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PEI Analytical Laboratories - Water Quality Test Report

23 Innovation Way, Charlottetown, PE C1E 0B7

Client Name: North Rustico Sewer & Water Utility Corporatio
Sample Number: W170405008
Sample Point: North Rustico Wastewater Treatment Plant
Sample Location: Downstream of UV Lights
Date Sampled: April 05, 2017
Sampler: Allan Nisbet
Date Received: April 05, 2017
Water Type: Wastewater - WWTP - Effluent

Water Chemistry Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WCL_04M	*	pH for Water	7.4	pH (pH Units)	0.00
WCL_02M	*	Ammonia-N	22.500	ppm	0.10
Approved By:		Jackie Garnhum	Date:	April 07, 2017	

Date of Analysis available upon request.

Water Microbiology Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WML_09M	*	Faecal coliforms A1	2	MPN	2.00
WML_04M	*	TSS	4	mg/L	1.00
Approved By:		Julie Schroeder	Date:	April 06, 2017	
WML_07M	*	CBOD	<10	mg/L	10.00
Approved By:		Patti Larsen	Date:	April 11, 2017	

Date of Analysis available upon request.

Legend: MPN = Most Probable Number
cfu/100 mls = colony forming unit per 100 millilitres
mg/L = milligrams per litre
* = method accredited by Standards Council of Canada;
nd = not detected; na = not analysed
ppm = parts per million
ppb = parts per billion
Ammonia is equivelent to (Ammonia + Ammonium)-N

End of Report

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PEI Analytical Laboratories - Water Quality Test Report

23 Innovation Way, Charlottetown, PE C1E 0B7

Client Name: North Rustico Sewer & Water Utility Corporatio
Sample Number: W170308003
Sample Point: North Rustico Wastewater Treatment Plant
Sample Location: Downstream of UV Lights
Date Sampled: March 08, 2017
Sampler: Allan Nisbet
Date Received: March 08, 2017
Water Type: Wastewater - WWTP - Effluent

Water Chemistry Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WCL_02M	*	Ammonia-N	7.280	ppm	0.10
WCL_04M	*	pH for Water	7.0	pH (pH Units)	0.00
Approved By:		Jackie Garnhum	Date:	April 04, 2017	

Date of Analysis available upon request.

Water Microbiology Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WML_09M	*	Faecal coliforms A1	<2	MPN	2.00
WML_04M	*	TSS	8	mg/L	1.00
Approved By:		Angela MacLeod	Date:	March 10, 2017	
WML_07M	*	CBOD	<10	mg/L	10.00
Approved By:		Patti Larsen	Date:	March 14, 2017	

Date of Analysis available upon request.

Legend: MPN = Most Probable Number
cfu/100 mls = colony forming unit per 100 millilitres
mg/L = milligrams per litre
* = method accredited by Standards Council of Canada;
nd = not detected; na = not analysed
ppm = parts per million
ppb = parts per billion
Ammonia is equivelent to (Ammonia + Ammonium)-N

End of Report

Allan 13/4/17

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PEI Analytical Laboratories - Water Quality Test Report

23 Innovation Way, Charlottetown, PE

Client Name: North Rustico Sewer & Water Utility Corporatio
Sample Number: W170208007
Sample Point: North Rustico Wastewater Treatment Plant
Sample Location: Downstream of UV Lights
Date Sampled: February 08, 2017
Sampler: Allan Nisbet
Date Received: February 08, 2017
Water Type: Wastewater - WWTP - Effluent

Water Chemistry Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WCL_02M	*	Ammonia-N	15.700	ppm	0.10
WCL_04M	*	pH for Water	7.4	pH (pH Units)	0.00
Approved By:		Lori Brine	Date:	February 15, 2017	

Date of Analysis available upon request.

