

NEVVEN
Properties

2020

REG. 170/03

Drinking Water

System Annual

Report

Part III Form 2
Section 11. ANNUAL REPORT.

Drinking-Water System Number:	260068744
Drinking-Water System Name:	NEVVEN Properties Well Supply
Drinking-Water System Owner:	NEVVEN Properties
Drinking-Water System Category:	Non Municipal Year Round Residential
Period being reported:	January 1- Dec 31 2020

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u>	<u>Complete for all other Categories.</u>
<p>Does your Drinking-Water System serve more than 10,000 people? Yes [] No [x]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No []</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>www.nevvenproperties.com NEVVEN Properties 96 Golflinks Dr. Ottawa Ont. K2J 5L3</p> </div>	<p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">none</div> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No [] N/A</p> <p>Number of Interested Authorities you report to:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">none</div> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No [N/A]</p>

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
N/A	N/A

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water? Yes () No (X) [N/A] ()

Drinking-Water Systems Regulation O. Reg. 170/03

Indicate how you notified system users that your annual report is available, and is free of charge.

Public access/notice via the web

Public access/notice via Government Office

Public access/notice via a newspaper

Public access/notice via Public Request

Public access/notice via a Public Library

Public access/notice via other method -----Onsite Community bulletin Boards used for posting water information-----

Describe your Drinking-Water System

Modern Engineered and up to date system designed to supply water from a pressure grouted well. System consists of a 3 H.P. -40Gs30 submersible pump which supplies water through a 2-inch water meter into 3- WR360R Flexon Steel Well pressure tanks replaced in 2016 along with 1- V260 pressure tank. System was designed with a 220-volt Stenner chlorine metering pump in the event treatment was required. Water is then feed out in 3- 2" pipes to distribute water to 5 manholes where water mains may be flushed, and water is then supplied to each home through a 1" line. A 1.5" line from phase 3 supplies water to T.M.H.P. pump house where it is then distributed to each home. The top floor of the pump house is used for sampling and monitoring the water system

List all water treatment chemicals used over this reporting period

150 ounces of chlorine was used for flushing, maintenance, and disinfecting of water lines during this period.

Were any significant expenses incurred to?

Install required equipment

Repair required equipment

Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

In 2018 a new 3 h.p. submersible pump, piping and wiring along with 3 new Model WR360R Flexcon Stell Well Pressure tanks, pressure switch safety valve, and plumbing was installed to replace aging equipment.

Drinking-Water Systems Regulation O. Reg. 170/03

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date

We had no reportable adverse results during the period of this report in 2016.

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	24	0-0	0-0	N/A	N/A
Distribution	56	0-0	0-0	N/A	N/A

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity	24	.10-.81 NTU
Chlorine	85	.01-.14 Mg/L.
Temperature	85	42-48 Deg.Far.

NOTE: For continuous monitors use 8760 as the number of samples.

NOTE: Record the unit of measure if it is **not** milligrams per litre.

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
N/A				

Summary of Inorganic parameters tested during this reporting period or the most recent sample results
Summary of Organic parameters sampled during this reporting period or the most recent sample results

