



February 24, 2025

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

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

**RE: Neustadt Sewage Lagoons System  
2024 Annual Report**

The 2024 Annual Summary Report for the Neustadt Sewage Lagoons Facility is enclosed. The report is prepared in accordance with Certificate of Approval Sewage Number 4631-6V4KUY annual report criteria and contains the following required components:

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

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

Sincerely,

Scott Gowan  
Project Manager  
Veolia Water Canada Inc.

## 1 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 2024.

The annual average day flow was 218m<sup>3</sup>/d (16% less than in 2023 and slightly below the five year average of 242 m<sup>3</sup>), approximately 52% of the system's design capacity of 418m<sup>3</sup>/d. The maximum day flow was 635 m<sup>3</sup> in April 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 2024 was only about 140m<sup>3</sup>/d.

In the table below, a comparison of **2024** raw sewage parameters is compared to the five year average of those same parameters.

Type text here

Raw Sewage Parameter	2024 Avg (mg/L)	Historical Five Year Avg.
TKN	52.1	41.6
TSS	471	255
BOD <sub>5</sub>	229	197
Total P	6.65	5.45

Note that the above values are grab samples as per the Certificate of Approval Requirement. Therefore, these results can vary significantly.

Overall, the 2024 raw sewage concentrations were all higher than the five year historical averages, but still within expected Raw Sewage Concentrations.

## 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 Concentration, mg/L		
	Spring Discharge (April 1-May 31)	Fall Discharge (Nov. 1- Dec. 31)	
Parameter	Final Effluent	Final Effluent	MOE Effluent Limits
CBOD <sub>5</sub>	16.4	15.4	30

Suspended Solids	33.6	19.8	40
Total Phosphorus	0.19	0.29	1

Effluent was discharged from the lagoons from April 2 to April 15, Dec. 2 to Dec. 18 inclusive. A total of approximately 58,023m<sup>3</sup> was discharged in 2024.

Effluent pH was maintained between 6.0 and 9.0 throughout the discharge period.

All Effluent Limits from the ECA were met, however the Federal annual average limit of 25 mg/l for Total Suspended Solids was exceeded. An annual average of 26.7 mg/l was achieved for 2024. The suspected cause of this exceedance was related to an elevated amount of algae on the lagoon surface.

The Annual Federal Report and Monthly MUMP (S1) forms for 2024 are attached.

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

In 2024, efforts were made to collect monthly raw samples on the first Tuesday of each month.

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 plant. For example in April of 2024 the average flow from the Water Treatment Facility was 122 m<sup>3</sup>/day while the average Raw Sewage flow was 348 m<sup>3</sup>/day. Typically Raw Sewage flow rates should be less than or equal to Water Treatment flows.

A flow meter is now available to measure the flow being discharged from the lagoons.

### 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
- Annual Diesel Generator Maintenance, and Bi-Annual Load Test was Performed
- Wet well pumped out and washed down as required
- Regular safety checks (eyewash, fire extinguishers, emergency lighting)
- Backflush raw sewage pumps monthly

## 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 2024. The calibration report is on file in the Veolia West Grey Shared drive.

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

		Annual Average Concentration (mg/L)	
Parameter	Spring Discharge	Fall Discharge	Effluent Objectives
CBOD <sub>5</sub>	16.4	15.4	25
Suspended Solids	33.6	19.8	30
Total Phosphorus	0.19	0.29	1

During the spring discharge the Effluent Objective of 30 mg/l Total Suspended Solids was exceeded at 33.6 mg/l. The suspected cause of this objective exceedance was related to an elevated amount of algae on the lagoon surface. All other Effluent Objectives were met.

Average daily influent flow was about 52% of the rated capacity in 2024.

## 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 2024. 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 2024

**11 Summary of Bypasses, Overflows and/or Spills (as per ECA Section 11.4(k))**

There were no Bypass, Overflow, or Spill incidents in 2024.

