

NEVVEN
Properties

2016

**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 2016

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <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><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input type="text" value="none"/></p> <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: <input type="text" value="none"/></p> <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>
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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] ()

Indicate how you notified system users that your annual report is available, and is free of charge.
 [X] 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 man holes 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

175 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 2016 a new 3 h.p. submersible pump, piping and wiring along with 3 new Model WR360R Flexcon Stell Well Presure tanks pressure switch safety valve and plumbing was installed to replace aging equipment. The new system was replaced just prior to taking ownership.

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-.15 Mg/L.
Temperature	85	37-60 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	UNIT S	GUIDE LINE	January 22-2016
AWQI REPORT	AWQI REPORT				128124
General Chemistry	F	0.10	mg/L	MAC-1.5	0.19
Herbicide/pesticide	2,3,4,6-tetrachlorophenol	0.5	ug/L	MAC-100	<0.5
	2,4,6-trichlorophenol	0.5	ug/L	MAC-5	<0.5
	2,4-diclorophenol	0.5	ug/L	MAC-900	<0.5
	2,4-dichlorophenoxyacetic acid (2,4-D)	1.0	ug/L	IMAC-100	<1.0
	a-chlordane	0.006	Ug/L		<0.006
	Alachlor	0.5	Ug/L	IMAC-5	<0.5
	Aldrin	0.006	Ug/L		<0.006
	Atrazine	1.0	Ug/L		<1.0
	Atrazine + N-dealkylated metabolites	0.2	Ug/L	IMAC-5	<0.2
	Azinphos-methyl	2.0	Ug/L	MAC-20	<2.0
	Bendiocarb	2.0	Ug/L	MAC-40	<2.0
	Benzo(a)pyrene	0.01	Ug/L	MAC-0.01	<0.01
	Bromoxynil	0.5	Ug/L	IMAC-5	<0.5
	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
	De-ethylated atrazine	1.0	Ug/L		<1.0
	Diazinon	1.0	Ug/L	MAC-20	<1.0
	Dicamba	1.0	Ug/L	MAC-120	<1.0
	Diclofop-methyl	0.9	Ug/L	MAC-9	<0.9
	Dieldrin	0.006	Ug/L		<0.006
	Dimethoate	2.5	Ug/L	IMAC-20	<2.5
	Diquat	5	Ug/L	MAC-70	<5
	Diuron	10	Ug/L	MAC-150	<10
Herbicide/Pesticide	g-chlordane	0.006	Ug/L		<0.006
	Glyphosate	10	Ug/L	IMAC-280	<10
	Malathion	5.0	Ug/L	MAC-190	<5.0
	MCPA	1	Ug/L		<1
	Metolachlor	1.0	Ug/L	IMAC-50	<1.0
	Metribuzin	5.0	Ug/L	MAC-80	<5.0
	Op-DDT	0.006	Ug/L		<0.006
	Oxychlordane	0.006	Ug/L		<0.006
	Paraquat	1	Ug/L	IMAC-10	<1
	Pentachlorophenol	0.5	Ug/L	MAC-60	<0.5

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

	Phorate	0.5	Ug/L	IMAC-2	<0.5
	Picloram	5.0	Ug/L	IMAC-190	<5.0
	pp-DDD	0.006	Ug/L		<0.006
	pp-DDE	0.006	Ug/L		<0.006
	pp-DDT	0.006	Ug/L		<0.006
	Prometryne	0.25	Ug/L	IMAC-1	<0.25
	Simazine	1.0	Ug/L	IMAC-10	<1.0
	Terbufos	0.4	Ug/L	IMAC-1	<0.4
	Triallate	1	Ug/L	MAC-230	<1
	Trifluralin	1.0	Ug/L	IMAC-45	<1.0
Mercury	Hg	0.0001	Mg/L	MAC-0.001	<0.0001
Metals	As	0.001	Mg/L	IMAC-0.025	<0.001
	B	0.01	Mg/L	IMAC-5.0	0.04
	Ba	0.01	Mg/L	MAC-1.0	0.28
	Cd	0.0001	Mg/L	MAC-0.005	<0.0001
	Cr	0.001	Mg/L	MAC-.05	<0.001
Metals	Na	2	Mg/L	MAC-20	53*
	Sb	0.0005	Mg/L	IMAC-0.006	<0.0005
	Se	0.001	Mg/L	MAC-0.01	<0.001
	U	0.001	Mg/L	MAC-0.02	0.001
PCBs	Polychlorinated Biphenyls	0.1	Ug/L	IMAC-3	<0.1
VOCs	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	IMAC-5	<0.2
	1,4-dichlorobenzene	0.4	Ug/L	MAC-5	<0.4
	Benzene	0.5	Ug/L	MAC-5	<0.5
	Carbon Tetrachloride	0.2	Ug/L	MAC-5	<0.2
	Dichloromethane	4.0	Ug/L	MAC-50	<4.0
	Monochlorobenzene	0.2	Ug/L	MAC-80	<0.2
	Tetrachloroethylene	0.3	Ug/L	MAC-30	<0.3
	Trichloroethylene	0.3	Ug/L	MAC-5	<0.3
	Vinyl Chloride	0.2	Ug/L	MAC-2	<0.2
VOCs Surrogates	1,2-dichloroethane-d4	0	%		106
(%REC)	4-bromofluorobenzene	0	%		130
	Toluene-d8	0	%		97

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	53	Mg/L	January 26 2016

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