March 29, 2023

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

#### Attention: Geoff Aitken, Public Works Director

#### RE: Neustadt Sewage Lagoons 2022 Annual Report

The 2022 Annual Operations Report for the Neustadt Sewage Lagoons is enclosed. The report is prepared in accordance with Environmental Compliance Approval Number 4631-6V4KUY annual report criteria and contains the following required components:

- A summary and interpretation of all influent, monitoring data and a review of the historical trend of the sewage characteristics and flow rates;
- A summary and interpretation of all final effluent monitoring data, including concentration, flow rates, and a comparison to the design objectives and compliance limits in the ECA, including an overview of the success and adequacy of the Works;
- A summary of any deviation from the monitoring schedule and reasons for the current reporting year and a schedule for the next reporting year;
- A description of any operating problems encountered and corrective actions taken;
- A summary of all normal and emergency repairs 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 influent and effluent monitoring equipment;
- A description of efforts made and results achieved in meeting the effluent objectives;
- An estimate of the sludge volumes in the lagoon cells. A summary of disposal locations and volumes of sludge 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;
- A summary of all Notice of Modifications to Sewage Works
- A summary of efforts made to achieve conformance with Procedure F-5-1, including but not limited to
  projects undertaken and completed in the sanitary sewer system that result in overall Bypass/Overflow
  elimination including expenditures and proposed projects to eliminate bypass/overflows with estimated
  forecast for the year following that for which the report is submitted and a summary of efforts made to
  achieve conformance with Procedure F-5-5 and establish/maintain a Pollution Prevention and Control
  Plan (PPCP)

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,

VEOLIA WATER CANADA INC.

Greg Prangley Project Manager

Veolia North America 555 Rene-Levesque Blvd W Suite 1450 Montreal, QC H2Z 1B1

www.Veolianorthamerica.com

## 1 Influent Monitoring and Historical Trends (as per ECA Section 11.4(a))

The Neustadt Wastewater Treatment Facility achieved all Certificate of Approval (Environmental Compliance Approval) effluent limits during 2022.

The annual average day flow was 209m<sup>3</sup>/d (16% less than in 2021 and also well under the five year average of 249m<sup>3</sup>), approximately 50% of the system's design capacity of 418m<sup>3</sup>/d. The maximum day flow was 679m<sup>3</sup> in December and was due to heavy precipitation. It is believed that there is a significant infiltration component to these flows as the daily flow processed by the drinking water system in 2022 was only about 115m<sup>3</sup>/d.

In the table below, a comparison of 2021 raw sewage parameters is compared to the five year average of those same parameters.

Raw Sewage Parameter	2022 Avg (mg/L)	Historical Five Year Avg.
TKN	52.5	39.0
TSS	426	281
BOD <sub>5</sub>	263	160
Total P	7.4	4.82

Overall, the 2022 raw sewage concentrations were all a fair bit higher than the five year historical averages.

### 2 Final Effluent Monitoring Data (as per ECA Section 11.4(b))

Plant performance data is compared to the performance criteria in the Table below

	Seasonal	Average Concentratio	n, mg/L
	Spring Discharge (April 1-May 31)	Fall Discharge (Nov. 1- Dec. 31)	
Parameter	Final Effluent	Final Effluent	MOE Effluent Limits
CBOD₅	13.6	3.8	30
Suspended Solids	22.8	5.2	40

Total Phosphorus	0.15	0.16	1
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Effluent was discharged from the lagoons from April 11-25 and Nov. 28-Dec. 12 inclusive. A total of approximately 62,538m<sup>3</sup> was discharged in 2022.

Effluent pH was maintained between 6.0 and 9.0 throughout the discharge period. Monthly MUMP (S1) forms for 2022 are attached.

### 3 Monitoring Schedule summary (11.4(c))

In 2022, effortw were made to collect monthly raw samples on the first Monday of each month; there were four months where this did not occur (Mar., Aug., Sept. Oct.). August was due to a stat holiday, while the others were delayed because of some operational issues at another West Grey wastewater facility and samples for both are typically collected at the same time.

Effluent samples were collected during each discharge period at the beginning of each discharge as well as at 25%, 50% and 75% drawdown and at the end of each seasonal discharge

### 4 Description of Operating Problems (as per ECA Section 11.4(d))

A review of flow data from the water and wastewater systems indicate there is significant infiltration into the Neustadt collection system. Some months have three times the flow going to the lagoons than is leaving the drinking water system.

A flow meter is now available to measure the flow being discharged from the lagoons. This was installed in time to read the fall flows. The spring flows were estimated.

### 5 Maintenance Summary (as per ECA Section 11.4(5))

- Alum tank venting inspected regularly
- Annual flow meter calibration and generator inspection completed
- Bar screens raked biweekly
- Diesel genset at pumping station tested monthly
- Wet well pumped out and washed down as required
- Regular safety checks (eyewash, fire extinguishers, emergency lighting)
- Some safety improvements (installed hose bib, replaced some lighting)

# 6 Effluent Quality Assurance or Control Measures (as per ECA Section 11.4(f))

A grab sample of raw sewage is collected monthly and tested for BOD<sub>5</sub>, suspended solids (TSS), total phosphorus (TP) and Total Kjeldahl Nitrogen (TKN).

Prior to discharging the lagoon, the waste stabilization cells are sampled for BOD<sub>5</sub>, TSS, TP, total ammonia, pH, hydrogen sulfide and dissolved oxygen.

During discharge periods in spring and fall, grab samples are collected at least twice weekly (minimum of five total) and analyzed for BOD<sub>5</sub>, TSS, TP, TKN, ammonia-nitrogen, E. Coli and hydrogen sulfide.

All samples were sent to SGS Laboratories for analysis

# 7 Effluent Monitoring Equipment Calibration/Maintenance (as per ECA Section 11.4(g))

The raw flow meter was calibrated in April 2022. The calibration report is on file at the plant.

### 8 Compliance with Effluent Objectives (as per ECA Section 11.4(h))

			ge Concentration ng/L)
Parameter	Spring Discharge	Fall Discharge	Effluent Objectives
CBOD <sub>5</sub>	13.6	3.8	25
Suspended Solids	22.8	5.2	30
Total Phosphorus	0.16	0.16	1

All effluent objectives were achieved in 2022

Average daily influent flow was about 50% of the rated capacity in 2022

### 9 Sludge Management (as per ECA Section 11.4(i))

Sludge depths were measured in Q3 2020. It is estimated that about 16-20% of the combined volume of the two cells contains sludge.

There was no sludge removed from this system in 2022. A clean out of the lagoons is not needed at this time. Another check of sludge depths will likely take place in 2025.

### **10** Summary of Complaints (as per ECA Section 11.4(j))

No complaints in 2022

## 11 Summary of Bypass, Overflow or Spills (as per ECA Section 11.4(k))

There were no bypass incidents in 2022.

### 12 Summary of all Notice of Modifications to Sewage Works Not applicable

#### 13 Summary of efforts to achieve conformance with Procedure F-5-1 and F-5-5

Bypasses are not typically an issue for this system. There have been no bypasses in recent years

The Municipality repaired five manholes where infiltration had previously been found

### Municipality of West Grey Neustadt Wastewater Lagoon System

2022	RAW	/ FLOWS Avg Day,	, m³ Max Day,	Count	BYPASSE Total Flow,	S Duration,	FINA Total Flow	L FLOWS Avg Day,	S, m³ Max Day,	Raw	5/CBOD5 Final CBOD5	T	SS Final	TOTAL	- PHOS	TK Raw	N Final	Ammonia <sub>Final</sub>	Unionized Ammonia mg/L Final	H2S Final	E Coli Geomean
WORT	101211100	m³	m³	Count	m³	hrs	10(8) 11000	m³	m³	BOD5		ixaw	i indi	INAW	i inai	IXAW	1 intai	i indi	T mai	i inai	Geomean
	6,433	208	278	0	n/a	n/a	n/a	n/a	n/a	478.0	n/a	189.0	n/a	2.36	n/a	19.9	n/a	n/a	n/a	n/a	n/a
2	8,029	287	577	0	n/a	n/a	n/a	n/a	n/a	307.0	n/a	597.0	n/a	8.05	n/a	53.0	n/a	n/a	n/a	n/a	n/a
3	11,185	361	518	0	n/a	n/a	n/a	n/a	n/a	82.0	n/a	71.0	n/a	2.57	n/a	31.7	n/a	n/a	n/a	n/a	n/a
4	8,352	278	347	0	n/a	n/a	50,330	3,355	3,595	235.0	13.6	420.0	22.8	4.89	0.15	36.1	8.3	6.9	0.07	0.01	116
5	6,364	205	251	0	n/a	n/a	n/a	n/a	n/a	287.0	n/a	334.0	n/a	6.86	n/a	55.9	n/a	n/a	n/a	n/a	n/a
6	5,982	199	343	0	n/a	n/a	n/a	n/a	n/a	271.0	n/a	584.0	n/a	5.60	n/a	38.0	n/a	n/a	n/a	n/a	n/a
7	4,233	137	169	0	n/a	n/a	n/a	n/a	n/a	293.0	n/a	465.0	n/a	12.60	n/a	90.2	n/a	n/a	n/a	n/a	n/a
8	4,346	140	224	0	n/a	n/a	n/a	n/a	n/a	122.0	n/a	232.0	n/a	4.75	n/a	49.5	n/a	n/a	n/a	n/a	n/a
9	4,262	142	244	0	n/a	n/a	n/a	n/a	n/a	121.0	n/a	520.0	n/a	10.60	n/a	81.2	n/a	n/a	n/a	n/a	n/a
10	4,672	151	214	0	n/a	n/a	n/a	n/a	n/a	295.0	n/a	806.0	n/a	7.10	n/a	40.0	n/a	n/a	n/a	n/a	n/a
11	4,620	154	276	0	n/a	n/a	2,325	775	872	237.0	1.0	426.0	7.0	7.70	0.15	73.5	1.3	0.1	0.008	0.0	5.0
12	7,502	242	679	0	n/a	n/a	9,883	824	872	428.0	2.8	469.0	4.5	15.30	0.17	61.3	1.23	0.10	0.02	0.01	8.0
Sum	75,980			0			62,538														
Average	6,332	209						1,651		263.0	5.8	426.1	11.4	7.4	0.16	52.5	3.6	2.3		0.02	n/a
Max	11,185		679						3,595	478.0	13.6	806.0	22.8	15.3	0.17	90.2		6.9		0.02	116.0
C of A limit		418.0									30.0		40.0		3.00						