**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

Municipality of West Grey  
**Neustadt Wastewater Lagoon System**

2024	RAW FLOWS, m³			FINAL FLOWS, m³			BOD5/CBOD5		TSS		TOTAL PHOS		TKN		Ammonia	H2S	E Coli
Month	Total Flow	Avg Day, m³	Max Day, m³	Total Flow	Avg Day, m³	Max Day, m³	Raw BOD5	Final CBOD5	Raw	Final	Raw	Final	Raw	Final	Final	Final	Geomean
1	10,201	329	591	n/a	n/a	n/a	243.0	n/a	224.0	n/a	4.35	n/a	38.7	n/a	n/a	n/a	n/a
2	7,929	273	373	n/a	n/a	n/a	43.0	n/a	29.0	n/a	3.40	n/a	29.9	n/a	n/a	n/a	n/a
3	9,256	299	363	n/a	n/a	n/a	172.0	n/a	111.0	n/a	2.81	n/a	29.9	n/a	n/a	n/a	n/a
4	10,431	348	635	48,472	3,462	3,729	278.0	16.4	359.0	33.6	5.66	0.19	49.7	5.9	4.5	0.02	226
5	7,513	242	412	n/a	n/a	n/a	312.0	n/a	161.0	n/a	6.14	n/a	37.7	n/a	n/a	n/a	n/a
6	4,687	156	201	n/a	n/a	n/a	306.0	n/a	381.0	n/a	4.37	n/a	36.4	n/a	n/a	n/a	n/a
7	5,240	169	411	n/a	n/a	n/a	415.0	n/a	242.0	n/a	8.73	n/a	73.9	n/a	n/a	n/a	n/a
8	4,610	149	201	n/a	n/a	n/a	106.0	n/a	196.0	n/a	9.94	n/a	55.0	n/a	n/a	n/a	n/a
9	4,114	137	164	n/a	n/a	n/a	114.0	n/a	1,610.0	n/a	9.50	n/a	66.0	n/a	n/a	n/a	n/a
10	3,815	123	143	n/a	n/a	n/a	308.0	n/a	1,490.0	n/a	9.70	n/a	75.0	n/a	n/a	n/a	n/a
11	3,906	130	157	n/a	n/a	n/a	319.0	n/a	538.0	n/a	12.50	n/a	114.0	n/a	n/a	n/a	n/a
12	8,137	262	634	9,551	562	597	131.0	15.4	313.0	19.8	2.64	0.29	19.5	4.5	2.58	0.02	213.0
Sum	79,839			58,023													
Average	6,653	218			2,012		228.9	15.9	471.2	26.7	6.6	0.24	52.1	5.2	3.5	0.02	n/a
Max	10,431		635			3,729	415.0	16.4	1,610.0	33.6	12.5	0.29	114.0		4.5	0.02	226.0
C of A limit		418.0						30.0		40.0		2.00					

Spring discharge: April 2-15

Fall discharge: December 2-18



Government  
of Canada

Gouvernement  
du Canada

## Effluent Regulatory Reporting Information System

Gowan Scott

Sign out

Home Reports Applications ec.gc.ca

Home > Monitoring Reports > Monitoring Report View

### Monitoring Report

#### Wastewater System Summary

Owner:	The Corporation of the Municipality of West Grey		
Wastewater System:	Neustadt Lagoons		
Approval State:	Approved		
Reporting Year:	2024	Reporting Period:	January To December
System Type:	Intermittent	Average daily effluent volume (m³) based on volumes from the previous year:	250.4
Reporting Frequency:	Annually	Averaging Period:	Annually

#### Effluent Monitoring Data

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

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

January:	No	February:	No	March:	No
April:	Yes	May:	No	June:	No
July:	No	August:	No	September:	No
October:	No	November:	No	December:	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			25mg/L	25mg/L
Reporting Period				
January To December	30	58023.0	15.9	26.7

Indicate any months from May to November (maximum of four) where the suspended solids results were not included in the calculation of the average because the result was greater than 25 mg/L and the result was caused by a bloom of algae or aquatic invertebrate:

May:	<input type="checkbox"/>	June:	<input type="checkbox"/>
July:	<input type="checkbox"/>	August:	<input type="checkbox"/>
September:	<input type="checkbox"/>	October:	<input type="checkbox"/>
November:	<input type="checkbox"/>		

#### Acute Lethality Test Results

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

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

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

Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number	Street Number Lot 4	Street Name Concession 14	PO Box
Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.		3 5		<b>Flows</b>		Parameter Code	Dec.	Monthly Results
12	13	Total Flow	(10 <sup>3</sup> m <sup>3</sup> )	50010	3	10.201		
		Average Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.329		
		Maximum Daily Flow	(10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.591		
				30	34	35	38	46
3 5		<b>Bypass</b>						# of Occurrences
12	13	Plant Bypass Volume	(10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000		0
		Duration	(hours)	81680	1			
				30	34	35	38	
3 6		<b>Raw Sewage</b>						# of Samples
12	13	BOD <sub>5</sub>	(mg/L)	00001	0	243		1
		Suspended Solids	(mg/L)	00006	0	224		1
		TKN	(mg/L)	00020	2	38.70		1
		Total Phosphorus	(mg/L)	00033	1	4.4		1
				30	34	35	38	48 51
3 9		<b>Final Effluent</b>						
12	13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )		50280	3			
		Flow Duration	(hours)	81680	1			
		Cell Depth	(m)	50290	1			
		CBOD <sub>5</sub>	(mg/L)	00002	1			
		BOD <sub>5</sub>	(mg/L)	00001	1			
		Suspended Solids	(mg/L)	00006	1			
		Ammonia + Ammonium	(mg/L)	00019	2			
		TKN	(mg/L)	00020	2			
		Total Phosphorus	(mg/L)	00033	2			
				30	34	35	38	48 51
0 9		<b>Disinfection</b>						
12	13	Chlorine Used	(kg as Cl <sub>2</sub> )	50320	1			
		Chlorine Dosage	(mg/L as Cl <sub>2</sub> )	80410	1			
		Chlorine Residual	(mg/L as Cl <sub>2</sub> )	80420	1			
				30	34	35	38	48 51

