



February 24, 2025

Municipality of West Grey 402813 Grey Rd 4 RR#2 Durham, ON NOG 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.







Municipality of West Grey- 2024 Annual Report **Durham Wastewater Treatment Facility**

1. Summary and Interpretation of Monitoring Data

The 2024 annual average daily flow was 0.643 MLD (643 m³/d) and represents approximately 29% of the design capacity for the treatment facility (2.184 m³/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 m³/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:

	Annual Average Concentration	Concentration Limit	Annual Average	Loading Limit
Effluent Parameter			Loading	
	mg/L	mg/L	kg/d	kg/d
CBOD ₅	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)



VEOLIA





Municipality of West Grey- 2024 Annual Report **Durham Wastewater Treatment Facility**

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 (BOD₅), 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.





Municipality of West Grey- 2024 Annual Report Durham Wastewater Treatment Facility

Page 3

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 3,119m³ which decreased from 2023 of 3,685m³. Typically anywhere from 160m³ to 250m³ 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.

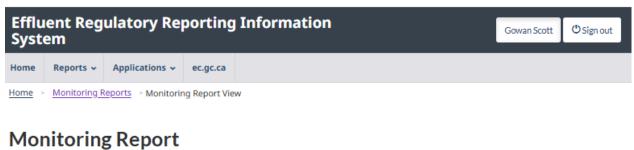
No other system changes were implemented after the new ECA was made effective in June 2018

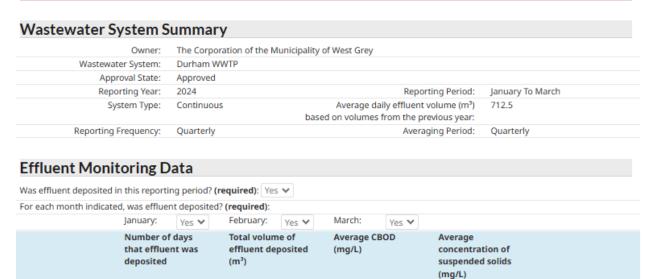
13. Updates to Proposed Works

There were no significant updates to the proposed works

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

2024	FL	OWS, m	3	BC	D/CBOD)5		TSS		TO	TAL PHO	S	TKN	Amn	nonia	Nitrate	р	Н	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	YE	S	





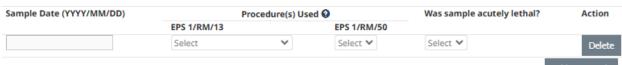
Acute Lethality Test Results 9

Limit

Reporting Period January To March

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

59349.0



25mg/L

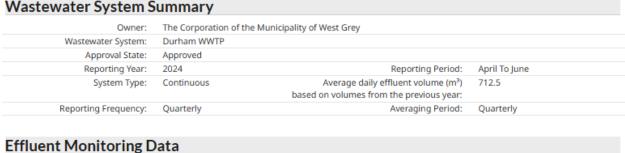
4.0

25mg/L

4.0



Monitoring Report



Was effluent deposited in this reporting period? (required): Yes > For each month indicated, was effluent deposited? (required): June: April: May: Yes 🗸 Yes 🕶 Yes 🕶 Number of days Total volume of Average CBOD Average that effluent was effluent deposited (mg/L) concentration of deposited (m³) suspended solids (mg/L) Limit 25mg/L 25mg/L **Reporting Period** April To June

April To June 91 66167.0 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 EPS 1/RM/13 EPS 1/RM/50

Select

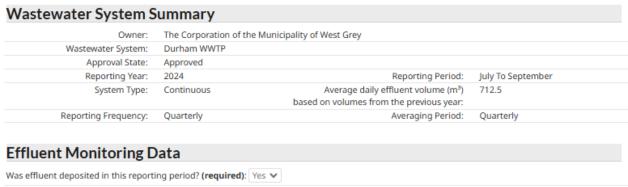
Select ♥

Select ♥

Delete
Add Test Result



Monitoring Report



For each month indicate	d, was effluent deposited	? (required):		
	July: Yes ✔	August: Yes ✔	September: 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)
Limit Reporting Period			25mg/L	25mg/L
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

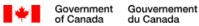
Sample Date (YYYY/MM/DD)