Spring discharge: April 1-May 31 Fall discharge: Nov. 1-Dec. 31



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Mailing A	ddress									
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	uspended Solids	(mg/L)	0000			0		189		1
	KN	(mg/L)	000			2		19.90		1
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			30		34	35	38		48	51
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	OD <sub>5</sub>	(mg/L)	0000			1				
	uspended Solids	(mg/L)	0000	-		1				
	.mmonia + Ammonium	(mg/L)	000			2				
т	KN	(mg/L)	000	20		2				
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			30		34	35	38		48	51
	<b>Disinfection</b> Chlorine Used		500						1	
0	hlorine Dosage	(kg as Cl <sub>2</sub> ) (mg/L as Cl <sub>2</sub> )	5032			1			-	
	chlorine Residual	(mg/L as $Cl_2$ ) (mg/L as $Cl_2$ )	804 <sup>-</sup> 8042			1				
0		-	30	20	34	35	38		48	51
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	BOD <sub>5</sub>		(mg/L)	00	001		1					
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	Nitrate, Ur	nfiltered reactive	(mg/L)		0002	2			4												
	Nitrite, Un	filtered reactive	(mg/L)		0002	1			4												
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	Temperati	ure, Water	(°C)		8025				4												
		d Ammonia	(mg/L)		9101			-	4												
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Operating Veolia Wa	Authority ater Canada Inc.											
Mailing A	ddress											
Unit Numb 1450	er Street Nun 555		et Name ne-Leves	que Blv	d We	est					PO Box	
Municipalit Montreal	y/City/Town			Provinc QC - C		ec					Postal C H2Z 1E	
File No.	Work	s Number *		N	/lonth		Period * Year		Days	Di	scharge Type	Update Code
<b>4 6</b>	1 1 0 0	0 2 4	4 3		-	3 2	0 2	2 2	3 1 20 21		2	R 80
C.P.									20 21			
3 5 F	lows		Г	Parame	ter C	ode	Dec.	Mon	thly Result	s		
10 10	otal Flow	(10 <sup>3</sup>	m <sup>3</sup> )	50	010		3		11.1	_		
А	verage Daily Flow	,	/ m³/d)	50	015		3		0.3	61		
	faximum Daily Flow	(10 <sup>3</sup>	/ m <sup>3</sup> /d)	50	020		3		0.5			
	,	( -	3	0		34	35	38		46		
	Sypass		_					P			# of Oc	currences
<sup>12</sup> <sup>13</sup> P	Plant Bypass Volume	(10 <sup>3</sup>	m <sup>3</sup> )		270		3		0.0	00		0
D	Ouration	(hou	· _		680		1					
3 6 R	aw Sawara		3	0		34	35	38			# of S	amples
	Raw Sewage SOD <sub>5</sub>	(mg/l	) [	00	001					82	# 010	ampies 1
	Suspended Solids	(mg/l	· –		006		0			71		1
	KN	(mg/l	· –		020		2		31.			. 1
т	otal Phosphorus	(mg/l	í –		033		1			2.6		1
	·	( )	3			34	35	38			48	51
	inal Effluent		_				<b>P</b>	P				
<sup>12</sup> <sup>13</sup> T	otal Effl. Volume To	Watercourse	(10 <sup>3</sup> m <sup>3</sup> )	50	280		3		0.0	00		
	low Duration	(hou	rs)		680		1					
	Cell Depth	(m)			290		1					
	BOD <sub>5</sub>	(mg/l			002		1					
	SOD <sub>5</sub>	(mg/l	-		001		1					
	Suspended Solids	(mg/l			006		1					
	mmonia + Ammoniu				019		2					
	KN	(mg/l	· –		020		2			_		
1	otal Phosphorus	(mg/l	-) [ 3		033	34	35	38			48	51
0 9 0	Disinfection											
12 13 C	hlorine Used	(kg a	s Cl <sub>2</sub> )	50	320		1					
С	Chlorine Dosage	(mg/l	as Cl <sub>2</sub> )	80	410		1					
C	Chlorine Residual	(mg/l	as Cl <sub>2</sub> )	80	420		1					
			3	0		34	35	38			48	51
519-369-6					<b>R</b> (	Env		al Monito	ring and R			, MECP, at
	Email Address * /eolia.com				2.	You	r Environ	imental C	<mark>g@ontario.</mark> Officer at yc			Area
Comments	;						CP Office Contact		dress *			
							w.shann					



Project Na Neustadt		Lagoons															-	
Facility																		
Unit Num		Street Number Lot 4	Street Nar Concessi											PC	DВ	хс		
Municipal Neustadi	ity/City/To t (Municip	wn oality of West Gre	ey)	Provin ON -		ario								de				
Operating Veolia W	g Authority / <mark>ater Can</mark>	ada Inc.																
Mailing	Address																	
Unit Numl 1450	ber	Street Number 555	Street Nar Rene-Lev	me vesque Bl	vd V	Vest								PC	) Bo	хс		
Municipal Montreal		wn		Provir <mark>QC</mark> -		bec								1		l Coo B1	le	
File No.		Works Num	iber *		Mont	1	a Per	riod Ye				Days		char Гуре		] [		date ode
<b>4 6 1 2</b>	1	1 0 0 0	2 4 4		<b>0</b> 16	3	2	0	2	<b>2</b>	3			2 22		JL		<b>२</b>
C.P.	0									10	20	21						
	Raw Sewa	age		Paramete	er Co	ode	De	ec		Aonthl	y Ave	erage I	Results	] <b>þ</b>	#	f of S	amp	les
12 13	Total CO	D (mg/L)											120.00	1				1
1	Volatile S	Suspended Solids										67.00	1				1	
Ī														1				
Ī														1				
Ī														1				
Ī														1				
Γ														1				
Γ														1				
Ī																		
-				30		34	3	5	38									
U U	Final Efflu	ent		Paramete	er Cc	ode	De	ec		/Ionthl	y Ave	erage I	Results		#	<sup>t</sup> of S	amp	les
12 13	Alkalinity,	Total	(mg/L)	000	)51		4	ŧ.										
H	Conductiv	ity 25°C	(µS/cm)	910			4	_										
F	E. Coli		(CT/100ml)				4	ŧ.										
1	Nitrate, Ur	nfiltered reactive	(mg/L)	000	)22		4	1										
F		filtered reactive	(mg/L)	000			4	1										
H	pН			807			4	_							<u> </u>			
F	•	ure, Water	(°C)	802			4	_							<u> </u>			
H		d Ammonia	(mg/L)	910			4	_						-	<u> </u>			
H	Dissolved		(mg/L)	000			4	_						-	┝──			
H	Hydrogen		(mg/L)	830	800		4	1						-	<u> </u>			
-	Total CO	D (mg/L)												-	┝──			
-															<u> </u>			
-														-	┝──			
-														-	<u> </u>			
l				20		34	3	5	38									
	30 Operator Telephone Number						n co	om	plet	ed fo								
519-369-					1								eporting <u>ca</u> And	g Br	and	≿h, M	ECF	ν, at
fei.xue@					2	2. Yo	our E	nvi	ronm	nental	Office	er at yo	our loca					
Comment	ts												IECP of <mark>d-energ</mark>					
								istrict-			<u>a-onerg</u>	<u>yr 111</u>		<u>y-</u>				