Operator Telephone Number  
519-369-6655

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

Comments  
no effluent discharge in January

**Return completed form to:**

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

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





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

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

C.P.	3 5	<b>Flows</b>	Parameter Code	Dec.	Monthly Results
12 13		Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	7.929
		Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.273
		Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.373
			30 34	35 38	46
3 5		<b>Bypass</b>			# of Occurrences
12 13		Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000
		Duration (hours)	81680	1	
			30 34	35 38	
3 6		<b>Raw Sewage</b>			# of Samples
12 13		BOD <sub>5</sub> (mg/L)	00001	0	43
		Suspended Solids (mg/L)	00006	0	29
		TKN (mg/L)	00020	2	29.90
		Total Phosphorus (mg/L)	00033	1	3.4
			30 34	35 38	48 51
3 9		<b>Final Effluent</b>			
12 13		Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3	
		Flow Duration (hours)	81680	1	
		Cell Depth (m)	50290	1	
		CBOD <sub>5</sub> (mg/L)	00002	1	
		BOD <sub>5</sub> (mg/L)	00001	1	
		Suspended Solids (mg/L)	00006	1	
		Ammonia + Ammonium (mg/L)	00019	2	
		TKN (mg/L)	00020	2	
		Total Phosphorus (mg/L)	00033	2	
			30 34	35 38	48 51
0 9		<b>Disinfection</b>			
12 13		Chlorine Used (kg as Cl <sub>2</sub> )	50320	1	
		Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1	
		Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1	
			30 34	35 38	48 51

Operator Telephone Number  
519-369-6655

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

Comments  
no effluent discharge in Feb

**Return completed form to:**

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

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

Project Name

Neustadt Sewage Lagoons

### Facility Address

Unit Number

Street Number

Lot 4

Street Name

### Concession 14

| PO Box

Municipality/City/Town

Neustadt (Municipality of West Grey)

Province

ON - Ontario

Postal Code	
-------------	--

N0G 2N0

Operating Authority

Veolia Water Canada Inc.

### Mailing Address

Unit Number

1450

Street Number

555

Street Name

Rene-Levesque Blvd West

| PO Box

Municipality/City/Town

Montreal

Province

QC - Quebec

Postal Code	
-------------	--

H2Z1B1

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

C.P.		Raw Sewage	Parameter Code	Dec	Monthly Average Results	# of Samples		
3	6							
12	13						Total COD (mg/L)	85.00
							Volatile Suspended Solids (mg/)	22.00

[illegible]

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Comments

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

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

C.P.							
3 5	Flows	Parameter Code	Dec.	Monthly Results			
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	9.256			
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.299			
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.363			
3 5	Bypass					# of Occurrences	
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000		0	
	Duration (hours)	81680	1				
3 6	Raw Sewage					# of Samples	
12 13	BOD <sub>5</sub> (mg/L)	00001	0	172		1	
	Suspended Solids (mg/L)	00006	0	111		1	
	TKN (mg/L)	00020	2	29.90		1	
	Total Phosphorus (mg/L)	00033	1	2.8		1	
3 9	Final Effluent						
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3				
	Flow Duration (hours)	81680	1				
	Cell Depth (m)	50290	1				
	CBOD <sub>5</sub> (mg/L)	00002	1				
	BOD <sub>5</sub> (mg/L)	00001	1				
	Suspended Solids (mg/L)	00006	1				
	Ammonia + Ammonium (mg/L)	00019	2				
	TKN (mg/L)	00020	2				
	Total Phosphorus (mg/L)	00033	2				
0 9	Disinfection						
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1				
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1				
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1				

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Comments  
no effluent discharge in March

**Return completed form to:**

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4 6	1 1 0 0 0 2 4 4 3	Month: 0 4 Year: 2 0 2 4	3 0	2	R
1 2	3 11	16 19	20 21	22	80

C.P.							
3 5	Flows	Parameter Code	Dec.	Monthly Results			
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	10.431			
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.348			
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.635			
3 5	Bypass					# of Occurrences	
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000		0	
	Duration (hours)	81680	1				
3 6	Raw Sewage					# of Samples	
12 13	BOD <sub>5</sub> (mg/L)	00001	0	278		1	
	Suspended Solids (mg/L)	00006	0	359		1	
	TKN (mg/L)	00020	2	49.70		1	
	Total Phosphorus (mg/L)	00033	1	5.7		1	
3 9	Final Effluent						
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3	48.472			
	Flow Duration (hours)	81680	1	312.0			
	Cell Depth (m)	50290	1				
	CBOD <sub>5</sub> (mg/L)	00002	1	16.4		5	
	BOD <sub>5</sub> (mg/L)	00001	1				
	Suspended Solids (mg/L)	00006	1	33.6		5	
	Ammonia + Ammonium (mg/L)	00019	2	4.48		5	
	TKN (mg/L)	00020	2	5.92		5	
	Total Phosphorus (mg/L)	00033	2	0.19		5	
0 9	Disinfection						
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1				
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1				
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1				

Operator Telephone Number

519-369-6655

Operator Email Address \*

fei.xue@veolia.com

Comments

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- Your Environmental Officer at your local District/Area MECP Office.

