Water Canada Inc.

### Mailing Address

Unit Number 1450	Street Number 555	Street Name Rene-Levesque Blvd West	PO Box
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Municipality/City/Town	Province	Postal Code
Montreal	QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days		Discharge Type	Update Code			
4 6	1	1	0	0	0	0	9	9	9	Month	Year			3	1	2	R		
1 2	3								11	0	3	2	0	2	4	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	13.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.2100	4
		Temperature, Water (°C)	80250	4	8.4500	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			30.0000	1

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Municipality/City/Town		Province	Postal Code
Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *	Data Period *	Days	Discharge Type	Update Code
4 6	1 1 0 0 0 0 9 9 9	Month Year 0 4 2 0 2 4	3 0	2	R
1 2	3 11	16 19	20 21	22	80

C.P.	0 1	Flows	Parameter Code	Dec.	Monthly Results
12 13		Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	25.262
		Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.842
		Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	1.097
			30 34	35	38
2 6		Bypass			# of Occurrences
12 13		Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50026	3	0
		Duration (hours)	80563	1	
		Secondary Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50040	3	
		Duration (hours)	80565	1	
			30 34	35	38
0 3		Raw Sewage			# of Samples
12 13		BOD <sub>5</sub> (mg/L)	00001	0	352
		Suspended Solids (mg/L)	00006	0	779
		TKN (mg/L)	00020	2	78.80
		Total Phosphorus (mg/L)	00033	1	10.7
			30 34	35	38
0 4		Final Effluent			
12 13		BOD <sub>5</sub> (mg/L)	00001	1	
		CBOD <sub>5</sub> (mg/L)	00002	1	4.0
		Suspended Solids (mg/L)	00006	1	4.0
		Ammonia + Ammonium (mg/L)	00019	2	0.10
		TKN (mg/L)	00020	2	
		Total Phosphorus (mg/L)	00033	2	0.36
			30 34	35	38
0 7		Disinfection			
12 13		Chlorine Used (kg as Cl <sub>2</sub> )	50100	1	
		Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1	
		Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1	
			30 34	35	38

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Project Name  
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Unit Number	Street Number 455	Street Name Saddler St W	PO Box
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Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
Veolia Water Canada Inc.

### Mailing Address

Unit Number 1450	Street Number 555	Street Name Rene-Levesque Blvd West	PO Box
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Municipality/City/Town Montreal	Province QC - Quebec	Postal Code H2Z 1B1
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File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
									Month	Year									
4 6	1	1	0	0	0	0	9	9	9	0	4	2	0	2	4	3	0	2	R
1 2	3								11	16					19	20	21	22	80

C.P.						
		Raw Sewage	Parameter Code	Dec	Monthly Average Results	# of Samples
0 12	3 13	Total COD (mg/L)		2	550.00	1
		Volatile Suspended Solids (mg/L)		2	371.00	1
		30	34	35	38	

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	2.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.4000	4
		Temperature, Water (°C)	80250	4	11.2000	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			18.0000	1

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Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
4 6	1	1	0	0	0	0	9	9	9	0	5	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

C.P.		0 1		<b>Flows</b>		Parameter Code		Dec.	Monthly Results	
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	21.963				
	Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.708					
	Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.858					
2 6		<b>Bypass</b>		# of Occurrences						
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0				
	Duration	(hours)	80563	1						
	Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3						
	Duration	(hours)	80565	1						
0 3		<b>Raw Sewage</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	325				
	Suspended Solids	(mg/L)	00006	0	295					
	TKN	(mg/L)	00020	2	40.70					
	Total Phosphorus	(mg/L)	00033	1	4.7					
0 4		<b>Final Effluent</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	1					
	CBOD <sub>5</sub>	(mg/L)	00002	1	4.0					
	Suspended Solids	(mg/L)	00006	1	5.0					
	Ammonia + Ammonium	(mg/L)	00019	2	0.10					
	TKN	(mg/L)	00020	2						
	Total Phosphorus	(mg/L)	00033	2	0.63					
0 7		<b>Disinfection</b>		# of Samples						
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1					
	Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1						
	Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1						

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Project Name  
Durham WWTP

### Facility Address

Unit Number	Street Number 455	Street Name Saddler St W	PO Box
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Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
Veolia Water Canada Inc.