Fields m	narked with	an asterisk (*)	are mandatory.									
Project I <mark>Neusta</mark>	Name dt Sewage	Lagoons										
Facility	/ Address											
Unit Nur	mber	Street Numbe	er Street Na Concess								PO Box	
Municipa Neusta	ality/City/To dt (Municip	own Dality of West	Grey)		rovince N - Onta	rio					Postal 0 N0G 21	
	ng Authority Water Can											
Mailing	y Address											
Unit Nur 1450	mber	Street Numbe			e Blvd W	est					PO Box	
Municipa Montrea	ality/City/To <mark>al</mark>	own			rovince C - Quet	bec					Postal C H2Z 1E	
File No.		Works I	Number *		Mont		Period * Year		Days	Di	scharge Type	Update Code
4 6	1	1 0 0	0 2 4 4	3	04	4 2	2 0 2	<b>2</b>	3 0 20 21		2	R 80
C.P.	7								20 2.			
3 5	Flows			Pa	rameter C	Code	Dec.	Mor	thly Results			
12 13	Total Flow	V	(10 <sup>3</sup> m <sup>3</sup> )		50010		3		8.35	52		
	Average D	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)		50015		3		0.27	<b>'</b> 8		
	Maximum	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)		50020		3		0.34	7		
3 5	Bunana			30		34	35	38		46	# of Oc	currences
12 13	Bypass Plant Byp	ass Volume	(10 <sup>3</sup> m <sup>3</sup> )		50270				0.00	0	11 01 0 0	0
	Duration		(hours)		81680				0.00			
	_		()	30	0.000	34	35	38				
3 6	Raw Sew	age								_	# of S	Samples
12 13	$BOD_5$		(mg/L)		00001		0		23			1
	Suspende	ed Solids	(mg/L)		00006		0		42	-		1
	TKN		(mg/L)		00020		2		36.1	-		1
	Total Pho	sphorus	(mg/L)	30	00033	34	1 35	38	4.	.9	48	<u> </u>
3 9	Final Effl	uent		50		0-	ן ״ <b>י</b> ן	Ň			-0	51
	-		atercourse (10 <sup>3</sup>	m <sup>3</sup> )	50280		3		50.33	30		
	Flow Dura		(hours)		81680		1		336.	.0		
	Cell Depth	า	(m)		50290		1					
	$CBOD_5$		(mg/L)		00002		1		13.	.6		5
	$BOD_5$		(mg/L)		00001		1					
	Suspende	ed Solids	(mg/L)		00006		1		22.	.8		5
		+ Ammonium	(mg/L)		00019		2		6.8			5
	TKN		(mg/L)		00020		2		8.3	_		5
	Total Pho	sphorus	(mg/L)	30	00033	34	2 35	38	0.1		48	<b>5</b>
0 9	Disinfect	ion		50		0-	<b>ַ</b> זאַ ז	Ň			-0	51
12 13	Chlorine L		(kg as Cl <sub>2</sub>	)	50320		1					
	Chlorine E	Dosage	(mg/L as (	Cl <sub>2</sub> )	80410		1					
	Chlorine F	Residual	(mg/L as 0	Cl <sub>2</sub> )	80420		1					
				30		34		38			48	51
Operato	r Telephon 9-6655	e Number			<b>R</b> 1.	En		l Monito	oring and Re	•	•	, MECP, at
	r Email Ado @veolia.co				2	Yo	ur Environr	nental (	<u>g@ontario.c</u> Officer at you			Area
Comme	nts						ECP Office. y Contact E		droce *			
							ew.shannc					



Project N Neustad	lame It Sewage	Lagoons																		
Facility	Address																			
Unit Num		Street Number Lot 4	Street Nar Concessi		4												PC	) Boy	<b>(</b>	
	lity/City/To It (Municip	u wn bality of West Gre	ey)		Provii <mark>ON -</mark>	nce Onta	ario											stal ( ) <mark>G 2</mark>		e
Operating Veolia V	g Authority Vater Can	ada Inc.															1			
Mailing	Address																			
Unit Num 1450	ıber	Street Number 555	Street Nar Rene-Lev		ue Bl	lvd W	/est										PC	) Boy	<	
Municipa Montrea	lity/City/To	wn			Provii <mark>QC -</mark>	nce Que	bec											stal ( 2Z1E		е
File No.		Works Num	iber *					a Pe						ays	7	Dis			Γ	Update
4 6		1 0 0 0	2 4 4	3		-	1n 4	2	0	ear 2			3	0			Гуре 2		L	Code R
1 2	3			11		16					1	9	20	21			22			80
C.P.	Raw Sewa	age		Par	ramet	ter Co	de		Dec		Mor	hlv	Ave	rage	Res	ults	] <b>(</b>	# 6	of Sa	amples
12 13	Total CO	-						F		-		,				0.00	1.			1
		Suspended Solids	s (mg/)					F							33	0.00	1			1
										-							4			
								-									-			
								-		-							-			
				30			34	L	35		38									
																	- 10	d		
	Final Efflu	ent		Par	ramet	ter Co	de		Dec	-	Mor	nthly	Ave	rage	Res	sults	₽	# c	of Sa	amples
12 13	Alkalinity,		(mg/L)		000				4											
	Conductiv	ity 25°C	(µS/cm)		910				4	-										
	E. Coli		(CT/100ml)		910				4					1		000	4			5
		nfiltered reactive	(mg/L)		000				4							200	4			5
		filtered reactive	(mg/L)		000			-	4	-						0080	4			5
	pH Tomporati	uro Mator	(°C)		807			╞	4	ŀ						5100	-			5
		ure, Water d Ammonia	(°C)		802 910			╞	4	╞						5200 0661	{			5 5
	Dissolved		(mg/L)		000			┝	4	ł					0.0	1 001	-			Э
	Hydrogen		(mg/L) (mg/L)		830			┝	4	ł					0.0	)100	-			5
	Total CO	-	(IIIg/L)		000			F	-	-						0000	-			1
								$\vdash$							50.0		{			<u> </u>
								H		-							1			
								┢		ł							1			
								┢		ł							1			
	L		:	30			34	L	35	l	38							L		
Operator 519-369	Telephone	e Number								-	e <b>ted</b> al Mo				Rep	ortine	g Br	anch	ı, Ml	ECP, at
Operator	Email Add										Repo						-			
fei.xue@	veolia.co					2					men									а
Commen											e. (Fir . <mark>ca/e</mark>									
E.coli re	sult is a G	Geomean									-distr					3	,		-	

environment-district-locator)



Fields mark	ed with an asterisk (*) are	mandatory.							
	Sewage Lagoons								
Facility A	ddress								
Unit Numbe	er Street Number Lot 4	Street Name Concession						PO Box	
Municipality Neustadt (	//City/Town Municipality of West Gre	ey)	Province ON - Or		)			Postal C NOG 21	
Operating A Veolia Wat	Authority ter Canada Inc.								
Mailing A	ddress								
Unit Numbe 1450	er Street Number 555	Street Name Rene-Leves		Wes	st			PO Box	
Municipality Montreal	ı/City/Town		Province QC - QL		c			Postal C H2Z 1E	
File No.	Works Num	ber *	Mc	Da Dinth	ata Period Ye		Days	Discharge Type	Update Code
<b>4 6 1 2</b>			<b>3 0</b> 11 16	5	2 0	2 2	3 1	2	R 80
C.P.	3		11 10			19	20 21	22	80
	ows		Paramete	er Coo	de Dec	c. 🖡 Mor	nthly Results		
<sup>12</sup> <sup>13</sup> To	otal Flow	(10 <sup>3</sup> m <sup>3</sup> )	500	10	3		6.364		
A	verage Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	15	3		0.205		
	aximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	5002	20	3		0.251		
3 5 By	ypass	:	30		34 35	38	46	# of Oc	currences
	ant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	5027	70	3		0.000		0
	uration	(hours)	8168				0.000		
			30		34 35	38		"	
	aw Sewage	( (1)				, <b>**</b>		# of S	Samples
	OD <sub>5</sub>	(mg/L)	0000		0	_	287		1
	uspended Solids	(mg/L)	0000		0		334		1
	KN .	(mg/L)	0002		2		55.90		1
10	otal Phosphorus	(mg/L)	0003 30	33	34 <u>35</u>		6.9	48	<b>1</b> 51
	nal Effluent				#	_ P			
<sup>12</sup> <sup>13</sup> To	otal Effl. Volume To Water	course (10 <sup>3</sup> m <sup>3</sup> )	5028	80	3				
	ow Duration	(hours)	8168		1				
	ell Depth	(m)	5029		1				
	BOD <sub>5</sub>	(mg/L)	0000	-	1	-			
	OD <sub>5</sub>	(mg/L)	0000		1	_			
	uspended Solids	(mg/L)	0000		1	_			
	mmonia + Ammonium	(mg/L)	000		2	_			
	<n .<="" td=""><td>(mg/L)</td><td>0002</td><td></td><td>2</td><td>_</td><td></td><td></td><td></td></n>	(mg/L)	0002		2	_			
Ic	otal Phosphorus	(mg/L)	0003 30	33	3435			48	51
0 9 Di	isinfection								
<sup>12</sup> <sup>13</sup> Cł	hlorine Used	(kg as Cl <sub>2</sub> )	5032	20	1				
Cł	hlorine Dosage	(mg/L as Cl <sub>2</sub> )	804	10	1				
Cł	hlorine Residual	(mg/L as Cl <sub>2</sub> )	8042	20	1				
Operator Te	elephone Number	:	30	Ret	34 35 urn com	38 pleted for	m to:	48	51
519-369-6	655			1.	Environm	ental Monit	oring and Repor		, MECP, at
Operator Er	mail Address * eolia.com			2.	Your Envi	ronmental	g <u>@ontario.ca</u> A Officer at your lc		Area
Comments				1	MECP Of				
no dischar	ge in May					act Email A nnon@on			