Ministry Contact Email Address \*

matthew.shannon@ontario.ca

Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number

Street Number

Lot 4

Street Name

Concession 14

PO Box

Municipality/City/Town

Neustadt (Municipality of West Grey)

Province

ON - Ontario

Postal Code

N0G 2N0

Operating Authority

Veolia Water Canada Inc.

**Mailing Address**

Unit Number

1450

Street Number

555

Street Name

Rene-Levesque Blvd West

PO Box

Municipality/City/Town

Montreal

Province

QC - Quebec

Postal Code

H2Z1B1

File No.

4 6  
1 2

Works Number \*

1 1 0 0 0 2 4 4 3  
3 11

Data Period \*

Month

Year

0 4 2 0 2 4  
16 19

Days

3 0  
20 21

Discharge  
Type

2  
22

Update  
Code

R  
80

C.P.

3 6  
12 13

Raw Sewage

Parameter Code

Dec

Monthly Average Results

# of Samples

Total COD (mg/L)

385.00

1

Volatile Suspended Solids (mg/L)

328.00

1


30

34

35

38

3 9  
12 13

Final Effluent

Parameter Code

Dec

Monthly Average Results

# of Samples

Alkalinity, Total (mg/L)

00051

4

Conductivity 25°C (µS/cm)

91004

4

E. Coli (CT/100ml)

91000

4

225.0000

5

Nitrate, Unfiltered reactive (mg/L)

00022

4

0.2000

5

Nitrite, Unfiltered reactive (mg/L)

00021

4

0.0300

5

pH

80770

4

8.7200

5

Temperature, Water (°C)

80250

4

10.3600

5

Un-ionized Ammonia (mg/L)

91012

4

Dissolved Oxygen (mg/L)

00003

4

Hydrogen Sulphide (mg/L)

83008

4

0.0200

5

Total COD (mg/L)

72.0000

1


30

34

35

38

Operator Telephone Number

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Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number	Street Number Lot 4	Street Name Concession 14	PO Box
Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.					
3 5	<b>Flows</b>	Parameter Code	Dec.	Monthly Results	
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	7.513	
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.242	
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.412	
3 5	<b>Bypass</b>			# of Occurrences	
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000	
	Duration (hours)	81680	1		
3 6	<b>Raw Sewage</b>			# of Samples	
12 13	BOD <sub>5</sub> (mg/L)	00001	0	312	
	Suspended Solids (mg/L)	00006	0	161	
	TKN (mg/L)	00020	2	37.70	
	Total Phosphorus (mg/L)	00033	1	6.1	
3 9	<b>Final Effluent</b>				
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3		
	Flow Duration (hours)	81680	1		
	Cell Depth (m)	50290	1		
	CBOD <sub>5</sub> (mg/L)	00002	1		
	BOD <sub>5</sub> (mg/L)	00001	1		
	Suspended Solids (mg/L)	00006	1		
	Ammonia + Ammonium (mg/L)	00019	2		
	TKN (mg/L)	00020	2		
	Total Phosphorus (mg/L)	00033	2		
0 9	<b>Disinfection</b>				
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1		
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1		
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1		

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Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number

Street Number

Lot 4

Street Name

Concession 14

PO Box

Municipality/City/Town

Neustadt (Municipality of West Grey)

Province

ON - Ontario

Postal Code

N0G 2N0

Operating Authority

Veolia Water Canada Inc.

**Mailing Address**

Unit Number

1450

Street Number

555

Street Name

Rene-Levesque Blvd West

PO Box

Municipality/City/Town

Montreal

Province

QC - Quebec

Postal Code

H2Z1B1

File No.

4 6

1

2

Works Number \*

1 1 0 0 0 2 4 4 3

3

4

5

6

7

8

9

10

11

Data Period \*

Month

Year

0 5

16

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

Days

3 1

20

21

Discharge  
Type

2

22

Update  
Code

R

80

C.P.