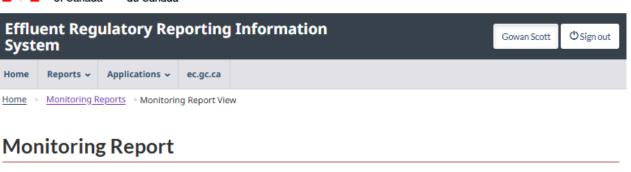
Procedure(s) Used
EPS 1/RM/13

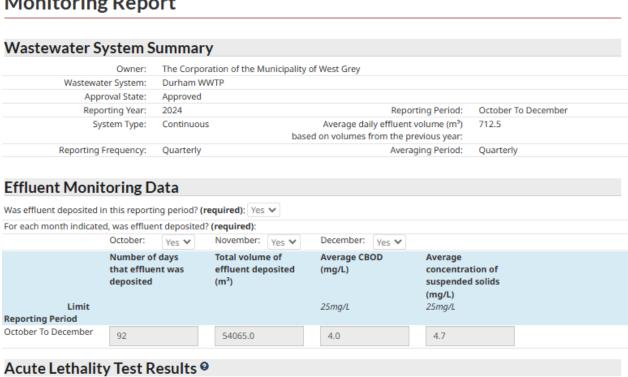
EPS 1/RM/50

Select Select Select Select Delete

Add Test Result







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



Add Test Result



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 19.637 Average Daily Flow (103 m3/d) 50015 3 0.633 3 Maximum Daily Flow (103 m3/d) 50020 0.787 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 394 00001 0 00006 302 1 Suspended Solids 0 (mg/L) 2 TKN 00020 53.80 1 (mg/L) 1 1 00033 6.5 **Total Phosphorus** (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 2.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) TKN (mg/L) 00020 2 2 00033 0.27 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Nar Durham V													
Facility A	ddress												
Unit Numbe	er Street Number 455	Street Nam Saddler S									РОЕ	Box	
	y/City/Town Municipality of West Gre	y)	Province ON - Or		ario						Post	al Code	
Operating A	Authority ater Canada Inc.		!										
Mailing A	ddress												
Unit Number	1	Street Nam	ne esque Blvd	W	/est						РОЕ	Box	
Municipality Montreal	y/City/Town		Province QC - Qu		bec						Posta H2Z	al Code 1B1	
File No.	Works Num	ber *	Mo	nt	1	Perio	d * ear		Days		scharge		pdate Code
4 6	1 1 0 0 0	0 9 9	9 0	JIII	1 2		2 4		3 1		Type 2		R
1 2	3		11 16		-		19	9	20 21		22	_	80
C.P.													
	aw Sewage	Γ	Parameter (C٥	ode	Dec	Mon	thlv	Average	Results		# of San	nples
	otal COD (mg/L)					2		,		620.00	⊣ ⊢	, 5, 54,	1
<u> </u>	olatile Suspended Solids	s (ma/L)				2				291.00			1
-		· (g/ = /				<u> </u>					1		•
											1		
											1		
											1		
											1		
											1		
											1		
		3	30		34	35	38						
0 4 F	inal Effluent		Parameter (Co	ode	Dec	Mon	thly .	Average	Results		# of San	nples
12 13 A	Ikalinity, Total	(mg/L)	00051			4							
С	onductivity 25°C	(µS/cm)	91004			4					1		
E	. Coli	(CT/100ml)	91000)		4				3.0000			1
N	litrate, Unfiltered reactive	(mg/L)	00022)		4							
N	itrite, Unfiltered reactive	(mg/L)	00021			4							
pl	Н		80770)		4				7.5400			5
T	emperature, Water	(°C)	80250)		4				6.1000			5
U	n-ionized Ammonia	(mg/L)	91012	2		4				0.0010			1
D	issolved Oxygen	(mg/L)	00003	} _		4							
Н	lydrogen Sulphide	(mg/L)	83008	}		4							
Т	otal COD (mg/L)									17.0000			1
] L		
											1		
											4 L		
			10								J L		
0	Calankana Novo I	3	30		34 Poturi	35 COM	38	forn	ı to:				
Operator 1 519-369-6	elephone Number 6655			1			npleted nental Mo			Reportir	ng Brar	ich, ME0	CP, at
	mail Address eolia.ccom			2	Wa	steWa	aterRepo vironment	rting	@ontario	o.ca And	Ī		
Comments				1	ME	CP O	ffice. (Fir	nd yo	ur local İ	ИЕСР о	ffice: h	ttps://	
							ario.ca/ei ient-distri			<u>ia-ener</u>	yy/mini	stry-	



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 2 9 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 19.087 Average Daily Flow (103 m3/d) 50015 3 0.658 3 Maximum Daily Flow (103 m3/d) 50020 0.732 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 351 00006 368 1 Suspended Solids 0 (mg/L) 2 TKN 00020 41.00 1 (mg/L) 1 1 00033 5.4 **Total Phosphorus** (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 6.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) TKN (mg/L) 00020 2 2 00033 0.32 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Name Durham WW											
Facility Add	dress										
Unit Number	Street Number 455	Street Nan Saddler S								РО Вох	
Municipality/C	 City/Town Inicipality of West Grey	·)	Province ON - Or		ario					Postal 0	Code
Operating Au	<u> </u>	•									
Mailing Add	dress										
Unit Number 1450	Street Number 555	Street Nan Rene-Lev	ne resque Blvd	l W	Vest					РО Вох	
Municipality/C Montreal	City/Town		Province		bec					Postal (
File No.	Works Num	ber *				Perio		Da		charge	Update
4 6	1 1 0 0 0	0 9 9	9 0	ont	2 2		ear 2 4	2	9	ype 2	Code
1 2	3		11 16			-	19	20	21	22	80
C.P.		r					- 101			- 	
	V Sewage		Parameter	Со	ode	Dec 2	Monti	nly Avera	age Results 620.00	↓ 	f Samples
100	al COD (mg/L) atile Suspended Solids	· (ma/L)				2			329.00	+	1
VOI	atile ousperided oolids	(IIIg/L)							329.00	1	-
										 	
			30		34	35	38				
0 4 Fina	al Effluent		Parameter	Со	ode	Dec	Month	nly Avera	age Results	# # 0	f Samples
12 13 Alka	alinity, Total	(mg/L)	00051	1		4					
Con	ductivity 25°C	(µS/cm)	91004	1		4					
E. C	Coli	(CT/100ml)	91000)		4			20.0000		1
	ate, Unfiltered reactive	(mg/L)	00022			4					
	te, Unfiltered reactive	(mg/L)	00021			4					
pН		(00)	80770			4			7.2200	-	4
	nperature, Water ionized Ammonia	(°C)	80250 91012			4			8.1200 0.0010	↓ 	1
	solved Oxygen	(mg/L) (mg/L)	00003		$\overline{}$	4			0.0010	+	1
	rogen Sulphide	(mg/L)	83008			4					
	al COD (mg/L)								15.0000		1
			20								
Operator Tala	ephone Number	3	30	5	34 Returi	35 Com	38 apleted fo	orm to:			
519-369-665					l. En	vironm	nental Mon	itoring a	nd Reporting	g Branch	MECP, at
Operator Ema				2	. You	ır Env	rironmenta	l Officer	tario.ca And at your local	I District/	Area
Comments				-	ME	CP O	ffice. (Find	your lo	cal MECP of	fice: https	<u>s://</u>
							<u>arıo.ca/en\</u> <u>ent-distric</u>		<u>nt-and-energ</u>)	y/IIIINISTN	<u>/-</u>