### Mailing Address

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Municipality/City/Town Montreal	Province QC - Quebec	Postal Code H2Z 1B1
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File No.	Works Number *								Data Period *				Days		Discharge Type	Update Code			
4 6	1	1	0	0	0	0	9	9	9	Month	Year								
										0	5	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	9.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.3300	5
		Temperature, Water (°C)	80250	4	14.2400	5
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			19.0000	1

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Project Name  
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	455	Saddler St W	
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1450	555	Rene-Levesque Blvd West	
Municipality/City/Town		Province	Postal Code
Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
4 6	1	1	0	0	0	0	9	9	9	0	6	2	0	2	4	3	0	2	R
1 2	3								11	16					19	20	21	22	80

C.P.		0 1		<b>Flows</b>		Parameter Code		Dec.	Monthly Results	
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	18.942				
	Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.631					
	Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.777					
2 6		<b>Bypass</b>		# of Occurrences						
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0				
	Duration	(hours)	80563	1						
	Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3						
	Duration	(hours)	80565	1						
0 3		<b>Raw Sewage</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	371				
	Suspended Solids	(mg/L)	00006	0	239					
	TKN	(mg/L)	00020	2	50.70					
	Total Phosphorus	(mg/L)	00033	1	6.9					
0 4		<b>Final Effluent</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	1					
	CBOD <sub>5</sub>	(mg/L)	00002	1	4.0					
	Suspended Solids	(mg/L)	00006	1	3.0					
	Ammonia + Ammonium	(mg/L)	00019	2	0.60					
	TKN	(mg/L)	00020	2						
	Total Phosphorus	(mg/L)	00033	2	0.63					
0 7		<b>Disinfection</b>		# of Samples						
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1					
	Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1						
	Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1						

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1450	555	Rene-Levesque Blvd West	

Municipality/City/Town	Province	Postal Code
Montreal	QC - Quebec	H2Z 1B1

File No.	Works Number *	Data Period *	Days	Discharge Type	Update Code
		Month   Year			
4 6	1 1 0 0 0 0 9 9 9	0 6   2 0 2 4	3 0	2	R
1 2	3 11	16 19	20 21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	3.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.3500	4
		Temperature, Water (°C)	80250	4	17.8200	4
		Un-ionized Ammonia (mg/L)	91012	4		
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			19.0000	1

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Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
4 6	1	1	0	0	0	0	9	9	9	0	7	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

C.P.															
0 1	<b>Flows</b>														
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	Parameter Code	Dec.	Monthly Results									
				50010	3	19.655									
		Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.634									
		Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.988									
				30	34	35	38								
2 6	<b>Bypass</b>														
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3										# of Occurrences
		Duration	(hours)	80563	1										0
		Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3										
		Duration	(hours)	80565	1										
				30	34	35	38								
0 3	<b>Raw Sewage</b>														
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	615									# of Samples
		Suspended Solids	(mg/L)	00006	0	292									1
		TKN	(mg/L)	00020	2	67.20									1
		Total Phosphorus	(mg/L)	00033	1	8.3									1
				30	34	35	38								
0 4	<b>Final Effluent</b>														
12	13	BOD <sub>5</sub>	(mg/L)	00001	1										
		CBOD <sub>5</sub>	(mg/L)	00002	1	4.0									1
		Suspended Solids	(mg/L)	00006	1	3.0									1
		Ammonia + Ammonium	(mg/L)	00019	2	0.10									1
		TKN	(mg/L)	00020	2										0
		Total Phosphorus	(mg/L)	00033	2	0.69									1
				30	34	35	38								
0 7	<b>Disinfection</b>														
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1										
		Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1										
		Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1										
				30	34	35	38								

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Durham WWTP

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Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	

Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
Veolia Water Canada Inc.