Group	Analyte	MRL	Units	Guideline	March 15, 2021
HPLC Herb/Pest	Diquat	5	ug/L	MAC 70	<5
	Diuron	10	ug/L	MAC 150	<10
	Glyphosate	10	ug/L	MAC 280	<10
	Paraquat	1	ug/L	MAC 10	<1
NP Pesticides	Alachlor	0.5	ug/L	MAC 5	<0.5
	Atrazine + N-dealkylated metabolites	1.0	ug/L	MAC 5	<1.0
	Azinphos-methyl	2.0	ug/L	MAC 20	<2.0
	Carbaryl	5.0	ug/L	MAC 90	<5.0
	Carbofuran	5.0	ug/L	MAC 90	<5.0
	Chlorpyrifos	1.0	ug/L	MAC 90	<1.0
	Diazinon	1.0	ug/L	MAC 20	<1.0
	Dimethoate	2.5	ug/L	MAC 20	<2.5
	Malathion	0.5	ug/L	MAC 190	<0.5
	Metolachlor	1.0	ug/L	IMAC 50	<1.0
	Metribuzin	5.0	ug/L	MAC 80	<5.0
	Phorate	0.5	ug/L	MAC 2	<0.5
	Prometryne	0.25	ug/L	MAC 1	<0.25
	Simazine	1.0	ug/L	MAC 10	<1.0
	Terbufos	0.4	ug/L	MAC 1	<0.4
Triallate	1.0	ug/L	MAC 230	<1.0	
Trifluralin	1.0	ug/L	MAC 45	<1.0	
PAH	Benzo(a)pyrene	0.01	ug/L	MAC 0.01	<0.01
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L	MAC 3	<0.1
Phenoxyacid Herb	2,4-dichlorophenoxyacetic acid (2,4-D)	1.0	ug/L	MAC 100	<1.0
	Bromoxynil	0.5	ug/L	MAC 5	<0.5

Group	Analyte	MRL	Units	Guideline	March 15, 2021
Phenoxyacid Herb	Dicamba	1.0	ug/L	MAC 120	<1.0
	Diclofop-methyl	0.9	ug/L	MAC 9	<0.9
	MCPA	10	ug/L	MAC 100	<10
	Picloram	5.0	ug/L	MAC 190	<5.0
Semi-Volatiles	2,3,4,6-tetrachlorophenol	1.0	ug/L	MAC 100	<1.0
	2,4,6-trichlorophenol	0.7	ug/L	MAC 5	<0.7
	2,4-dichlorophenol	1.0	ug/L	MAC 900	<1.0
	Pentachlorophenol	1.0	ug/L	MAC 60	<1.0

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Group	Analyte	MRL	Units	Guideline	March 15, 2021,
Anions	F	0.10	mg/L	MAC 1.5	0.18
AWQI Report No	AWQI Report				153719
Mercury	Hg	0.0001	mg/L	MAC 0.001	<0.0001
Metals	As	0.001	mg/L	MAC 0.01	<0.001
	B	0.01	mg/L	MAC 5.0	0.05
	Ba	0.01	mg/L	MAC 1.0	0.25
	Cd	0.0001	mg/L	MAC 0.005	<0.0001
	Cr	0.001	mg/L	MAC 0.05	0.001
	Na	2	mg/L	MAC 20	73*
	Sb	0.0005	mg/L	MAC 0.006	<0.0005
	Se	0.001	mg/L	MAC 0.05	<0.001
	U	0.001	mg/L	MAC 0.02	0.001
VOCs Surrogates	1,2-dichloroethane-d4	0	%		102
	4-bromofluorobenzene	0	%		109
	Toluene-d8	0	%		97
Volatiles	1,1-dichloroethylene	0.5	ug/L	MAC 14	<0.5
	1,2-dichlorobenzene	0.4	ug/L	MAC 200	<0.4
	1,2-dichloroethane	0.2	ug/L	MAC 5	<0.2
	1,4-dichlorobenzene	0.4	ug/L	MAC 5	<0.4
	Benzene	0.5	ug/L	MAC 1	<0.5
	Carbon Tetrachloride	0.2	ug/L	MAC 2	<0.2
	Dichloromethane	4.0	ug/L	MAC 50	<4.0
	Monochlorobenzene	0.5	ug/L	MAC 80	<0.5
	Tetrachloroethylene	0.3	ug/L	MAC 10	<0.3
	Trichloroethylene	0.3	ug/L	MAC 5	<0.3
Volatiles	Vinyl Chloride	0.2	ug/L	MAC 1	<0.2

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample
Sodium	73	Mg/L	March 15, 2021

(Only if DWS category is large municipal residential, small municipal residential, large municipal non residential, non municipal year round residential, large non municipal no