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 20.625 Average Daily Flow (103 m3/d) 50015 3 0.665 3 Maximum Daily Flow (103 m3/d) 50020 0.763 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 277 00006 413 1 Suspended Solids 0 (mg/L) 2 TKN 00020 26.30 1 (mg/L) 1 1 00033 **Total Phosphorus** 3.0 (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 4.0 1 2 0.20 1 Ammonia + Ammonium 00019 (mg/L) TKN (mg/L) 00020 2 2 00033 0.34 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Name Durham WV												
Facility Add	dress											
Unit Number	Street Number 455	Street Nan Saddler S									РО Во	X
Municipality/0	City/Town unicipality of West Gre	y)	Province ON - Or		ario						Postal	Code
Operating Au Veolia Wate	uthority er Canada Inc.		'									
Mailing Add	dress											
Unit Number 1450	1	Street Nan Rene-Lev	ne resque Blvd	W	/est						РО Во	x
Municipality/0	City/Town		Province QC - Qu		bec						Postal H2Z 1	
File No.	Works Num	ber *			1	Perio			Days		charge	Update
4 6	1 1 0 0 0	0 9 9	9 0	_	3 2		ear 2 4		3 1		Гуре 2	Code
1 2	3		11 16		·	·	19		20 21		22	80
C.P.				_								
	w Sewage	[Parameter	Со	de	Dec	Mon	thly A	Average	Results	A #	of Samples
	tal COD (mg/L)					2				470.00	┦ ├──	1
Vol	latile Suspended Solids	s (mg/L)				2				371.00		1
											1	
		3	30		34	35	38] [
0 4 Fina	al Effluent	[Parameter	Со	ode	Dec	Mon	thly A	Average	Results	A #	of Samples
12 13 Alka	alinity, Total	(mg/L)	00051			4						
Cor	nductivity 25°C	(µS/cm)	91004	1		4						
E. (Coli	(CT/100ml)	91000)		4			•	3.0000		1
Nitr	ate, Unfiltered reactive	(mg/L)	00022	2		4						
	ite, Unfiltered reactive	(mg/L)	00021			4						
рН			80770			4				7.2100	┥ ├──	4
_	mperature, Water	(°C)	80250			4				8.4500	┥ ├──	4
	ionized Ammonia	(mg/L)	91012			4	<u> </u>			0.0010		1
	solved Oxygen drogen Sulphide	(mg/L)	00003 83008			4						
	tal COD (mg/L)	(mg/L)	03000			4	-			30.0000		1
100	iai COD (mg/L)									0.0000	1	<u>'</u>
											1	
					\neg						1	
		I	30		34	35	38					
Operator Tele 519-369-66	ephone Number 55				. En	vironm		nitori	ing and I		g Brancl	n, MECP, at
Operator Em				2	. Yo	ur Env	aterRepo rironment	al Of	ficer at y	our loca		
Comments					ME	CP O	ffice. (Fin ario.ca/er	ıd you	ur local N	MECP of	fice: http	<u>s://</u>
							ario.ca/er ient-distri			iu-energ	y/mmist	y -



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 0 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 25.262 Average Daily Flow (103 m3/d) 50015 3 0.842 3 Maximum Daily Flow (103 m3/d) 50020 1.097 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 352 00006 779 1 Suspended Solids 0 (mg/L) 2 TKN 00020 78.80 1 (mg/L) 1 1 00033 **Total Phosphorus** 10.7 (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 4.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) TKN (mg/L) 00020 2 2 00033 0.36 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project N Durham																					
Facility	Address																				
Unit Num		Street Number 455	Street Nar Saddler S		,												Р	ОВ	ох		
	lity/City/To (Municipa	own ality of West Gre	y)		Provinc	-	ario										Р	osta	al Co	de	
	g Authority Vater Can																1				
Mailing	Address																				
Unit Num 1450	nber	Street Number 555	Street Nar Rene-Lev		lue Blvd	V b	Vest										Р	ОВ	ox		
Municipa Montrea	ility/City/To il	wn			Provinc QC - Q		bec												al Co 1 <mark>B</mark> 1	de	
File No.		Works Num	ber *		М	lon		ta Pe		d * ea				Days	;	D	isch:)		date ode
4 6	1	1 0 0 0	0 9 9	9	_		4	2	0			4	3		0		2				R
1 2	3			11	16							19	2	0 2	21		22	-			30
C.P.																					
0 3	Raw Sew	age		Pa	rameter	Сс	ode		ec	1	Мс	onthl	y Av	erag	e Re	sult	s	A #	# of S	Samp	oles
12 13	Total CO							F	2						5	50.0	0				1
		Suspended Solids	s (ma/L)					F	2						3	71.0	0	F			1
			(0 /					t										F			
								H													
								H													
								F									-	\vdash			
								H									_				
								-													
								H													
			:	 30			34	L	35	ļ	38										
	_																				
0 4	Final Efflu	ient		Pa	rameter	Co	ode	P	ec)	ł	Mo	onthl	y Av	erag	e Re	sult	s	#	# of S	Samp	oles
12 13	Alkalinity,	Total	(mg/L)		0005	1			4												
	Conductiv	rity 25°C	(µS/cm)		9100	4			4												
	E. Coli		(CT/100ml)		9100	0			4						2.	000	0				1
	Nitrate, U	nfiltered reactive	(mg/L)		0002	2			4												
	Nitrite, Un	filtered reactive	(mg/L)		0002	1			4												
	рН				8077	0			4						7.	400	0				4
	Temperat	ure, Water	(°C)		8025	0			4						11.	200	0				4
	Un-ionize	d Ammonia	(mg/L)		9101	2			4						0.	.001	0				1
	Dissolved	Oxygen	(mg/L)		0000	3			4												
	Hydrogen	Sulphide	(mg/L)		8300	8			4												
	Total CO	D (mg/L)													18.	000	0				1
				30			34		35	'	38										
	Telephon	e Number				- 1	Retu			-								_			_
519-369						_ 1	1. E	nviro	nm	ner	ntal M rRep	/lonit	oring	and	Re	porti	ng E	Bran	ch, N	/IECF	⊃, at
	Email Add																	ic+-:	ot/A-	00	
Commen						- -					nme e. (F										
2 2	-						W	ww.	onta	ario	o.ca/		onm	ent-							