### Mailing Address

Unit Number 1450	Street Number 555	Street Name Rene-Levesque Blvd West	PO Box
---------------------	----------------------	--	--------

Municipality/City/Town Montreal	Province QC - Quebec	Postal Code H2Z 1B1
------------------------------------	-------------------------	------------------------

File No.	Works Number *								Data Period *				Days		Discharge Type	Update Code			
4 6	1	1	0	0	0	0	9	9	9	Month	Year			3	1	2	R		
1 2	3								11	0	7	2	0	2	4	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	0.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.3900	5
		Temperature, Water (°C)	80250	4	19.4000	5
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			17.0000	1

Operator Telephone Number  
519-369-6655

Operator Email Address  
fej.xue@veolia.com

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Comments

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Project Name  
Durham WWTP

**Facility Address**

Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	
Municipality/City/Town			Province
Durham (Municipality of West Grey)			ON - Ontario
Postal Code			
Operating Authority			
Veolia Water Canada Inc.			

**Mailing Address**

Unit Number	Street Number	Street Name	PO Box
1450	555	Rene-Levesque Blvd West	
Municipality/City/Town			Province
Montreal			QC - Quebec
Postal Code			
H2Z 1B1			

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
4 6	1	1	0	0	0	0	9	9	9	0	8	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

C.P.		0 1		<b>Flows</b>		Parameter Code		Dec.	Monthly Results	
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	18.808				
	Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.607					
	Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.822					
				30	34	35	38			
2 6		<b>Bypass</b>				# of Occurrences				
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0				
	Duration	(hours)	80563	1						
	Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3						
	Duration	(hours)	80565	1						
				30	34	35	38			
0 3		<b>Raw Sewage</b>				# of Samples				
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	560	1			
	Suspended Solids	(mg/L)	00006	0	290	1				
	TKN	(mg/L)	00020	2	66.10	1				
	Total Phosphorus	(mg/L)	00033	1	11.2	1				
				30	34	35	38			
0 4		<b>Final Effluent</b>								
12	13	BOD <sub>5</sub>	(mg/L)	00001	1					
	CBOD <sub>5</sub>	(mg/L)	00002	1	4.0	1				
	Suspended Solids	(mg/L)	00006	1	2.0	1				
	Ammonia + Ammonium	(mg/L)	00019	2	0.10	1				
	TKN	(mg/L)	00020	2		0				
	Total Phosphorus	(mg/L)	00033	2	0.69	1				
				30	34	35	38			
0 7		<b>Disinfection</b>								
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1					
	Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1						
	Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1						
				30	34	35	38			

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Municipality/City/Town	Province	Postal Code
Montreal	QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days		Discharge Type	Update Code			
4 6	1	1	0	0	0	0	9	9	9	Month	Year			3	1	2	R		
1 2	3								11	0	8	2	0	2	4	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	0.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.4400	4
		Temperature, Water (°C)	80250	4	18.6500	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			15.0000	1

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1450	555	Rene-Levesque Blvd West	
Municipality/City/Town		Province	Postal Code
Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
4 6	1	1	0	0	0	0	9	9	9	0	9	2	0	2	4	3	0	2	R
1 2	3								11	16					19	20	21	22	80

C.P.		0 1		<b>Flows</b>		Parameter Code		Dec.	Monthly Results	
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	17.249				
	Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.575					
	Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.710					
2 6		<b>Bypass</b>		# of Occurrences						
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0				
	Duration	(hours)	80563	1						
	Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3						
	Duration	(hours)	80565	1						
0 3		<b>Raw Sewage</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	147				
	Suspended Solids	(mg/L)	00006	0	316					
	TKN	(mg/L)	00020	2	78.60					
	Total Phosphorus	(mg/L)	00033	1	8.8					
0 4		<b>Final Effluent</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	1					
	CBOD <sub>5</sub>	(mg/L)	00002	1	4.0					
	Suspended Solids	(mg/L)	00006	1	3.0					
	Ammonia + Ammonium	(mg/L)	00019	2	0.10					
	TKN	(mg/L)	00020	2	0					
	Total Phosphorus	(mg/L)	00033	2	0.16					
0 7		<b>Disinfection</b>		# of Samples						
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1					
	Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1						
	Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1						

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Project Name  
Durham WWTP

### Facility Address

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	455	Saddler St W	

Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
Veolia Water Canada Inc.