3 6

12

13

Raw Sewage

Parameter Code

Dec

Monthly Average Results

# of Samples

Total COD (mg/L)

294.00

1

Volatile Suspended Solids (mg/L)

128.00

1


30

34

35

38

3 9

12

13

Final Effluent

Parameter Code

Dec

Monthly Average Results

# of Samples

Alkalinity, Total (mg/L)

00051

4

Conductivity 25°C (µS/cm)

91004

4

E. Coli (CT/100ml)

91000

4

Nitrate, Unfiltered reactive (mg/L)

00022

4

Nitrite, Unfiltered reactive (mg/L)

00021

4

pH

80770

4

Temperature, Water (°C)

80250

4

Un-ionized Ammonia (mg/L)

91012

4

Dissolved Oxygen (mg/L)

00003

4

Hydrogen Sulphide (mg/L)

83008

4

Total COD (mg/L)


30

34

35

38

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Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number	Street Number Lot 4	Street Name Concession 14	PO Box
Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.							
3 5	Flows	Parameter Code	Dec.	Monthly Results			
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	4.687			
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.156			
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.201			
3 5	Bypass					# of Occurrences	
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000		0	
	Duration (hours)	81680	1				
3 6	Raw Sewage					# of Samples	
12 13	BOD <sub>5</sub> (mg/L)	00001	0	306		1	
	Suspended Solids (mg/L)	00006	0	381		1	
	TKN (mg/L)	00020	2	36.40		1	
	Total Phosphorus (mg/L)	00033	1	4.4		1	
3 9	Final Effluent						
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3				
	Flow Duration (hours)	81680	1				
	Cell Depth (m)	50290	1				
	CBOD <sub>5</sub> (mg/L)	00002	1				
	BOD <sub>5</sub> (mg/L)	00001	1				
	Suspended Solids (mg/L)	00006	1				
	Ammonia + Ammonium (mg/L)	00019	2				
	TKN (mg/L)	00020	2				
	Total Phosphorus (mg/L)	00033	2				
0 9	Disinfection						
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1				
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1				
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1				

Operator Telephone Number

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Operator Email Address \*

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matthew.shannon@ontario.ca

Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number

Street Number

Lot 4

Street Name

Concession 14

PO Box

Municipality/City/Town

Neustadt (Municipality of West Grey)

Province

ON - Ontario

Postal Code

N0G 2N0

Operating Authority

Veolia Water Canada Inc.

**Mailing Address**

Unit Number

1450

Street Number

555

Street Name

Rene-Levesque Blvd West

PO Box

Municipality/City/Town

Montreal

Province

QC - Quebec

Postal Code

H2Z1B1

File No.

4 6

1

2

Works Number \*

1 1 0 0 0 2 4 4 3

3

11

Data Period \*

Month

Year

0 6 2 0 2 4

16

19

Days

3 0

20

21

Discharge  
Type

2

22

Update  
Code

R

80

C.P.

3 6

12

13

Raw Sewage

Parameter Code

Dec

Monthly Average Results

# of Samples

Total COD (mg/L)

460.00

1

Volatile Suspended Solids (mg/L)

274.00

1

30

34

35

38

3 9

12

13

Final Effluent

Parameter Code

Dec

Monthly Average Results

# of Samples

Alkalinity, Total (mg/L)

00051

4

Conductivity 25°C (µS/cm)

91004

4

E. Coli (CT/100ml)

91000

4

Nitrate, Unfiltered reactive (mg/L)

00022

4

Nitrite, Unfiltered reactive (mg/L)

00021

4

pH

80770

4

Temperature, Water (°C)

80250

4

Un-ionized Ammonia (mg/L)

91012

4

Dissolved Oxygen (mg/L)

00003

4

Hydrogen Sulphide (mg/L)

83008

4

Total COD (mg/L)

30

34

35

38

Operator Telephone Number

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Operator Email Address

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Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number	Street Number Lot 4	Street Name Concession 14	PO Box
Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.							
3 5	Flows	Parameter Code	Dec.	Monthly Results			
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	5.240			
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.169			
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.411			
3 5	Bypass					# of Occurrences	
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000		0	
	Duration (hours)	81680	1				
3 6	Raw Sewage					# of Samples	
12 13	BOD <sub>5</sub> (mg/L)	00001	0	415		1	
	Suspended Solids (mg/L)	00006	0	242		1	
	TKN (mg/L)	00020	2	73.90		1	
	Total Phosphorus (mg/L)	00033	1	8.7		1	
3 9	Final Effluent						
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3				
	Flow Duration (hours)	81680	1				
	Cell Depth (m)	50290	1				
	CBOD <sub>5</sub> (mg/L)	00002	1				
	BOD <sub>5</sub> (mg/L)	00001	1				
	Suspended Solids (mg/L)	00006	1				
	Ammonia + Ammonium (mg/L)	00019	2				
	TKN (mg/L)	00020	2				
	Total Phosphorus (mg/L)	00033	2				
0 9	Disinfection						
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1				
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1				
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1				