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 21.963 Average Daily Flow (103 m3/d) 50015 3 0.708 3 Maximum Daily Flow (103 m3/d) 50020 0.858 30 34 35 38 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 325 00006 295 1 Suspended Solids 0 (mg/L) 2 TKN 00020 40.70 1 (mg/L) 1 1 00033 4.7 **Total Phosphorus** (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 5.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) TKN (mg/L) 00020 2 2 00033 1 0.63 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project N Durham																					_
Facility	Address																				_
Unit Num		Street Number 455	Street Nar Saddler S		1												РО	Вох			
	lity/City/To (Municipa	own ality of West Gre	y)		Provinc	_	ario										Pos	stal C	ode		_
	g Authority <mark>Vater Ca</mark> n																ı				_
Mailing	Address																				_
Unit Num 1450	nber	Street Number 555	Street Nar Rene-Lev		que Blv	d V	Vest										РО	Box			
Municipa Montrea	ility/City/To il	wn			Provinc QC - C		bec											stal C Z 1B			
File No.		Works Num	ber *		N	1on		ta Pe		d * ea				Days			char		- 1	pdate Code	:
4 6	1	1 0 0 0	0 9 9	9			5	2	0			4	3				2			R	_
1 2	3			11	16	Ó						19	20) 2	1		22			80	_
C.P.																					
0 3	Raw Sew	age		Pa	rameter	r Co	ode		Эес	1	Mc	onthly	/ Ave	erage	Res	sults	B	# of	San	ples	٦
12 13	Total CO							 	2							0.00	1				1
		Suspended Solids	s (ma/L)					 -	2						25	9.00	1				1
			(***3/=/					-	_								1				-
								-									1				+
								-									┪┟				+
								-									1				+
								-									1				+
								-									1				+
								-									1				\dashv
				<u> </u>			34	L	35	ļ	38						J				┙
	.							-									- ΒΔ d				_
0 4	Final Efflu	ient		Pa	ırameteı	r Co	ode)ec	ł	Mc	onthly	/ Ave	erage	Res	sults] P	# of	San	ples	
12 13	Alkalinity,	Total	(mg/L)		0005	1			4												
	Conductiv	rity 25°C	(µS/cm)		9100	4			4												
	E. Coli		(CT/100ml)		9100	0			4						9.0	0000				•	1
	Nitrate, U	nfiltered reactive	(mg/L)		0002	2			4												
	Nitrite, Un	filtered reactive	(mg/L)		0002	1			4] [
	рН				8077	0			4						7.3	3300] [Ę	5
	Temperat	ure, Water	(°C)	L	8025	0			4		L				14.2	2400] [Į.	5
	Un-ionize	d Ammonia	(mg/L)		9101	2			4						0.0	010] [1
	Dissolved	Oxygen	(mg/L)		0000	3			4] [
	Hydrogen	Sulphide	(mg/L)		8300	8			4												
	Total CO	D (mg/L)													19.0	0000				•	1
] [
] [
				L					[L										
				30			34		35		38										_
Operator 519-369	Telephon	e Number					Retu ₁ ⊏			-					Pon	ortin	a Pr	anch	ME	ים מי	ŀ
	· Email Add	drace				\dashv	ı. ⊏ <u>\</u>	iiviro <mark>√ast</mark> e	eWe	ier ate	ıtaı iv <u>rRep</u>	ortin	g@o	and <u>ntar</u> i	кер <u>o.ca</u>	And	y Bra	ансп,	IVIE	CP, at	
	veolia.co																l Dis	trict/A	Area		
Commen						\dashv	M	1ECF	O O	ffic	e. (F	ind y	our I	ocal	MEC	CP of	fice:	<u>https</u>	://		
											o.ca/e				ınd-€	energ	<u>y/mi</u>	nistry	=		