Project N Neustad		Lagoons																		
	Address																			
Unit Num		Street Number	Street Nan Concessi		1											PC	) Bo	х		
Municipa Neustad	lity/City/To It (Municip	own Dality of West G	irey)		Provin DN - (		rio											Coc 2N0	le	
Operating Veolia V	g Authority Vater Can	ada Inc.																		
Mailing	Address																			
Unit Num 1450	ıber	Street Number 555	Street Nar Rene-Lev		ie Blv	/d W	/est									PC	) Bo	х		
Municipa Montrea	lity/City/To	bwn			Provin QC - (		bec										stal	Coc B1	le	
File No.		Works Nu	mber *			Mont	1	a P	erio Y	d * ear			Day	/s	Disc	ha ype			Upda Cod	
4 6	1	1 0 0 0	2 4 4	3				2	0	-	2 2		3	1		2		JL	R	T
1 2	3			11		6	<u> </u>	-		1-	19		20	21		22	]		80	
C.P.																				
	D 0			Daw	amete		-1-		Dec		Maria		A	D		₿	щ	-4.0		
3 6 12 13	Raw Sewa	-		Para	amete	er Co	de	1	Dec		- Mon	niy /	Avera	-	esults	14	#	or S	ample	
12 13	Total CO		de (m. c)					ł							370.00					1
	volatile S	Suspended Soli	as (mg/)					ł						2	250.00					1
								ł												
								ł												
								ł												
								ł												
				30			34	l	35		38									
3 9	Final Efflu	ent		Para	amete	er Co	de	P	Dec	P	Mont	hly /	Avera	ge R	esults	þ	#	of S	ample	s
12 13	Alkalinity,	Total	(mg/L)		000	51		Ī	4											
	Conductiv	ity 25°C	(µS/cm)		9100	04			4											
	E. Coli		(CT/100ml)		9100	00			4											
	Nitrate, Uı	nfiltered reactive	(mg/L)		0002	22			4											
	Nitrite, Un	filtered reactive	(mg/L)		0002	21			4											
	pН				807	70			4											
	Temperat	ure, Water	(°C)		802				4											
	-	d Ammonia	(mg/L)		910 <sup>-</sup>				4											
	Dissolved		(mg/L)		0000				4											
	Hydrogen		(mg/L)		8300	38			4											
	Total CO	D (mg/L)																		
				30			34	l	35	ļ	38									
Operator 519-369	Telephone	e Number	·	30		<b>R</b>  1	letui		com	nple	eted f			nd Re	eporting	1 Br	anc	h M	FCP	at
Operator	Email Add						W	ast	eWa	ater	Repor	ting	@onta	ario.c	a And					
Commen	veolia.co	лн 				2									ur local ECP off				а	
	arge in M	av					W	ww	.onta	ario	.ca/en	viro	nment		-energy					
		,					er	IVI	<u>onm</u>	ent	-distric	JT-10	<u>cator</u> )							



Fields mark	ked with an asterisk (*) are	mandatory.							
Project Nar Neustadt S	ne Sewage Lagoons								
Facility A	ddress								
Unit Numbe	er Street Number Lot 4	Street Name Concession	14					PO Box	
	y/City/Town (Municipality of West Gre	ey)	Province ON - Or		1			Postal C N0G 21	
Operating A Veolia Wa	Authority Iter Canada Inc.								
Mailing A	ddress								
Unit Numbe 1450	er Street Number 555	Street Name Rene-Leves	que Blvd	Wes	t			PO Box	
Municipality Montreal	y/City/Town	·	Province QC - Qu		<b>b</b>			Postal C H2Z 1E	
File No.	Works Num	ber *	Mc	Da onth	ata Perioo Yo	d * ear	Days	Discharge Type	Update Code
<b>4 6 1 2</b>	1 1 0 0 0		<b>3 0</b> 1 16	6	2 0	2 2	3 0	2	R 80
C.P.	0		1 10			10	20 21	LL	
3 5 FI	lows	ſ	Paramete	er Cod	de De	c. Moi	nthly Results		
<sup>12</sup> <sup>13</sup> To	otal Flow	(10 <sup>3</sup> m <sup>3</sup> )	500 <sup>-</sup>	10	3		5.982		
A	verage Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	5001	15	3		0.199		
М	laximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	5002	20	3		0.343		
3 5 B	ypass	3	0		34 35	5 38	46	# of Occ	currences
	lant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	5027	70	3		0.000		0
	uration	(hours)	8168	30	1				
	_	3	0		34 35	5 38		# - 6 0	
	aw Sewage	(mg/L)	0000	24	•		074	# 01 5	Samples
	OD <sub>5</sub>	(mg/L)	0000				271		1
	uspended Solids	(mg/L)	0000				584		1
	KN	(mg/L)	0002		2		38.00		1
	otal Phosphorus	(mg/L)	0003 0	55	34 35		5.6	48	51
	inal Effluent	_			P	_ P			
<sup>12</sup> <sup>13</sup> To	otal Effl. Volume To Watero	ourse (10³ m³)	5028	30	3				
FI	low Duration	(hours)	8168	30	1				
C	ell Depth	(m)	5029	90	1				
	BOD <sub>5</sub>	(mg/L)	0000	)2	1				
B	OD <sub>5</sub>	(mg/L)	0000	-	1				
S	uspended Solids	(mg/L)	0000		1				
A	mmonia + Ammonium	(mg/L)	0001		2				
	KN	(mg/L)	0002		2				
То	otal Phosphorus	(mg/L)	0003	33	34 35			48	51
0 9 D	isinfection								
	hlorine Used	(kg as Cl <sub>2</sub> )	5032	20	1				
C	hlorine Dosage	(mg/L as Cl <sub>2</sub> )	8041	10	1				
C	hlorine Residual	(mg/L as Cl <sub>2</sub> )	8042	20	1				
Operator T	elephone Number	3	0	Ret	34 38 urn com	5 38 ipleted for	m to:	48	51
519-369-6	655			1. 1	Environm	ental Monit	oring and Repor		, MECP, at
Operator E	mail Address * eolia.com			2.	Your Env	ironmental	i <u>g@ontario.ca</u> Ai Officer at your lo		Area
Comments					MECP Of		ddrocc *		
no dischar	rge in June					act Email A annon@on			



Project N Neustad		Lagoons																		
	Address																			
Unit Nur		Street Number Lot 4	Street Nar Concessi		4											P	0	Box		
Municipa Neustad	lity/City/To It (Municip	⊔ own oality of West Gr	ev)		Provii <mark>ON</mark> -	nce Onta	ario											tal C G 2N	Code	
Operating	g Authority Vater Can	,																		
Mailing	Address																			
Unit Num 1450		Street Number	Street Nar Rene-Lev		ue Bl	lvd W	/est									P	0	Box		
Municipa Montrea	lity/City/To	þwn			Provii QC -	nce Que	bec											tal C Z1B	Code 1	
File No.		Works Nur	nber *			Mon	1	a P	erio	d * ear				ays	Di	ischa Typ		je		lpdate Code
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<b>4 6</b> 1 2	3		2 4 4	11		16	0	2	0	4	2 2 1!		20			22			ļ	80
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C.P.																_ 1	<b>1</b> 4			
	Raw Sewa	age		Par	ramet	ter Co	ode	P	Dec	P	Mor	nthly	Ave	rage	Results		B	# of	f Sar	nples
12 13	Total CO														610.0	0				1
	Volatile S	Suspended Solid	s (mg/)												456.0	0				1
																	L			
																	L			
																	L			
				30			34		35	;	38									
U U	Final Efflu			Par		ter Co	ode		Dec	P	Mor	nthly	Ave	rage	Results	5	Ê.	# of	i Sar	nples
12 13	Alkalinity,		(mg/L)		000	)51			4											
	Conductiv	rity 25°C	(µS/cm)		910	004			4											
	E. Coli		(CT/100ml)		910				4								L			
	Nitrate, Ur	nfiltered reactive	(mg/L)		000	)22			4								L			
	Nitrite, Un	filtered reactive	(mg/L)		000				4								L			
	рН				807			Ļ	4								L			
		ure, Water	(°C)		802			Ļ	4								Ļ			
	-	d Ammonia	(mg/L)		910			ļ	4								L			
	Dissolved		(mg/L)		000			ļ	4								L			
	Hydrogen		(mg/L)		830	800			4								L			
	Total CO	D (mg/L)															L			
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Operator 519-369	Telephone -6655	e Number								-					Reporti	na B	3ra	inch.	ME	CP. at
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fei.xue@	veolia.co					2									our loc					
Commen															/IECP o nd-ener					
no disch	arge in Ju	une									-distr					37/11		<u></u> y	-	