### Mailing Address

Unit Number 1450	Street Number 555	Street Name Rene-Levesque Blvd West	PO Box
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Municipality/City/Town	Province	Postal Code
Montreal	QC - Quebec	H2Z 1B1

File No.	Works Number *	Data Period *		Days	Discharge Type	Update Code
		Month	Year			
4 6	1 1 0 0 0 0 9 9 9	0 9	2 0 2 4	3 0	2	R
1 2	3 11	16 19	20 21	22	80	

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	0.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.3700	4
		Temperature, Water (°C)	80250	4	18.1500	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			8.0000	1

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Project Name  
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	455	Saddler St W	
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Durham (Municipality of West Grey)		ON - Ontario	
Operating Authority			
Veolia Water Canada Inc.			

**Mailing Address**

Unit Number	Street Number	Street Name	PO Box
1450	555	Rene-Levesque Blvd West	
Municipality/City/Town		Province	Postal Code
Montreal		QC - Quebec	H2Z 1B1

File No.	Works Number *								Data Period *				Days	Discharge Type	Update Code				
4 6	1	1	0	0	0	0	9	9	9	1	0	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

C.P.		0 1		<b>Flows</b>		Parameter Code		Dec.	Monthly Results	
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	17.250				
	Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.556					
	Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.751					
2 6		<b>Bypass</b>		# of Occurrences						
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0				
	Duration	(hours)	80563	1						
	Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3						
	Duration	(hours)	80565	1						
0 3		<b>Raw Sewage</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	298				
	Suspended Solids	(mg/L)	00006	0	252					
	TKN	(mg/L)	00020	2	61.60					
	Total Phosphorus	(mg/L)	00033	1	7.2					
0 4		<b>Final Effluent</b>		# of Samples						
12	13	BOD <sub>5</sub>	(mg/L)	00001	1					
	CBOD <sub>5</sub>	(mg/L)	00002	1	4.0					
	Suspended Solids	(mg/L)	00006	1	4.0					
	Ammonia + Ammonium	(mg/L)	00019	2	0.10					
	TKN	(mg/L)	00020	2	0					
	Total Phosphorus	(mg/L)	00033	2	0.52					
0 7		<b>Disinfection</b>		# of Samples						
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1					
	Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1						
	Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1						

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Project Name  
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### Facility Address

Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	

Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
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### Mailing Address

Unit Number 1450	Street Number 555	Street Name Rene-Levesque Blvd West	PO Box
---------------------	----------------------	--	--------

Municipality/City/Town Montreal	Province QC - Quebec	Postal Code H2Z 1B1
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File No.	Works Number *								Data Period *					Days		Discharge Type	Update Code		
4 6	1	1	0	0	0	0	9	9	9	Month	Year								
										1	0	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	0.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.3100	5
		Temperature, Water (°C)	80250	4	15.3600	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			17.0000	1

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Project Name  
Durham WWTP

**Facility Address**

Unit Number	Street Number 455	Street Name Saddler St W	PO Box
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Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

Unit Number 1450	Street Number 555	Street Name Rene-Levesque Blvd West	PO Box
Municipality/City/Town Montreal		Province QC - Quebec	Postal Code H2Z 1B1

File No.	Works Number *	Data Period *	Days	Discharge Type	Update Code
4 6	1 1 0 0 0 0 9 9 9	Month: 1 1 Year: 2 0 2 4	3 0	2	R
1 2	3 11	16 19	20 21	22	80

C.P.	0 1	<b>Flows</b>		Parameter Code	Dec.	Monthly Results
12 13		Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	17.082
		Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.569
		Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.723
				30 34	35	38
2 6		<b>Bypass</b>				# of Occurrences
12 13		Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50026	3	0
		Duration	(hours)	80563	1	
		Secondary Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50040	3	
		Duration	(hours)	80565	1	
				30 34	35	38
0 3		<b>Raw Sewage</b>				# of Samples
12 13		BOD <sub>5</sub>	(mg/L)	00001	0	328
		Suspended Solids	(mg/L)	00006	0	252
		TKN	(mg/L)	00020	2	48.80
		Total Phosphorus	(mg/L)	00033	1	5.8
				30 34	35	38
0 4		<b>Final Effluent</b>				
12 13		BOD <sub>5</sub>	(mg/L)	00001	1	
		CBOD <sub>5</sub>	(mg/L)	00002	1	4.0
		Suspended Solids	(mg/L)	00006	1	3.0
		Ammonia + Ammonium	(mg/L)	00019	2	0.10
		TKN	(mg/L)	00020	2	0
		Total Phosphorus	(mg/L)	00033	2	0.34
				30 34	35	38
0 7		<b>Disinfection</b>				
12 13		Chlorine Used	(kg as Cl <sub>2</sub> )	50100	1	
		Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1	
		Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1	
				30 34	35	38