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 0 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 18.942 Average Daily Flow (103 m3/d) 50015 3 0.631 3 Maximum Daily Flow (103 m3/d) 50020 0.777 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 371 00006 239 1 Suspended Solids 0 (mg/L) 2 TKN 00020 50.70 1 (mg/L) 1 1 00033 **Total Phosphorus** 6.9 (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 3.0 1 2 0.60 1 Ammonia + Ammonium 00019 (mg/L) 1 TKN (mg/L) 00020 2 2 00033 1 0.63 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Na Durham															
Facility A	Address	i													
Unit Num	ber	Street Number 455	Street Nar Saddler S											PO Box	<
Municipal Durham		own ality of West Gre	y)	Provir ON -		ario								Postal	Code
Operating Veolia W	Authority ater Can	nada Inc.		!									Į.		
Mailing	Address														
Unit Numl		Street Number 555	Street Nar		vd \	Nest								PO Box	(
Municipal Montreal		own		Provin		ebec								Postal H2Z 1	
File No.		Works Num	ber *		Mor		ıta Per	iod Ye			Days			harge	Update Code
4 6	1	1 0 0 0	0 9 9	9	0	6	2	0	2 4	1	3 0)		/pe 2	R
1 2	3			11	16				19		20 2	1	- 2	22	80
C.P.															
0 3	Raw Sew	age		Paramete	er C	ode	De	ес	Mont	hly A	verage	Resu	ults	# (of Samples
12 13	Total CO	D (mg/L)					2	2				585	.00		1
	Volatile S	Suspended Solids	s (mg/L)				2	2				223	.00		1
							_								
-							-								
ŀ							-							-	
+							+ -								
ŀ															
L			:	30		34	35	5	38						
0 4	Final Efflu	ient		Paramete	er C	ode	De	ес	Mont	hly A	verage	e Resu	ults	# # (of Samples
12 13	Alkalinity,	Total	(mg/L)	000	51		4	ı.							
Ī	Conductiv	vity 25°C	(µS/cm)	910	04		4	F							
Ī	E. Coli		(CT/100ml)	910	000		4	F				3.00	000		1
	Nitrate, U	nfiltered reactive	(mg/L)	000	22		4	ŀ							
	Nitrite, Un	filtered reactive	(mg/L)	000	21		4	ŀ							
Ľ.	рН			807			4	1				7.35			4
F		ure, Water	(°C)	802			4	_				17.82	200		4
-		d Ammonia	(mg/L)	910			4	_							
	Dissolved		(mg/L)	000			4	-							
		Sulphide D (mg/L)	(mg/L)	830	800		4	-				19.00	200		1
}	Total CO	(Hg/L)					 					19.00	000		- 1
+							1								
ŀ							1 -						$\overline{}$		
ŀ							1								
L			:	30		34	35	5	38						
Operator 519-369-		e Number						-	pleted f ental Mor			Repo	rtina	Branch	n, MECP, at
Operator fei.xue@	Email Add					<u>\</u>	<u>VasteV</u>	Nat	terRepor	ting@	ontari	o.ca A	And		
Comment		MIII							ronmenta ice. (Find						
						<u>v</u>	IO.WW	ntai	<u>rio.ca/en</u> ent-distric	viron	ment-a	nd-en	nergy	/ministr	y-



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 19.655 Average Daily Flow (103 m3/d) 50015 3 0.634 3 Maximum Daily Flow (103 m3/d) 50020 0.988 30 34 35 38 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 615 00006 292 1 Suspended Solids 0 (mg/L) 2 67.20 TKN 00020 1 (mg/L) 1 1 00033 **Total Phosphorus** 8.3 (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 3.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) 0 TKN (mg/L) 00020 2 2 00033 0.69 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Na															
Facility A	Address														
Unit Numb		Street Number 455	Street Nar Saddler S										Р	O Box	
Municipali Durham (vn lity of West Grey	/)	Provi ON -		tario							Р	ostal C	ode
Operating Veolia Wa	Authority ater Cana	ıda Inc.		ļ .											
Mailing A	Address														
Unit Numb	per	Street Number 555	Street Nar Rene-Lev		lvd \	Wes	t						Р	О Вох	
Municipali Montreal		vn		Provi QC -		ebec	;							ostal C	
File No.		Works Num	ber *		Mor		ata Pe		 d * ear		Days		Disch:		Update Code
4 6	1 1	0 0 0	0 9 9	9	0	7	2	0	2 4		3 1		Тур 2		R
1 2	3			11	16				19		20 2	1	22	2	80
C.P.															
$\overline{}$	Raw Sewa	ge		Paramet	ter C	ode		ec	Mont	hly A	verage	Resul	Its	# of	Samples
	Total COE						-l ⊢	2				870.			1
١	√olatile Si	uspended Solids	s (mg/L)				1	2				271.	00		1
-							↓						_		
L				30		3		35	38						
			·	50											
0 4 F	Final Efflue	ent		Paramet	ter C	ode] F 5	ес	Mont	hly A	verage	Resul	Its	# of	Samples
12 13 A	Alkalinity, 1	「otal	(mg/L)	000	051			4							
C	Conductivit	ty 25°C	(µS/cm)	910	004		l L	4							
E	E. Coli		(CT/100ml)	910	000] L	4				0.00	00		1
١	Nitrate, Un	filtered reactive	(mg/L)		022] L	4							
<u> </u>		Itered reactive	(mg/L)		021		↓	4							
Ľ	oH				770		-	4				7.39	_		5
⊢	Temperatu		(°C)		250		-	4				19.40			5
F	Jn-ionized		(mg/L)		012		⊣ ⊢	4				0.00	10		1
⊢	Dissolved ((mg/L)		003		- ⊢	4					_		
<u> </u>	Hydrogen S		(mg/L)	830	800		↓	4				47.00	00		4
-	Total COE	(mg/L)					┥┝					17.00	00		1
-							┨						-		
-							+						\dashv		
-							 	-					\dashv		
L			:	30		3	↓ ↓ 4 ;	35	38						
Operator 7		Number			- 1				pleted f			Da	din F	Duan - L	MECD -4
519-369-		2000			\dashv				ental Mor <u>ıterRepor</u>					sranch,	MECP, at
Operator E									ironmenta					istrict/	Area
Comments					\dashv	ı	MECF	Of	fice. (Find	d you	ır local	MECP	office	e: <u>https</u>	<u>://</u>
									ario.ca/en ent-distric			<u>ınd-ene</u>	ergy/r	mnistry	Ξ.