Water Microbiology Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WML_07M	*	CBOD	12	mg/L	10.00
Approved By:		Angela MacLeod	Date:	February 15, 2017	
WML_09M	*	Faecal coliforms A1	23	MPN	2.00
Approved By:		Julie Schroeder	Date:	February 09, 2017	
WML_04	*	TSS	20	mg/L	1.00
Approved By:		Patti Larsen	Date:	February 09, 2017	

Date of Analysis available upon request.

Legend: MPN = Most Probable Number
cfu/100 mls = colony forming unit per 100 millilitres
mg/L = milligrams per litre
* = method accredited by Standards Council of Canada;
nd = not detected; na = not analysed
ppm = parts per million
ppb = parts per billion
Ammonia is equivelent to (Ammonia + Ammonium)-N

End of Report

Allan 28/2/17

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PEI Analytical Laboratories - Water Quality Test Report

23 Innovation Way, Charlottetown, PE

Client Name: North Rustico Sewer & Water Utility Corporatio
Sample Point: North Rustico Wastewater Treatment Plant
Date Sampled: January 04, 2017
Date Received: January 04, 2017

Sample Number: W170104006
Sample Location: Downstream of UV Lights
Sampler: Allan Nisbet
Water Type: Wastewater - WWTP - Effluent

Water Chemistry Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WCL_08M	*	Total Phosphorus	1300	ppb	10.00
WCM_05M	*	Total Nitrogen	16.6	ppm	0.50
WCL_02M	*	Ammonia-N	16.200	ppm	0.10
WCL_04M	*	pH for Water	7.5	pH (pH Units)	0.00
Approved By:		Cory Doucette	Date:	January 06, 2017	

Date of Analysis available upon request.

Water Microbiology Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WML_09M	*	Faecal coliforms A1	8	MPN	2.00
Approved By:		Julie Schroeder	Date:	January 05, 2017	
WML_04	*	TSS	7	mg/L	1.00
WML_07M	*	CBOD	<10	mg/L	10.00
Approved By:		Patti Larsen	Date:	January 10, 2017	

Date of Analysis available upon request.

Legend: MPN = Most Probable Number
cfu/100 mls = colony forming unit per 100 millilitres
* = method accredited by Standards Council of Canada;
ppm = parts per million
Ammonia is equivelent to (Ammonia + Ammonium)-N
mg/L = milligrams per litre
nd = not detected; na = not analysed
ppb = parts per billion

End of Report

Allan 1/16/17

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PEI Analytical Laboratories - Water Quality Test Report

23 Innovation Way, Charlottetown, PE

Client Name: North Rustico Sewer & Water Utility Corporatio
Sample Number: W161207009
Sample Point: North Rustico Wastewater Treatment Plant
Sample Location: Downstream of UV light
Date Sampled: December 07, 2016
Sampler: Allan Nisbet
Date Received: December 07, 2016
Water Type: Wastewater - Effluent

Water Chemistry Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WCL_02M	*	Ammonia-N	0.786	ppm	0.10
WCL_04M	*	pH for Water	7.5	pH (pH Units)	0.00
Approved By:		Cory Doucette	Date:	December 22, 2016	

Date of Analysis available upon request.

Water Microbiology Results

(analysed at 23 Innovation Way)

Method ID		Parameter	Results	Units	Detection Limit
WML_09M	*	Faecal coliforms A1	2	MPN	2.00
WML_04	*	TSS	3	mg/L	1.00
Approved By:		Angela MacLeod	Date:	December 09, 2016	
WML_07M	*	CBOD	<10	mg/L	10.00
Approved By:		Scott Brown	Date:	December 13, 2016	

Date of Analysis available upon request.

Legend: MPN = Most Probable Number
cfu/100 mls = colony forming unit per 100 millilitres
mg/L = milligrams per litre
* = method accredited by Standards Council of Canada;
nd = not detected; na = not analysed
ppm = parts per million
ppb = parts per billion
Ammonia is equivelent to (Ammonia + Ammonium)-N

End of Report

9/1/17