Fields ma	arked with a	an asterisk (*) are	mandatory.									
	t Sewage	Lagoons										
Facility	Address											
Unit Num	ber	Street Number Lot 4	Street Name Concession							1	PO Box	
	lity/City/To t (Municip	wn ality of West Gro	ey)	Province ON - Or		D					Postal C	
	g Authority /ater Cana	ada Inc.		•						·		
Mailing	Address											
Unit Num 1450	ber	Street Number 555	Street Name Rene-Leve		Wes	st				I	PO Box	
Municipal Montreal	lity/City/To I	wn		Province QC - Qu		с					Postal C H2Z 1B	
File No.		Works Num	ıber *	M	D onth	)ata F	<sup>*</sup> Period Year		Days		narge pe	Update Code
<b>4 6</b>	1	1 0 0 0		<b>3 0</b> 11 16	7	2	0 2	2 <b>2</b> 19	3 1 20 21		2	R 80
C.P.	Ŭ								20 2.	-	_	
	Flows			Paramete	er Co	de	Dec.	Mor	thly Results	7		
10 10	Total Flow		(10 <sup>3</sup> m <sup>3</sup> )	500	10		3		4.233	5		
	Average D	aily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	15		3		0.137	·		
	Maximum	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	20		3		0.169			
3 5	Bypass			30		34	35	38	4	· _	# of Oco	urrences
		ass Volume	(10 <sup>3</sup> m <sup>3</sup> )	502	70		3		0.000	ר ה		0
	Duration		(hours)	816	80		1					
3 6	Raw Sewa	200		30		34	35	38			# of S	amples
	BOD <sub>5</sub>	ige	(mg/L)	000	01		0		293			1
	Suspende	d Solids	(mg/L)	000			0		465			1
	TKN		(mg/L)	000	20		2		90.20			1
	Total Phos	phorus	(mg/L)	000	33		1		12.6			1
3 9	Final Efflu	ient		30		34	35	38		48		51
		Volume To Water	course (103 m3)	502	80		3			7		
	Flow Dura		(hours)	816			1			1		
	Cell Depth		(m)	502	90		1			1		
	CBOD <sub>5</sub>		(mg/L)	000	02		1			1 Г		
	BOD <sub>5</sub>		(mg/L)	000	01		1					
	Suspende	d Solids	(mg/L)	000	06		1					
	Ammonia	+ Ammonium	(mg/L)	000	19		2					
	TKN		(mg/L)	000			2					
	Total Phos	sphorus	(mg/L)	000 30	33	34	<b>2</b> 35	38		48		51
0 9	Disinfecti	on						p		-10		01
	Chlorine U		(kg as Cl <sub>2</sub> )	503	20		1			7		
	Chlorine D	osage	(mg/L as Cl <sub>2</sub> )	804	10		1			1		
	Chlorine R	esidual	(mg/L as Cl <sub>2</sub> )		20		1					
Operator	Telephone	Number		30	Ret	34 turn	35 comple	38 eted for	m to:	48		51
519-369-					1.	Envii	ronment	tal Monit	oring and Rep		Branch,	MECP, at
	Email Add Veolia.co				2.	Your	Enviror	nmental (	<u>g@ontario.ca</u> Officer at your		District/A	Area
Comment	ts				1		P Office	e. Email A	drees *			
no disch	arge in Ju	lly						ion@on				



Project N Neustad		Lagoons																		
Facility	Address																			
Unit Num		Street Number Lot 4	Street Nar Concessi		Ļ											PC	ЭB	ох		
Municipa Neustad	lity/City/To It (Municip	wn Dality of West G	rey)		rovino N - C		rio											I Co 2NC		
Operating Veolia W	g Authority Vater Can	ada Inc.		I												I				
Mailing	Address																			
Unit Num 1450	ıber	Street Number 555	Street Nar Rene-Lev		e Blv	/d W	/est									PC	ЭΒ	ох		
Municipa Montrea	lity/City/To	bwn			rovino C - C		bec											I Co B1	de	
File No.		Works Nur	mber *			Mont	1	a P	erio Y	d * ear			Da	iys	Disc	ha ype			•	date ode
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1 2	3			11		6		-	<b>_</b>	1-	19		20	21		22				30
C.P.																				
	D 0			<b>D</b>	amete		-1-		Dec		Maria		A							
3 6 12 13	Raw Sewa	-		Para	amete	er Co	ae	-	Dec		IVION	niy /	Avera	-	Results	-	- #	<sup>£</sup> of S	amp	
12 13	Total CO		L. (					ł							580.00					1
	Volatile S	Suspended Solic	is (mg/)					ł							357.00					1
								ł												
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								ł												
				30			34	l	35		38									
3 9	Final Efflu	ent		Para	amete	er Co	de	P	Dec	P	Mont	hly /	Avera	age F	Results		#	t of S	Samp	oles
12 13	Alkalinity,	Total	(mg/L)		0005	51		Ī	4											
	Conductiv	ity 25°C	(µS/cm)		9100	04			4											
	E. Coli		(CT/100ml)		9100	00			4											
	Nitrate, Uı	nfiltered reactive	(mg/L)		0002	22			4											
	Nitrite, Un	filtered reactive	(mg/L)		0002	21			4											
	pН				8077	70			4											
	Temperat	ure, Water	(°C)		8025				4											
	-	d Ammonia	(mg/L)		9101				4											
	Dissolved		(mg/L)		0000				4											
	Hydrogen		(mg/L)		8300	38			4											
	Total CO	D (mg/L)																		
				30			34	l	35	ļ	38									
Operator 519-369	Telephone	e Number		50		<b>R</b>  1	letui		com	nple	eted f			nd R	eporting	ı Br	an	ch N	1ECF	P at
Operator	Email Add					2	W	ast	eWa	ater	Repor	ting	@ont	tario.	<u>ca</u> And our local					, ut
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no disch	arge in Ju	uly									.ca/en -distrio				<u>d-energ</u>	<u>y/m</u>	inis	<u>try-</u>		



Fields ma	irked with a	an asterisk (*) are	mandatory.									
	t Sewage	Lagoons										
Facility /	Address											
Unit Numl	ber	Street Number Lot 4	Street Name Concession							F	PO Box	
	ity/City/To t (Municip	wn ality of West Gr	ey)	Province ON - OI		C					Postal C NOG 21	
	Authority ater Cana	ada Inc.										
Mailing /	Address											
Unit Numl 1450	ber	Street Number 555	Street Name Rene-Leve		Wes	st				F	PO Box	
Municipali Montreal	ity/City/To	wn		Province QC - QI		C					Postal C 12Z 1B	
File No.		Works Num	ıber *	М	C onth	)ata F	<sup>*</sup> Period Year		Days	Disch Ty	-	Update Code
<b>4 6</b>	1	1 0 0 0		3 0 11 16	8	2	0 2	2 <b>2</b> 19	3 1	2		R 80
C.P.	Ū							10	20 21	_	_	
	Flows			Paramete	er Co	de	Dec.	Mor	thly Results	7		
10 10	Total Flow		(10 <sup>3</sup> m <sup>3</sup> )	500	10		3		4.346	5		
	Average D	aily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	15		3		0.140	)		
I	Maximum	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	20		3		0.224			
3 5	Bypass			30		34	35	38	4	6	f of Oco	currences
		ass Volume	(10 <sup>3</sup> m <sup>3</sup> )	502	70		3		0.000	רן ה		0
I	Duration		(hours)	816	80		1					
3 6	Raw Sewa	206		30		34	35	38 1			# of S	amples
	BOD <sub>5</sub>	.ge	(mg/L)	000	01		0		122			1
:	Suspende	d Solids	(mg/L)	000	06		0		232	2		1
-	TKN		(mg/L)	000	20		2		49.50			1
-	Total Phos	phorus	(mg/L)	000	33		1		4.8			1
3 9	Final Efflu	ient		30		34	35	38		48		51
		Volume To Water	course (103 m3)	502	80		3			7		
	Flow Dura		(hours)	816			1			1		
(	Cell Depth		(m)	502	90		1			1		
(	CBOD <sub>5</sub>		(mg/L)	000	02		1					
I	BOD <sub>5</sub>		(mg/L)	000	01		1					
:	Suspende	d Solids	(mg/L)	000	06		1					
	Ammonia	+ Ammonium	(mg/L)	000	19		2					
-	TKN		(mg/L)	000	20		2					
-	Total Phos	phorus	(mg/L)	000 30	33	34	<b>2</b> 35	38		48		51
0 9	Disinfecti	on				01	Ĩ	pĭ		40		01
	Chlorine U		(kg as Cl <sub>2</sub> )	503	20		1			7		
(	Chlorine D	osage	(mg/L as Cl <sub>2</sub> )				1					
(	Chlorine R	esidual	(mg/L as Cl <sub>2</sub> )	804			1					
Operator	Telephone	Number		30	Ref	34 turn	35 comple	38 eted for	m to:	48		51
519-369-	Telephone -6655					Envii	ronment	tal Monit	oring and Rep		Branch,	MECP, at
	Email Add veolia.co				2.	Your	Enviror	nmental (	<u>g@ontario.ca</u> Officer at your		)istrict//	∖rea
Comment	ts				 		P Office	e. Email A	ddrocc *			
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Project N Neustad		Lagoons																			
	Address																				
Unit Num		Street Number Lot 4	Street Nar Concessi		4												PO	) Bo	х		
	lity/City/To It (Municip	wn oality of West Gr	ey)		Provir <mark>ON -</mark>	nce Onta	ario												Coc 2N0	le	
Operating Veolia V	g Authority Vater Can	ada Inc.																			
Mailing	Address																				
Unit Num 1450		Street Number 555	Street Nar Rene-Lev		ue Bl	lvd W	/est										PO	) Bo	х		
Municipa Montrea	lity/City/To	l wn			Provir QC -	nce <mark>Que</mark>	bec											stal Z1	Coc B1	le	
File No.		Works Nun	nber *			Mon	1	a P	erio	d * ear			D	ays		Disc	char ype		] [	Updat Code	
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0.5	1																				
C.P.				_			. ]											<u></u>			
3 6 12 13	Raw Sewa	-		Par	amet	er Co	ode		Dec		Mor	ithly	Ave	rage	Resu		þ	∎ # 	of S	amples	
12 13	Total CO		. (												240			<u> </u>			1
	Volatile S	Suspended Solid	s (mg/)												180	.00		<u> </u>			1
																		<u> </u>			
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				30			34	L	35		38						l				
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	Final Efflu	ent		Par	amet	er Co	ode	P	Dec	P	Mor	thly	Ave	rage	Resu	ılts	P	#	of S	ample	3
12 13	Alkalinity,	Total	(mg/L)		000	)51			4												
	Conductiv	ity 25°C	(µS/cm)		910	)04			4												
	E. Coli		(CT/100ml)		910	000			4												
	Nitrate, Uı	nfiltered reactive	(mg/L)		000	)22			4												
	Nitrite, Un	filtered reactive	(mg/L)		000				4									L			
	рН				807				4									<u> </u>			
	Temperat	ure, Water	(°C)		802				4									<u> </u>			
	-	d Ammonia	(mg/L)		910				4									<u> </u>			
	Dissolved	,,,	(mg/L)		000				4									<u> </u>			
	Hydrogen		(mg/L)		830	800			4									┝──			
	Total CO	D (mg/L)																<u> </u>			
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Operator	Telephone	a Number		30		F	• ·	rn (			eted	forr	n to								
519-369										-					Repo	rting	Br	anc	h, M	ECP, a	at
	Email Add					2	W	ast	eWa	ater	Repo nment	rting	<u>@o</u> i	ntario	<u>.ca</u> /	And					
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no disch	arge in A	ugust									.ca/ei -distri				<u>nd-er</u>	ergy	<u>//mi</u>	<u>inist</u>	<u>.ry-</u>		