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 18.808 Average Daily Flow (103 m3/d) 50015 3 0.607 3 Maximum Daily Flow (103 m3/d) 50020 0.822 30 34 35 38 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 560 00006 290 1 Suspended Solids 0 (mg/L) 2 TKN 00020 66.10 1 (mg/L) 1 1 00033 11.2 **Total Phosphorus** (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 2.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) 0 TKN (mg/L) 00020 2 2 00033 0.69 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Nam Durham W\										_
Facility Ad	dress									
Unit Number	1	Street Nar Saddler S							РО Вох	
Municipality/	City/Town unicipality of West Gre	/)	Province ON - Or						Postal C	ode
Operating Au		<u> </u>	I							
Mailing Ad	dress									
Unit Number	Street Number 555	Street Nar Rene-Lev	ne /esque Blvd	West					PO Box	
Municipality/ Montreal	City/Town	'	Province QC - Qu						Postal C H2Z 1B	
File No.	Works Num	ber *	Mo	Dat onth	ta Perio	d * ear	Days		charge ype	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.										
	w Sewage		Parameter (Code	Dec	Month	ly Average R		# of	Samples
	tal COD (mg/L)				2			390.00		1
Vo	latile Suspended Solids	(mg/L)			2		2	247.00		1
									-	
			30	34	35	38				
0 4 Fin	al Effluent		Parameter (Code	Dec	Month	nly Average R	esults	# # of	Samples
10 10	alinity, Total	(mg/L)	00051		4	-	.,			
	nductivity 25°C	(µS/cm)	91004		4					
-	Coli	(CT/100ml)	91000		4		(0.0000		1
Niti	rate, Unfiltered reactive	(mg/L)	00022		4					
	rite, Unfiltered reactive	(mg/L)	00021		4					
pН			80770		4		7	7.4400		4
Ter	mperature, Water	(°C)	80250		4		18	3.6500		4
Un	-ionized Ammonia	(mg/L)	91012		4		C	0.0010		1
Dis	ssolved Oxygen	(mg/L)	00003		4					
Ну	drogen Sulphide	(mg/L)	83008		4					
To	tal COD (mg/L)		· · · · · · · · · · · · · · · · · · ·				15	5.0000		1
			20			20				
Ongett	lanhana Ni	;	30	34 Rotu	35 rn com	38 pleted fo	orm to:			
Operator Fell 519-369-66	lephone Number 555						itoring and Re	eporting	Branch.	MECP. at
Operator Em							ing@ontario.d		,,	- ,
fei.xue@ve				2. Y	our Env	ironmenta	Officer at yo	ur local	District/A	Area
Comments				w	ww.onta		your local Mi rironment-and -locator)			



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 0 0 4 3 0 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 17.249 Average Daily Flow (103 m3/d) 50015 3 0.575 3 Maximum Daily Flow (103 m3/d) 50020 0.710 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 147 00006 316 1 Suspended Solids 0 (mg/L) 2 TKN 00020 78.60 1 (mg/L) 1 1 00033 **Total Phosphorus** 8.8 (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 3.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) 0 TKN (mg/L) 00020 2 2 00033 1 0.16 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Nar Durham V												_
Facility A	ddress											
Unit Numb	er Street Number 455	Street Nam Saddler S									РО Во	x
	y/City/Town Municipality of West Gre	y)	Province ON - Or		ario						Postal	Code
Operating A	Authority ater Canada Inc.		!									
Mailing A	ddress											
Unit Number	1	Street Nam	ne esque Blvd	W	/est						РО Во	x
Municipality Montreal	y/City/Town		Province QC - Qu		bec						Postal H2Z 1	
File No.	Works Num	ıber *	Mo	nt	1	Perio	d * ear		Days		charge	Update Code
4 6	1 1 0 0 0	0 9 9	9 0	_	9 2		2 4		3 0	 	Гуре 2	R
1 2	3		11 16		-		19	9	20 21		22	80
C.P.												
\vdash	aw Sewage		Parameter (Со	ode	Dec	Mon	thly i	Average	Results	A # .	of Samples
	otal COD (mg/L)					2				700.00	┥ ├──	1
V	olatile Suspended Solid	s (mg/L)				2				247.00		1
-							-				-	
											1	
											1	
L		3	30		34	35	38] [
0 4 F	inal Effluent		Parameter (Co	de	Dec	Mon	thly .	Average	Results	A #	of Samples
12 13 A	Ikalinity, Total	(mg/L)	00051			4						
С	onductivity 25°C	(µS/cm)	91004			4						
E	. Coli	(CT/100ml)	91000)		4				0.0000		1
N	itrate, Unfiltered reactive	(mg/L)	00022			4						
_	itrite, Unfiltered reactive	(mg/L)	00021			4						
p			80770			4				7.3700		4
-	emperature, Water	(°C)	80250			4			1	8.1500	1 —	4
<u> </u>	In-ionized Ammonia	(mg/L)	91012			4				0.0010		1
_	vissolved Oxygen	(mg/L)	00003 83008			4	-				-	
_	lydrogen Sulphide otal COD (mg/L)	(mg/L)	83008	•		4				8.0000		1
<u>'</u>	otal COD (Hig/L)									6.0000	1	
											1	
-												
L		3	30		34	35	38				J	
Operator T 519-369-6	elephone Number 6655			1			n pleted nental Mo			Reporting	g Brancl	n, MECP, at
	mail Address reolia.ccom			2	Wa	steWa	aterRepo	rting	<u>@ontario</u> fficer at y	.ca And		
Comments				1	ME	CP O	ffice. (Fir	nd yo	ur local N	MECP of	fice: http	os://
							<u>arıo.ca/eı</u> ıent-distri		<u>nment-ar</u> cator)	<u>ıa-energ</u>	<u>y/minist</u>	<u>y-</u>