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Municipality/City/Town	Province	Postal Code
Montreal	QC - Quebec	H2Z 1B1

File No.	Works Number *	Data Period *	Days	Discharge Type	Update Code
		Month   Year			
4 6	1 1 0 0 0 0 9 9 9	1 1   2 0 2 4	3 0	2	R
1 2	3 11	16 19	20 21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	0.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.3800	4
		Temperature, Water (°C)	80250	4	12.0800	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			10.0000	1

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Municipality/City/Town Montreal		Province QC - Quebec	Postal Code H2Z 1B1

File No.	Works Number *	Data Period *	Days	Discharge Type	Update Code
4 6	1 1 0 0 0 0 9 9 9	Month: 1 2 2 0 Year: 2 4	3 1	2	R
1 2	3 11	16 19	20 21	22	80

C.P.	0 1	Flows	Parameter Code	Dec.	Monthly Results
12 13		Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	19.733
		Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.637
		Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.885
			30 34	35 38	
2 6		Bypass			# of Occurrences
12 13		Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50026	3	0
		Duration (hours)	80563	1	
		Secondary Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50040	3	
		Duration (hours)	80565	1	
			30 34	35 38	
0 3		Raw Sewage			# of Samples
12 13		BOD <sub>5</sub> (mg/L)	00001	0	580
		Suspended Solids (mg/L)	00006	0	314
		TKN (mg/L)	00020	2	46.10
		Total Phosphorus (mg/L)	00033	1	6.4
			30 34	35 38	
0 4		Final Effluent			
12 13		BOD <sub>5</sub> (mg/L)	00001	1	
		CBOD <sub>5</sub> (mg/L)	00002	1	4.0
		Suspended Solids (mg/L)	00006	1	7.0
		Ammonia + Ammonium (mg/L)	00019	2	0.10
		TKN (mg/L)	00020	2	0
		Total Phosphorus (mg/L)	00033	2	0.23
			30 34	35 38	
0 7		Disinfection			
12 13		Chlorine Used (kg as Cl <sub>2</sub> )	50100	1	
		Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1	
		Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1	
			30 34	35 38	

Operator Telephone Number  
519-369-6655

Operator Email Address \*  
fei.xue@veolia.com

Comments

**Return completed form to:**

- Environmental Monitoring and Reporting Branch, MECP, at [WasteWaterReporting@ontario.ca](mailto:WasteWaterReporting@ontario.ca) And
- Your Environmental Officer at your local District/Area MECP Office.

Ministry Contact Email Address \*  
[matthew.shannon@ontario.ca](mailto:matthew.shannon@ontario.ca)



Project Name  
Durham WWTP

### Facility Address

Unit Number	Street Number	Street Name	PO Box
	455	Saddler St W	

Municipality/City/Town Durham (Municipality of West Grey)	Province ON - Ontario	Postal Code
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Operating Authority  
Veolia Water Canada Inc.

### Mailing Address

Unit Number 1450	Street Number 555	Street Name Rene-Levesque Blvd West	PO Box
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Municipality/City/Town Montreal	Province QC - Quebec	Postal Code H2Z 1B1
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File No.	Works Number *								Data Period *					Days		Discharge Type	Update Code		
4 6	1	1	0	0	0	0	9	9	9	Month		Year							
										1	2	2	0	2	4	3	1	2	R
1 2	3								11	16					19	20	21	22	80

[illegible]

0	4	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4	1.0000	1
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4	7.3900	4
		Temperature, Water (°C)	80250	4	9.4500	4
		Un-ionized Ammonia (mg/L)	91012	4	0.0010	1
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)			18.0000	1

Operator Telephone Number  
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Comments

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2. Your Environmental Officer at your local District/Area MECP Office. (Find your local MECP office: <https://www.ontario.ca/environment-and-energy/ministry-environment-district-locator>)