Fields ma	arked with a	an asterisk (*) are	mandatory.									
	t Sewage	Lagoons										
Facility	Address											
Unit Num	ber	Street Number Lot 4	Street Name Concession							P	O Box	
	lity/City/To t <mark>(Municip</mark>	wn ality of West Gr	ey)	Province ON - Or		C					ostal Co D <mark>G 2N</mark> 0	
	g Authority /ater Can	ada Inc.		•								
Mailing	Address											
Unit Num 1450	ber	Street Number 555	Street Name Rene-Leve		Wes	st				P	O Box	
Municipal Montreal	lity/City/To	wn		Province QC - Qu		C					ostal Co 2Z 1B1	
File No.		Works Num	nber *	Mo	D onth	Data F	Period * Year		Days	Discha Type	-	Update Code
<b>4 6</b>	1	1 0 0 0		3 0 11 16	9	2	0 2	2 <b>2</b> 19	3 0	2		R 80
C.P.	0			11 10				10	20 21	LL		
	Flows			Paramete	er Co	de	Dec.	Mor	thly Results	]		
12 13	Total Flow		(10 <sup>3</sup> m <sup>3</sup> )	500	10		3		4.262			
	Average D	aily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	15		3		0.142	1		
	Maximum	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	20		3		0.244			
3 5	Bypass			30		34	35	38	46	· · · ·	of Occu	rrences
		ass Volume	(10 <sup>3</sup> m <sup>3</sup> )	502	70		3		0.000	1 ⊢		0
	Duration		(hours)	816	80		1					
3 6	Raw Sewa			30		34	35	38		-	# of Sai	mples
	BOD <sub>5</sub>	ige	(mg/L)	000	01		0	·	121	ı		1
	Suspende	d Solids	(mg/L)	000			0		520	┥ ├──		1
	TKN		(mg/L)	000			2		81.20			1
	Total Phos	phorus	(mg/L)	000			1		10.5	┥┝──		1
		4		30		34	35	38		48		51
	Total Efflu	<b>ient</b> Volume To Water	course (103 m3)	502	80		3			1		
	Flow Dura		(hours)	816			1			-		
	Cell Depth		(m)	502			1			-		
	CBOD <sub>5</sub>		(mg/L)	000			1					
	BOD <sub>5</sub>		(mg/L)	000			1			1		
	Suspende	d Solids	(mg/L)	000			1					
		+ Ammonium	(mg/L)	000			2					
	TKN		(mg/L)	000	20		2					
	Total Phos	phorus	(mg/L)	000	33		2					
				30		34	35	38		48		51
	Disinfecti Chlorine U		(kg as Cl <sub>2</sub> )	503	20		<b>-</b>	- -		1		
	Chlorine D		(mg/L as $Cl_2$ ) (mg/L as $Cl_2$ )				1			-		
	Chlorine R	-	$(mg/L as Cl_2)$ $(mg/L as Cl_2)$				1					]
			( <u>9</u> , <u>_</u> ao o <u>2</u> )	30	20	34	35	38		48		51
Operator 519-369-	Telephone - <mark>6655</mark>	Number			1.	Envii	ronment		oring and Rep		ranch, N	/IECP, at
	Email Add								<u>g@ontario.ca</u> Officer at your		strict/Ar	ea
Comment					1	MEC	P Office	э.	-			
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Project N Neustad	lame It Sewage	Lagoons																			-
	Address																				
Unit Num		Street Number	Street Nar Concessi		4												PC	) Bo	x		
	lity/City/To	wn bality of West Gr	ey)		Provir ON -		ario											stal	Cod N0	е	-
Operating	g Authority Vater Can															I					_
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Unit Num 1450		Street Number	Street Nar Rene-Lev		ue Bl	lvd W	/est										PC	) Bo	x		
Municipa Montrea	lity/City/To	wn		F	Provir QC -	nce												stal Z1	Cod 31	е	-
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C.P.									—		a —						BO:				_
	Raw Sewa	age		Par	amet	er Co	ode	P	Dec		Mor	nthly	Ave	rage	Resu	ılts	P	#	of Sa	amples	
12 13	Total CO	D (mg/L)													540	.00				1	1
	Volatile S	Suspended Solid	s (mg/)												288	.00				1	1
								Γ													
				30			34	-	35	3	38										-
	Final Efflu	ent		Par	amet	er Co	ode		Dec		Mor	nthly	Ave	rage	Resu	ılts	þ	#	of Sa	amples	_
12 13	Alkalinity,	Total	(mg/L)		000	)51			4												
	Conductiv	ity 25°C	(µS/cm)		910	)04			4												
	E. Coli		(CT/100ml)		910	000			4												
	Nitrate, Ur	nfiltered reactive	(mg/L)		000	)22		Γ	4												
	Nitrite, Un	filtered reactive	(mg/L)		000	)21		Γ	4												
	pН				807	70		[	4												_
	Temperati	ure, Water	(°C)		802	250		ſ	4												_
	Un-ionized	d Ammonia	(mg/L)		910	)12		[	4												_
	Dissolved	Oxygen	(mg/L)		000	003		Γ	4												_
	Hydrogen	Sulphide	(mg/L)		830	800			4												
	Total CO	D (mg/L)						Γ													
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			:	30			34		35		38	_									-
Operator 519-369	Telephone -6655	e Number						nvir	onm	ent	tal Mo	onito	ring	and F			Br	ancl	n, M	ECP, at	
fei.xue@	Email Add					2	2. Yo	our	Env	iron	nmen	tal C	office	r at y	<mark>o.ca</mark> A our lo	ocal				а	
Commen	ts														MECF						
no disch	arge in S	eptember									<u>.ca/e</u> -distr				nd-en	ergy	7111	nist	<u>y-</u>		