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 1 0 4 3 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** 17.250 (103 m³) 50010 3 Average Daily Flow (103 m3/d) 50015 3 0.556 3 Maximum Daily Flow (103 m3/d) 50020 0.751 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 298 00006 252 1 Suspended Solids 0 (mg/L) 2 TKN 00020 61.60 1 (mg/L) 1 1 00033 7.2 **Total Phosphorus** (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 4.0 1 2 0.10 1 Ammonia + Ammonium 00019 (mg/L) 0 TKN (mg/L) 00020 2 2 00033 1 0.52 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project N Durham	lame WWTP																		-
Facility	Address	i																	-
Unit Num		Street Number 455	Street Nar Saddler S												F	РО Вох			
Municipa Durham		Province ON - Ontario									F	Postal Code			-				
	g Authority Vater Can														,				-
Mailing	Address																		-
Unit Num		Street Number 555	Street Nar Rene-Lev		sque Blvd West										F	РО Вох			
Municipa Montrea	lity/City/To	own			Province QC - Quebec										Posta 12Z	al Coo	de	-	
File No. Works Number *															scharge Update Type Code				
4 6	1	9	Month Year									2	2 R			J			
1 2	3			11	16					19		20	21		2:	2		80	_
C.P.																			
0 3	Raw Sew	age		Par	ameter (Со	ode	Dec	;	Mont	thly	Avera	age R	Resul	ts	P #	of S	amples]
12 13	Total CO	DD (mg/L)						2						190.0	00	1		1	1
		Suspended Solids	s (mg/L)					2							.00 1				-
		·	(0)																1
																			-
																			1
																			1
																			-
																			1
																			-
				<u> </u>			34	35		38									J
	1		1					-	_							MA:			,
<u> </u>	Final Efflu	ient		Par	ameter (Со	ode	Dec	3	Mont	thly	Avera	age R	Resul	ts	FN #	of S	amples	
12 13	Alkalinity,	Total	(mg/L)		00051			4											
	Conductiv	vity 25°C	(µS/cm)		91004			4											
	E. Coli		(CT/100ml)		91000)		4					(0.00	00			1]
	Nitrate, U	nfiltered reactive	(mg/L)		00022			4											1
	Nitrite, Un	filtered reactive	(mg/L)		00021			4											1
	рН				80770)		4					7	7.310	00			5	
	Temperature, Water (°C)		(°C)		80250)		4	1				15	5.360	00			4	
	Un-ionize	d Ammonia	(mg/L)		91012			4					(0.00	10			1	
	Dissolved	Oxygen	(mg/L)		00003			4]
	Hydrogen	Sulphide	(mg/L)		83008	}		4											
	Total CO	D (mg/L)											17	7.000	00			1	
																			1
]
																			1
																			1
			,	30			34	35		38						_			_
Operator 519-369	Telephone 1-6655	e Number				1	. En	vironi	me		nito	ring a				Bran	ch, N	IECP, at	
Operator fei.xue@	Email Add	dress com	-			2	2. Yo	ur En	vir	erRepor onmenta	al O	fficer	at yo	ur lo	cal [Distri	ct/Are	ea	
Commen	its					1	ME	CP (Offi	ce. (Fin <u>io.ca/en</u>	d yo	ur loc	al M	ECP	offic	e: <u>ht</u>	tps://		
										nt-distric				<u>1-6116</u>	iyy/	118	<u> 5u y-</u>		



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 6 1 1 0 4 3 0 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 17.082 Average Daily Flow (103 m3/d) 50015 3 0.569 3 Maximum Daily Flow (103 m3/d) 50020 0.723 30 34 35 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 328 00006 252 1 Suspended Solids 0 (mg/L) 2 TKN 00020 48.80 1 (mg/L) 1 1 00033 **Total Phosphorus** 5.8 (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 3.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) 0 TKN (mg/L) 00020 2 2 00033 0.34 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Na															_		
Facility A	Address																
Unit Numb	ber	ne St W											РО Вох				
						ovince N - Ontario									Postal Code		
Operating Veolia W	Authority ater Can	ada Inc.															
Mailing A	Address																
Unit Numb		ne vesque Bl	sque Blvd West										(
Municipali Montreal	1	Province QC - Quebec									Postal Code H2Z 1B1						
File No.		Works Num	ber *		Mor		ita Perio	od * ′ear			Days			harge	Update Code		
4 6	4 6 1 1 0 0 0 0 9 9					1	2 0	1			3 0	<u> </u>		/pe 2	R		
1 2	3			11	16				19		20 21		2	22	80		
C.P.																	
\square	Raw Sewa	age		Paramete	er C	ode	Dec		Month	ıly A	/erage	Resu	ults	# # 0	of Samples		
	Total CO						2			Monthly Average Results 425.00					+ +		
1	Volatile S	Suspended Solids	s (mg/L)				2	1				240	.00	0 1			
								1 1									
								1 I									
							_										
								↓ ↓									
L				30		34] <u> </u> I 35	ļ	38								
			·	50		57			•								
0 4 F	Final Efflu	ent		Paramete	er C	ode	Dec		Month	ıly A	/erage	Resu	ılts	# 6	of Samples		
12 13	Alkalinity,	Total	(mg/L)	000	51		4										
C	Conductiv	ity 25°C	(µS/cm)	910	04		4										
E	E. Coli		(CT/100ml)	910	00		4		0.				000		1		
1	Nitrate, Ur	nfiltered reactive	(mg/L)	000			4] [
<u> </u>		filtered reactive	(mg/L)	000			4]									
Ľ	рН			807			4	↓ ↓				7.38			4		
-		ure, Water	(°C)	802			4	4				12.08			4		
L		d Ammonia	(mg/L)	910			4					0.00)10		1		
<u> </u>	Dissolved		(mg/L)	000			4						\dashv				
<u> </u>	Hydrogen		(mg/L)	830	80		4	┨				40.00	200		4		
-	Total CO	D (mg/L)					\vdash	┨				10.00	000		1		
-							\vdash	┨									
-							$+ \vdash$						-				
-							\vdash	┨					\dashv				
L			:	30		34	35	إ ل	38								
	Operator Telephone Number							-	eted fo			D.		D- : :	MEGD		
519-369-		rocc			-		nvironr <mark>VasteW</mark>							Branch	, MECP, at		
Operator I							our En							District/	Area		
Comments					1	Λ	IECP C)ffice	e. (Find	you	local	MEC	offic	ce: <u>http</u>	<u>s://</u>		
							www.oni					nd-en	ergy	<u>/ministr</u>	<u>y-</u>		