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Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number	Street Number Lot 4	Street Name Concession 14	PO Box
Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.					
3 5	Flows	Parameter Code	Dec.	Monthly Results	
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	4.610	
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.149	
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.201	
3 5	Bypass				# of Occurrences
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000	0
	Duration (hours)	81680	1		
3 6	Raw Sewage				# of Samples
12 13	BOD <sub>5</sub> (mg/L)	00001	0	106	1
	Suspended Solids (mg/L)	00006	0	196	1
	TKN (mg/L)	00020	2	55.00	1
	Total Phosphorus (mg/L)	00033	1	9.9	1
3 9	Final Effluent				
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3		
	Flow Duration (hours)	81680	1		
	Cell Depth (m)	50290	1		
	CBOD <sub>5</sub> (mg/L)	00002	1		
	BOD <sub>5</sub> (mg/L)	00001	1		
	Suspended Solids (mg/L)	00006	1		
	Ammonia + Ammonium (mg/L)	00019	2		
	TKN (mg/L)	00020	2		
	Total Phosphorus (mg/L)	00033	2		
0 9	Disinfection				
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1		
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1		
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1		

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---

Project Name

Neustadt Sewage Lagoons

### Facility Address

Unit Number

Street Number

Lot 4

Street Name

### Concession 14

| PO Box

Municipality/City/Town

Neustadt (Municipality of West Grey)

Province

ON - Ontario

Postal Code	
-------------	--

N0G 2N0

---

Operating Authority

Operating Authority  
Veolia Water Canada Inc.

### Mailing Address

Unit Number

1450

Street Number

555

Street Name

Rene-Levesque Blvd West

| PO Box

Municipality/City/Town

Montreal

Province

QC - Quebec

Postal Code	
-------------	--

H2Z1B1

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

C.P.		Raw Sewage	Parameter Code	Dec	Monthly Average Results	# of Samples	
3	6						
12	13						
Total COD (mg/L)							720.00
Volatile Suspended Solids (mg/)							144.00

3	9	Final Effluent	Parameter Code	Dec	Monthly Average Results	# of Samples
12	13	Alkalinity, Total (mg/L)	00051	4		
		Conductivity 25°C (µS/cm)	91004	4		
		E. Coli (CT/100ml)	91000	4		
		Nitrate, Unfiltered reactive (mg/L)	00022	4		
		Nitrite, Unfiltered reactive (mg/L)	00021	4		
		pH	80770	4		
		Temperature, Water (°C)	80250	4		
		Un-ionized Ammonia (mg/L)	91012	4		
		Dissolved Oxygen (mg/L)	00003	4		
		Hydrogen Sulphide (mg/L)	83008	4		
		Total COD (mg/L)				

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Project Name

Neustadt Sewage Lagoons

**Facility Address**

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Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.							
3 5	Flows	Parameter Code	Dec.	Monthly Results			
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	4.114			
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.137			
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.164			
3 5	Bypass					# of Occurrences	
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000		0	
	Duration (hours)	81680	1				
3 6	Raw Sewage					# of Samples	
12 13	BOD <sub>5</sub> (mg/L)	00001	0	114		1	
	Suspended Solids (mg/L)	00006	0	1610		1	
	TKN (mg/L)	00020	2	66.00		1	
	Total Phosphorus (mg/L)	00033	1	9.5		1	
3 9	Final Effluent						
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3				
	Flow Duration (hours)	81680	1				
	Cell Depth (m)	50290	1				
	CBOD <sub>5</sub> (mg/L)	00002	1				
	BOD <sub>5</sub> (mg/L)	00001	1				
	Suspended Solids (mg/L)	00006	1				
	Ammonia + Ammonium (mg/L)	00019	2				
	TKN (mg/L)	00020	2				
	Total Phosphorus (mg/L)	00033	2				
0 9	Disinfection						
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1				
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1				
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1				

Operator Telephone Number

519-369-6655

Operator Email Address \*

fei.xue@veolia.com

Comments

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Ministry Contact Email Address \*

matthew.shannon@ontario.ca



Project Name

Neustadt Sewage Lagoons

**Facility Address**

Unit Number

Street Number

Lot 4

Street Name

Concession 14

PO Box

Municipality/City/Town

Neustadt (Municipality of West Grey)

Province

ON - Ontario

Postal Code

N0G 2N0

Operating Authority

Veolia Water Canada Inc.

**Mailing Address**

Unit Number

1450

Street Number

555

Street Name

Rene-Levesque Blvd West

PO Box

Municipality/City/Town

Montreal

Province

QC - Quebec

Postal Code

H2Z1B1

File No.

4 6

1

2

Works Number \*

1 1 0 0 0 2 4 4 3

3

11

Data Period \*

Month

Year

0 9 2 0 2 4

16

19

Days

3 0

20

21

Discharge  
Type

2

22

Update  
Code

R

80

C.P.