Fields ma	arked with	an asterisk (*) are	mandatory.								
Project N Neustad		Lagoons									
Facility	Address										
Unit Num	nber	Street Number Lot 4	Street Name Concession							PO Bo	X
	lity/City/To It (Municip	wn bality of West Gr	ey)	Province ON - O		D				Postal N0G 2	
	g Authority Vater Can										
Mailing	Address										
Unit Num 1450	nber	Street Number 555	Street Name Rene-Leve		d Wes	st				PO Bo	X
Municipa Montrea	lity/City/To I	wn	I	Province QC - Q		C				Postal H2Z 1	
File No.		Works Nun	nber *	М	C onth	Data F	Period * Yea	r	Days	Discharge Type	Update Code
<b>4 6</b>		1 0 0 0		3 1 11 16	-	2		2 2 19	3 1 20 21	2	R 80
C.P.	]			11 10				19	20 21	22	80
	Flows			Paramet	er Co	de	Dec.	Mor	thly Results	]	
12 13	Total Flow	1	(10 <sup>3</sup> m <sup>3</sup> )	500	010		3		4.672		
	Average D	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	)15		3		0.151		
	Maximum	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	20		3		0.214	-	
	1	-		30		34	35	38	46		
	Bypass Plant Bypa	ass Volume	(10 <sup>3</sup> m <sup>3</sup> )	502	270		3		0.000	# of O	ccurrences 0
	Duration		(hours)	816			1		0.000		•
			,	30		34	35	38		]	
	Raw Sew	age						<b>P</b>		# of	Samples
12 13	$BOD_5$		(mg/L)	000			0		295		1
	Suspende	d Solids	(mg/L)	000			0		806		1
	TKN		(mg/L)	000			2		40.00		1
	Total Phos	sphorus	(mg/L)	000 30	)33	34	1 35	38	7.1	48	<b>1</b> 51
3 9	Final Efflu	uent		30		34				40	51
		Volume To Water	course (10 <sup>3</sup> m <sup>3</sup> )	502	280		3			]	
	Flow Dura		(hours)	816	80		1				
	Cell Depth	ı	(m)	502	90		1				
	$CBOD_5$		(mg/L)	000	02		1				
	$BOD_5$		(mg/L)	000	01		1				
	Suspende	d Solids	(mg/L)	000	006		1				
	Ammonia	+ Ammonium	(mg/L)	000	)19		2				
	TKN		(mg/L)	000			2				
	Total Phos	sphorus	(mg/L)	000 30	)33	34	<b>2</b> 35	38		48	51
0 9	Disinfecti	on		50		04		Ĩ		40	51
	Chlorine L		(kg as Cl <sub>2</sub> )	503	320		1			1	
	Chlorine D	Dosage	(mg/L as Cl <sub>2</sub> )				1			-	
	Chlorine F	Residual	(mg/L as Cl <sub>2</sub> )				1			1	
				30		34	35	38		48	51
Operator 519-369	Telephone	e Number				Envi	ronmen		oring and Repo		h, MECP, at
	Email Add				2.	Your	r Enviro	nmental (	<u>g@ontario.ca</u> / Officer at your		/Area
Commen	-				1		CP Offic		1 - 1 +		
no disch	arge in O	ctober						t Email Ao non@on			



Project N Neustad		Lagoons																				
	Address																					
Unit Num		Street Number	Street Nar Concessi														PO Box					
	lity/City/To It (Municip	wn bality of West Gr	ey)		Province ON - Ontario												Postal Code N0G 2N0					
Operating Veolia V	g Authority Vater Can	ada Inc.														I					_	
Mailing	Address																				-	
Unit Num 1450	ne <mark>/esq</mark> t	sque Blvd West													PO Box							
1 J J.						Province QC - Quebec											Postal Code H2Z1B1					
File No.	e No. Works Number *					Mont	Data h	a Pe		d * ear			D	ays			scharge Update Type Code					
4 6		1 0 0 0	2 4 4	3	1  -			2	0	2	2		3	1	┥└		2		L	R		
1 2	3		2 7 7	11		16	•	2	0	2	- 2		20	21			22	]		80		
0.0																						
C.P.							. ]											<u> </u>				
3 6 12 13	Raw Sewa	-		Para	arameter Code												-					
12 13	Total CO		( D							-					430		ļ				1	
	Volatile S	Suspended Solid	s (mg/)												338	.00	ļ				1	
																	ļ					
										-							ł					
								+		-												
																	ł					
																	ł					
								+		-							ł					
				30			34	Ļ	35		38						l					
							0.											_				
3 9	Final Efflu	ent		Para	amet	er Co	de	Pb	)ec	P	Mon	thly	Ave	rage	Resu	ults	þ	# (	of Sa	amples		
12 13	Alkalinity,	Total	(mg/L)		000	)51			4	Ī							Ī					
	Conductiv	ity 25°C	(µS/cm)		910	)04			4	Ī							Ī				_	
	E. Coli		(CT/100ml)		910	000			4	Ī							Ī	-				
	Nitrate, Ur	nfiltered reactive	(mg/L)		000	)22			4								Ī					
	Nitrite, Un	filtered reactive	(mg/L)		000	)21			4												_	
	pН				807	70			4	ſ							Ī				_	
	Temperati	ure, Water	(°C)		802	250			4								[				_	
	Un-ionized	d Ammonia	(mg/L)		910	)12			4								[					
	Dissolved		(mg/L)		000			-	4													
	Hydrogen		(mg/L)		830	800			4													
	Total CO	D (mg/L)																				
								L		ļ												
								L	25		20						l					
<b>•</b> •			:	30			34 201		35 om		38 stad	forr	n ta									
Operator 519-369	Telephone	e Numper					<b>Retur</b> . Er			-					Repo	ortina	Br	ancl	п, M	ECP, a	t	
	Email Add	Iress													<u>b.ca</u> A		2.1		,	, u		
fei.xue@	veolia.co					2									our l					а		
Comments														MECF nd-en								
no discharge in October											-distri								+			



Fields mark	ed with an asterisk (*) are	mandatory.												
	Sewage Lagoons													
Facility Ac	Facility Address       Unit Number     Street Name   PO Box													
Unit Numbe	r Street Number Lot 4													
Municipality Neustadt (I	/City/Town Municipality of West Gre	ey)	Province ON - Or			Postal Code N0G 2N0								
	er Canada Inc.													
Mailing Ac	ldress													
Unit Numbe 1450	r Street Number 555	Street Name Rene-Leves		Wes		PO Box								
Municipality Montreal	/City/Town	Province QC - Qu		с					Postal Code H2Z 1B1					
File No.	File No. Works Number *					eriod * Year		Days		Vischarge Update Type Code				
<b>4 6</b>	1         1         0         0         0         2         4         4         3           3         11			1	2	0 2	<b>2</b> 19	3 0 20 21		2	R 80			
C.P.	-		11 16											
	ows		Paramete	er Co	de	Dec.	Mon	thly Results						
10 12	tal Flow	(10 <sup>3</sup> m <sup>3</sup> )	500	10		3		4.620	)					
Av	verage Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	15		3		0.154	1					
Ma	aximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	500	20		3		0.276						
3 5 By	pass	:	30		34	35	38	4	16 	# of Occ	urrences			
	ant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	502	70		3		0.000	ז ר		0			
Du	Iration	(hours)	816	80		1								
3 6 Ra	Servere		30		34	35	38			# of S	amples			
	aw Sewage DD <sub>5</sub>	(mg/L)	000	01		0		237	ר ה	# 01 04	1			
	ispended Solids	(mg/L)	000			0		426			1			
Τĸ	(N	(mg/L)	000	20		2		73.50	5		1			
То	tal Phosphorus	(mg/L)	000	33		1		7.7			1			
3 9 Fi	nal Effluent	:	30		34	35	38 N		48	3	51			
	tal Effl. Volume To Water	course (10 <sup>3</sup> m <sup>3</sup> )	502	80		3		2.325	5					
	ow Duration	(hours)	816			1		64.0	-					
Ce	ell Depth	(m)	502	90		1								
CE	BOD <sub>5</sub>	(mg/L)	000	02		1		1.0	<u>ן</u>		1			
BC	DD <sub>5</sub>	(mg/L)	000	01		1								
	spended Solids	(mg/L)	000			1		7.0	- +		1			
	nmonia + Ammonium	(mg/L)	000			2		0.05			1			
TK T		(mg/L)	000			2		1.30			1			
Io	tal Phosphorus	(mg/L)	0003 30	33	34	2 35	38	0.15	2	3	<b>1</b> 51			
0 9 Di	sinfection													
<sup>12</sup> <sup>13</sup> Ch	lorine Used	(kg as Cl <sub>2</sub> )	503	20		1								
Ch	lorine Dosage	(mg/L as Cl <sub>2</sub> )	804	10		1								
Ch	lorine Residual	(mg/L as Cl <sub>2</sub> )	804	20		1								
Operator Te	elephone Number		30	Ret	34 turn (	35 comple	38 ted forr	n to:	48	3	51			
519-369-66	655							ring and Rep		Branch,	MECP, at			
fei.xue@ve	nail Address * eolia.com			2.	Your	Environ	mental C	<u>@ontario.ca</u> )fficer at your		District/A	Area			
Comments		MECP Office. Ministry Contact Email Address *												
						.shanno								