Fields marked with an asterisk (*) are mandatory. **Project Name Durham WWTP Facility Address** PO Box Unit Number Street Name Street Number 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 PO Box Street Number Street Name 1450 Rene-Levesque Blvd West Postal Code Municipality/City/Town Province Montreal QC - Quebec H2Z 1B1 Data Period Discharge Update File No. Works Number * Days Code Month Year Type 0 9 2 R 4 6 1 1 0 4 3 11 16 19 20 21 22 80 C.P. 0 Parameter Code Dec. Monthly Results 1 13 **Total Flow** (103 m³) 50010 3 19.733 Average Daily Flow (103 m3/d) 50015 3 0.637 3 Maximum Daily Flow (103 m3/d) 50020 0.885 30 34 35 38 2 # of Occurrences 6 Bypass Plant Bypass Volume (103 m³) 50026 3 0 (hours) 80563 Secondary Bypass Volume (103 m³) 50040 3 Duration (hours) 80565 1 35 3 # of Samples Raw Sewage 13 BOD₅ (mg/L) 00001 0 580 00006 314 1 Suspended Solids 0 (mg/L) 2 TKN 00020 46.10 1 (mg/L) 1 1 00033 6.4 **Total Phosphorus** (mg/L) 35 4 Final Effluent 13 BOD₅ (mg/L) 00001 CBOD₅ (mg/L) 00002 1 4.0 1 Suspended Solids (mg/L) 00006 1 7.0 1 2 1 Ammonia + Ammonium 00019 0.10 (mg/L) 0 TKN (mg/L) 00020 2 2 00033 0.23 1 Total Phosphorus (mg/L) 30 35 Disinfection 13 Chlorine Used (kg as Cl₂) 50100 1 Chlorine Dosage (mg/L as Cl₂) 80410 1 (mg/L as Cl₂) Chlorine Residual 80420 1 Return completed form to: Operator Telephone Number 519-369-6655 Environmental Monitoring and Reporting Branch, MECP, at WasteWaterReporting@ontario.ca And Operator Email Address * Your Environmental Officer at your local District/Area fei.xue@veolia.com MECP Office. Comments Ministry Contact Email Address * matthew.shannon@ontario.ca



Project Nar Durham W												_		
Facility A	ddress													
Unit Numbe	Street Number 455	ne st W				РО Вох								
Municipality Durham (N	Province ON - Or		ario		Postal Code									
Operating A	Authority ter Canada Inc.		!											
Mailing A	ddress													
Unit Number	1	ne resque Blvd	l W	Vest		РО Вох								
Municipality Montreal	y/City/Town	Province QC - Qu		bec		Postal Code H2Z 1B1								
File No.	Works Num	ber *	Me	ont		Perio			Days		charge ype	Update Code		
4 6	4 6 1 1 0 0 0 0 9 9					9 1 2 2 0 2 4 3 1								
1 2	3		11 16		-		19		20 21		22	80		
C.P.														
$\overline{}$	aw Sewage		Parameter (Сс	ode	Dec	Mon	thly A	verage l	Results	A # c	of Samples		
$\overline{}$	otal COD (mg/L)					2				640.00	+			
V	olatile Suspended Solids	s (mg/L)				2				281.00	1			
											-			
											+			
		3	30		34	35	38				J [
0 4 Fi	nal Effluent		Parameter (Сс	ode	Dec	Mon	thly A	verage l	Results	A # 0	of Samples		
12 13 AI	lkalinity, Total	(mg/L)	00051			4								
C	onductivity 25°C	(µS/cm)	91004	ļ		4								
E.	. Coli	(CT/100ml)	91000)		4				1.0000		1		
Ni	itrate, Unfiltered reactive	(mg/L)	00022			4								
	itrite, Unfiltered reactive	(mg/L)	00021			4								
pl			80770			4				7.3900		4		
-	emperature, Water	(°C)	80250			4				9.4500		4		
<u> </u>	n-ionized Ammonia	(mg/L)	91012			4				0.0010		1		
_	issolved Oxygen ydrogen Sulphide	(mg/L)	00003 83008		\dashv	4					-			
<u> </u>	otal COD (mg/L)	(mg/L)	03000			4			1	8.0000	\vdash	1		
	otal COD (mg/L)									0.0000	-	'		
 					\dashv									
					\exists									
		3	30		34	35	38							
Operator To 519-369-6	elephone Number 655	-	l. En	vironm		nitorir	ng and F		g Branch	ı, MECP, at				
	mail Address eolia.ccom			2			aterRepoi				l District	'Area		
Comments				1	ME	CP O	ffice. (Fin	d you	r local N	IECP of	fice: <u>http</u>	<u>s://</u>		
					ario.ca/er ent-distri			<u>u-energ</u>	y/ministr	<u>y-</u>				

2062E (2020/10)