3 6

12

13

Raw Sewage

Parameter Code

Dec

Monthly Average Results

# of Samples

Total COD (mg/L)

355.00

1

Volatile Suspended Solids (mg/L)

967.00

1


30

34

35

38

3 9

12

13

Final Effluent

Parameter Code

Dec

Monthly Average Results

# of Samples

Alkalinity, Total (mg/L)

00051

4

Conductivity 25°C (µS/cm)

91004

4

E. Coli (CT/100ml)

91000

4

Nitrate, Unfiltered reactive (mg/L)

00022

4

Nitrite, Unfiltered reactive (mg/L)

00021

4

pH

80770

4

Temperature, Water (°C)

80250

4

Un-ionized Ammonia (mg/L)

91012

4

Dissolved Oxygen (mg/L)

00003

4

Hydrogen Sulphide (mg/L)

83008

4

Total COD (mg/L)


30

34

35

38

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Neustadt Sewage Lagoons

**Facility Address**

Unit Number	Street Number Lot 4	Street Name Concession 14	PO Box
Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.					
3 5	Flows	Parameter Code	Dec.	Monthly Results	
12 13	Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	3.815	
	Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.123	
	Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.143	
3 5	Bypass				# of Occurrences
12 13	Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000	0
	Duration (hours)	81680	1		
3 6	Raw Sewage				# of Samples
12 13	BOD <sub>5</sub> (mg/L)	00001	0	308	1
	Suspended Solids (mg/L)	00006	0	1490	1
	TKN (mg/L)	00020	2	75.00	1
	Total Phosphorus (mg/L)	00033	1	9.7	1
3 9	Final Effluent				
12 13	Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3		
	Flow Duration (hours)	81680	1		
	Cell Depth (m)	50290	1		
	CBOD <sub>5</sub> (mg/L)	00002	1		
	BOD <sub>5</sub> (mg/L)	00001	1		
	Suspended Solids (mg/L)	00006	1		
	Ammonia + Ammonium (mg/L)	00019	2		
	TKN (mg/L)	00020	2		
	Total Phosphorus (mg/L)	00033	2		
0 9	Disinfection				
12 13	Chlorine Used (kg as Cl <sub>2</sub> )	50320	1		
	Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1		
	Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1		

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H2Z1B1

File No.

4 6

1

2

Works Number \*

1 1 0 0 0 2 4 4 3

3

11

Data Period \*

Month

Year

1 0 2 0 2 4

16

19

Days

3 1

20

21

Discharge  
Type

2

22

Update  
Code

R

80

C.P.

3 6

12

13

Raw Sewage

Parameter Code

Dec

Monthly Average Results

# of Samples

Total COD (mg/L)

580.00

1

Volatile Suspended Solids (mg/L)

700.00

1

30

34

35

38

3 9

12

13

Final Effluent

Parameter Code

Dec

Monthly Average Results

# of Samples

Alkalinity, Total (mg/L)

00051

4

Conductivity 25°C (µS/cm)

91004

4

E. Coli (CT/100ml)

91000

4

Nitrate, Unfiltered reactive (mg/L)

00022

4

Nitrite, Unfiltered reactive (mg/L)

00021

4

pH

80770

4

Temperature, Water (°C)

80250

4

Un-ionized Ammonia (mg/L)

91012

4

Dissolved Oxygen (mg/L)

00003

4

Hydrogen Sulphide (mg/L)

83008

4

Total COD (mg/L)

30

34

35

38

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Project Name

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Municipality/City/Town Neustadt (Municipality of West Grey)		Province ON - Ontario	Postal Code N0G 2N0
Operating Authority Veolia Water Canada Inc.			

**Mailing Address**

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

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

C.P.	3 5	<b>Flows</b>	Parameter Code	Dec.	Monthly Results
12 13		Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	3.906
		Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.130
		Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.157
			30 34	35 38	46
3 5		<b>Bypass</b>			# of Occurrences
12 13		Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000
		Duration (hours)	81680	1	
			30 34	35 38	
3 6		<b>Raw Sewage</b>			# of Samples
12 13		BOD <sub>5</sub> (mg/L)	00001	0	319
		Suspended Solids (mg/L)	00006	0	538
		TKN (mg/L)	00020	2	114.00
		Total Phosphorus (mg/L)	00033	1	12.5
			30 34	35 38	48 51
3 9		<b>Final Effluent</b>			
12 13		Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3	
		Flow Duration (hours)	81680	1	
		Cell Depth (m)	50290	1	
		CBOD <sub>5</sub> (mg/L)	00002	1	
		BOD <sub>5</sub> (mg/L)	00001	1	
		Suspended Solids (mg/L)	00006	1	
		Ammonia + Ammonium (mg/L)	00019	2	
		TKN (mg/L)	00020	2	
		Total Phosphorus (mg/L)	00033	2	
			30 34	35 38	48 51
0 9		<b>Disinfection</b>			
12 13		Chlorine Used (kg as Cl <sub>2</sub> )	50320	1	
		Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1	
		Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1	
			30 34	35 38	48 51

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Concession 14

PO Box

Municipality/City/Town

Neustadt (Municipality of West Grey)

Province

ON - Ontario

Postal Code

N0G 2N0

Operating Authority

Veolia Water Canada Inc.