Project N Neustad	lame It Sewage	Lagoons														
Facility	Address															
Unit Num		Street Number Lot 4	Street Nan Concessi				PO Box									
Municipa Neustad	lity/City/To It (Municip	wn oality of West Gr	ey)		vince   - Onta	Postal Code N0G 2N0										
	g Authority Vater Can															
Mailing	Address															
Unit Num 1450	nber	Street Number 555	Street Nan Rene-Lev		Blvd V	Vest						PO Box				
Municipa Montrea	lity/City/To I	wn			vince - <mark>Que</mark>	ebec						Postal Code H2Z1B1				
File No.	o. Works Number *				Mon	1	a Pe	riod Yea		Day		char Type	Update Code			
<b>4 6</b>		1 0 0 0	2 4 4	3	1	1	2	0	2 2	<b>3</b> 20	0	<b>2</b>		<b>R</b> 80		
C.P.	1								10	20						
	Raw Sewa	age		Param	eter Co	ode	De	ec	Month	ly Avera	ge Results		# of \$	Samples		
12 13	Total CO	-								-	610.00	1		1		
		Suspended Solid	s (mg/)								346.00	1		1		
		•	( 0 )									1				
												1				
												1				
												1				
												┥┝				
							-					┥┝				
							-					┥┝				
				30		34	3	5	38			JL				
	1		I	_		. ]		_								
	Final Efflu		4		eter Co	ode	De	_	Montr	ily Avera	ge Results	╎╹	# of a	Samples		
12 13	Alkalinity,		(mg/L)		0051		-	4				┤┟				
	Conductiv	ity 25°C	(µS/cm)	-	1004			4				┤┟				
	E. Coli		(CT/100ml)		1000			4			5.0000	4 4		1		
		nfiltered reactive	(mg/L)		0022			4			0.0300	4 1-		1		
	,	filtered reactive	(mg/L)		0021			4			0.0200	4 –		1		
	pH		(10)		0770			4			8.8300	4 –		1		
		ure, Water	(°C)		0250			4			3.9000	4 -		1		
	-	d Ammonia	(mg/L)		1012		-	4			0.0078	┥┝		1		
	Dissolved	,,,	(mg/L)		0003		-	4				┥┝				
	Hydrogen		(mg/L)	8	3008		4	4			0.0100	4 –		1		
	Total CO	D (mg/L)									31.0000	┤┟		1		
												┤┟				
												┤┟				
												┥┝				
				20			Ĺ		20			ΙL				
Onert	Tal!	n Niumak	;	30	l r	34 Rotu		5 5	38 Dieted fo	orm to:						
Operator 519-369	Telephone					1. E	nviro	nme	ntal Mon	itoring ar	nd Reportin	g Bra	anch, I	MECP, at		
	Email Add										<u>ario.ca</u> And at your loca	l Dist	trict/A	rea		
Comments						Μ	ECP	Offi	ce. (Find	your loc	al MECP of -and-energ	fice:	https:	<u>//</u>		
						er	nviror	nme	nt-district	-locator)						



Fields m	arked with	an asterisk (*) are	mandatory.														
Project N Neustad	Name dt Sewage	e Lagoons															
Facility	Address																
Unit Nun	nber	Street Number         Street Name           Lot 4         Concession 14											PO Box				
	ality/City/Tc dt (Municip	own Dality of West Gr	ey)		/ince - Onta	ario						Postal Code N0G 2N0					
	ng Authority <mark>Water Can</mark>			Į								-1					
Mailing	Address																
Unit Nun 1450	nber	Street Number 555	Street Name Rene-Leve		Blvd V	Vest	t					PO Box					
Municipa Montrea		/ince - <mark>Que</mark>	ebec	;					Postal Code H2Z 1B1								
File No.	File No. Works Number *						ata Pe	eriod * Year		Days		Discharge Update Type Code					
<b>4 6</b>					Mon 1	2	2	0 2	2	3 1 20 21		2	R				
C.P.	3			11	10				19	20 21		22	80				
3 5	Flows			Para	meter	Cod	е	Dec.	Mon	thly Results							
12 13	Total Flow	V	(10 <sup>3</sup> m <sup>3</sup> )		50010	)		3		7.50	2						
	Average D	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)		50015	5		3		0.25	0						
	Maximum	Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	30	50020	)	34	<b>3</b> 35	38	0.67	<mark>9</mark> 46						
3 5	Bypass			30				N	30		40	# of Occ	urrences				
12 13	Plant Byp	ass Volume	(10 <sup>3</sup> m <sup>3</sup> )		50270	)		3		0.00	0		0				
	Duration		(hours)		81680	)		<b>1</b> 35									
3 6	Raw Sew	ade		30			34		38			# of S	amples				
12 13	BOD <sub>5</sub>	-90	(mg/L)		00001	1		0		42	8		1				
	Suspende	ed Solids	(mg/L)		00006	6		0		46	9		1				
	TKN		(mg/L)		00020	)		2		61.3	0		1				
	Total Pho	sphorus	(mg/L)	30	00033	3	34	1 35	38	15.		48	<b>1</b> 51				
3 9	Final Effl	uent		00			1	N i				-0	51				
12 13	Total Effl.	Volume To Water	course (10 <sup>3</sup> m <sup>3</sup> )		50280	)		3		9.88	3						
	Flow Dura	ation	(hours)		81680	)		1		176.	0						
	Cell Depth	ו	(m)		50290			1				r					
	CBOD <sub>5</sub>		(mg/L)		00002		_	1		2.	8		4				
	BOD <sub>5</sub>	d Calida	(mg/L)		00001		_	1		4	5		1				
	Suspende	+ Ammonium	(mg/L) (mg/L)		00006 00019		_	1		4. 0.1	_		4				
	TKN	Animonium	(mg/L)		00018		_	2		1.2	_		4				
	Total Pho	sphorus	(mg/L)		00033		_	2		0.1	_		4				
	-		( 3 )	30		-	34	35	38			48	51				
0 9 12 13	Disinfect		<i>"</i> <b>. . . . . . . . . .</b>	r			<b>!</b>	•	<b>.</b>		_						
12 13	Chlorine L		(kg as Cl <sub>2</sub> )		50320			1			_						
	Chlorine E Chlorine F	-	(mg/L as Cl <sub>2</sub> ) (mg/L as Cl <sub>2</sub> )		80410		_	1			_	[					
	Chionner	<b>Nesidua</b> i	(IIIg/L as CI <sub>2</sub> )	30	80420	J	34	35	38			48	51				
Operator	r Telephon 9-6655	e Number				Return completed form to: 1. Environmental Monitoring and Reporting Branch, MECP, at											
Operator Email Address * fei.xue@veolia.com						7	Naste	WaterF	Reporting	g@ontario.ca	a And	Ī					
Commer						MECP Office.											
									Email Ad on@ont								



Project N Neustad	lame It Sewage	Lagoons																				
Facility	Address																					
Unit Num		Street Nar Concessi													PO Box							
	lity/City/To It (Municip	u wn pality of West Gre			Province ON - Ontario												ostal 0G 2		e			
Operating Authority Veolia Water Canada Inc.																1						
Mailing	Address																					
Unit Num 1450		ne / <mark>esq</mark> i	ue Bl	vd W	/est									PO Box								
Municipality/City/Town Montreal						nce Quel	bec									Postal Code H2Z1B1						
							Dat	a Po	erioc	* t			_		Dis	scha	arge	1 [	Update			
File No.		Works Num	ber *			Mont	h		Ye	ear			Da	iys		Тур			Code			
4 6 1 2	1	1 0 0 0	2 4 4	3 11		1 16	2	2	0	2	2 19		<b>3</b> 20	1 21		2 22			<b>R</b> 80			
C.P.	]																					
-	Raw Sewa			Par	ramet	er Co	de		Dec		Mont	hlv		ade E	Results	∖ ¥	#	of S	mnles			
3 6 12 13	Total CO	-		ı aı	ameu		ue		500	-	WOIL	i ii y i			750.00							
		Suspended Solids	(ma/)					F		-					415.00	1						
	Volatile 3	Suspended Solids	s (mg/)					+		-					+15.00	-	-					
								-		-							-					
								F		-						-						
								+		-						-	_					
								F		-						-	<u> </u>					
								+		-						-	_					
								+		-						-	_					
				30			34	L	35	3	8											
3 9	Final Efflu	ent		Par	ramet	er Co	de	<b>F</b>	Dec	P	Mont	hly .	Avera	age F	Results	] ₽	#	of Sa	amples			
12 13	Alkalinity,	Total	(mg/L)		000	)51			4													
	Conductiv	ity 25°C	(µS/cm)		910	04		T	4													
	E. Coli		(CT/100ml)		910	000			4					8	3.0000	)			4			
	Nitrate, Ur	nfiltered reactive	(mg/L)		000	)22			4	Ī				(	0.0300				4			
	Nitrite, Un	filtered reactive	(mg/L)		000	)21			4					(	0.0200	)			4			
	pН				807	70		F	4	Ī				8	3.8300				4			
	Temperati	ure, Water	(°C)		802	250		F	4	Ī				2	2.4000	)			4			
	Un-ionized	d Ammonia	(mg/L)		910	)12		F	4	Ī				(	0.0160	)			4			
	Dissolved	Oxygen	(mg/L)		000	03		F	4	Ē						1						
	Hydrogen	Sulphide	(mg/L)		830	800			4	Ī				(	0.0100				4			
	Total CO	D (mg/L)								Ī												
								ſ		Ī						1						
								F		ſ												
	L		:	30			34		35	-	8						·					
Operator Telephone Number 519-369-6655							. Er	nviro	onm	enta		nitor	ing a				ranc	h, M	ECP, at			
Operator Email Address fei.xue@veolia.com					2	. Yo	our	Envi	iron	menta	al O	fficer	at yo	<mark>ca</mark> And our loca	ıl Di			а				
Comments						М	ECF	P Of	fice	. (Find	d yo	ur loo	cal M	ECP o <sup>.</sup> d-energ	ffice	: <u>htt</u>	ps://					
E. coli is a geomean										distric					<u>y/۱۱</u>	must	<u>. y-</u>					