**Mailing Address**

Unit Number

1450

Street Number

555

Street Name

Rene-Levesque Blvd West

PO Box

Municipality/City/Town

Montreal

Province

QC - Quebec

Postal Code

H2Z1B1

File No.

4 6

1

2

Works Number \*

1 1 0 0 0 2 4 4 3

3

11

Data Period \*

Month

Year

1 1 2 0 2 4

16

19

Days

3 0

20

21

Discharge  
Type

2

22

Update  
Code

R

80

C.P.

3 6

12

13

Raw Sewage

Parameter Code

Dec

Monthly Average Results

# of Samples

Total COD (mg/L)

840.00

1

Volatile Suspended Solids (mg/L)

510.00

1


30

34

35

38

3 9

12

13

Final Effluent

Parameter Code

Dec

Monthly Average Results

# of Samples

Alkalinity, Total (mg/L)

00051

4

Conductivity 25°C (µS/cm)

91004

4

E. Coli (CT/100ml)

91000

4

Nitrate, Unfiltered reactive (mg/L)

00022

4

Nitrite, Unfiltered reactive (mg/L)

00021

4

pH

80770

4

Temperature, Water (°C)

80250

4

Un-ionized Ammonia (mg/L)

91012

4

Dissolved Oxygen (mg/L)

00003

4

Hydrogen Sulphide (mg/L)

83008

4

Total COD (mg/L)


30

34

35

38

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**Mailing Address**

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

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

C.P.	3 5	<b>Flows</b>	Parameter Code	Dec.	Monthly Results
12 13		Total Flow (10 <sup>3</sup> m <sup>3</sup> )	50010	3	8.137
		Average Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50015	3	0.262
		Maximum Daily Flow (10 <sup>3</sup> m <sup>3</sup> /d)	50020	3	0.634
			30 34	35 38	46
3 5		<b>Bypass</b>			# of Occurrences
12 13		Plant Bypass Volume (10 <sup>3</sup> m <sup>3</sup> )	50270	3	0.000
		Duration (hours)	81680	1	
			30 34	35 38	
3 6		<b>Raw Sewage</b>			# of Samples
12 13		BOD <sub>5</sub> (mg/L)	00001	0	131
		Suspended Solids (mg/L)	00006	0	313
		TKN (mg/L)	00020	2	19.50
		Total Phosphorus (mg/L)	00033	1	2.6
			30 34	35 38	48 51
3 9		<b>Final Effluent</b>			
12 13		Total Effl. Volume To Watercourse (10 <sup>3</sup> m <sup>3</sup> )	50280	3	9.551
		Flow Duration (hours)	81680	1	384.0
		Cell Depth (m)	50290	1	
		CBOD <sub>5</sub> (mg/L)	00002	1	15.4
		BOD <sub>5</sub> (mg/L)	00001	1	
		Suspended Solids (mg/L)	00006	1	19.8
		Ammonia + Ammonium (mg/L)	00019	2	2.58
		TKN (mg/L)	00020	2	4.50
		Total Phosphorus (mg/L)	00033	2	0.29
			30 34	35 38	48 51
0 9		<b>Disinfection</b>			
12 13		Chlorine Used (kg as Cl <sub>2</sub> )	50320	1	
		Chlorine Dosage (mg/L as Cl <sub>2</sub> )	80410	1	
		Chlorine Residual (mg/L as Cl <sub>2</sub> )	80420	1	
			30 34	35 38	48 51

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File No.

4 6

1 2

Works Number \*

1 1 0 0 0 2 4 4 3

3 11

Data Period \*

Month

Year

1 2 2 0 2 4

16 19

Days

3 1

20 21

Discharge

Type

2

22

Update

Code

R

80

C.P.

3 6

12 13

Raw Sewage

Parameter Code

Dec

Monthly Average Results

# of Samples

Total COD (mg/L)

275.00

1

Volatile Suspended Solids (mg/L)

228.00

1


30 34

35

38

3 9

12 13

Final Effluent

Parameter Code

Dec

Monthly Average Results

# of Samples

Alkalinity, Total (mg/L)

00051

4

Conductivity 25°C (µS/cm)

91004

4

E. Coli (CT/100ml)

91000

4

213.0000

5

Nitrate, Unfiltered reactive (mg/L)

00022

4

0.2900

5

Nitrite, Unfiltered reactive (mg/L)

00021

4

0.0300

5

pH

80770

4

8.1100

5

Temperature, Water (°C)

80250

4

3.7000

5

Un-ionized Ammonia (mg/L)

91012

4

Dissolved Oxygen (mg/L)

00003

4

Hydrogen Sulphide (mg/L)

83008

4

0.0200

5

Total COD (mg/L)

64.0000

1


30 34

35

38

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