



## **Shanty Bay Drinking Water System**

### **Municipal Summary Report**

**(Prepared in accordance with Schedule 22 of Ontario Regulation 170/03)**

**January 1<sup>st</sup> to December 31<sup>st</sup>, 2017**

**Schedule 22; Section 22-2****Section 1**

List Requirements of the Act, the Regulations, the system's approval and any order the system failed to meet (non-compliances) at any time during this reporting period, the duration of each non-compliance and describe the action taken to correct each non-compliance listed in this section.

<b>Act &amp; Regulations</b>
There were no non-compliances with respect to the SDWA or supporting regulations identified during this reporting period.
<b>System Municipal Drinking Water License and Drinking Water Works Permit</b>
There were no non-compliances with respect to the Municipal Drinking Water License and Drinking Water Works Permit identified during this reporting period.
<b>Orders</b>
There were no provincial orders issued during this reporting period.
<b>Best Practice Issues and Recommendations</b>
There were no recommendation or Best Management Practices issued by MOECC during this reporting period.

**Section 2**

In order to assist the owner in assessing the capability of the system to meet existing and planned uses of the system, The Township of Oro-Medonte monitors and compiles volume and flow rates. Data compiled for 2017 is as follows:

<b>Source</b>	<b>Maximum Volume (m<sup>3</sup>/day)</b>	<b>% Approved Capacity</b>	<b>Monthly Average (m<sup>3</sup>/day)</b>	<b>% Approved Capacity</b>	<b>Monthly Distribution Flow (m<sup>3</sup>)</b>
<b>WELL 1 Approved Capacity</b>			<b>305 (396 L/MIN)</b>		
January	65	21	42.87	14	5092
February	63	21	39.54	13	4291
March	66	22	40.9	13	4751
April	71	23	47.93	16	5490
May	107	35	54.19	18	6212
June	69	23	26.63	9	6305
July	65	21	30.65	10	7761
August	84	28	34.87	11	7698
September	86	28	52.27	17	7434
October	48	16	31.68	10	5689
November	104	34	35.2	12	5131
December	58	19	36.9	12	5242
<b>COMMENTS</b>					

Source	Maximum Volume (m <sup>3</sup> /day)	% Approved Capacity	Monthly Average (m <sup>3</sup> /day)	% Approved Capacity	Monthly Distribution Flow (m <sup>3</sup> )
<b>WELL 2 Approved Capacity</b>			<b>305 (430 L/MIN)</b>		
January	59	19	38.97	13	5092
February	56	18	35.5	12	4291
March	59	19	36.16	12	4751
April	63	21	42.07	14	5490
May	96	31	48.29	16	6212
June	62	20	5.6	2	6305
July	3	1	0.48	0	7761
August	72	24	12.61	4	7698
September	94	31	60.7	20	7434
October	62	20	43.58	14	5689
November	116	38	40.53	13	5131
December	62	20	39.52	13	5242
<b>COMMENTS</b>					
Source	Maximum Volume (m <sup>3</sup> /day)	% Approved Capacity	Monthly Average (m <sup>3</sup> /day)	% Approved Capacity	Monthly Distribution Flow (m <sup>3</sup> )
<b>WELL 3 Approved Capacity</b>			<b>610 (875 L/MIN)</b>		
January	11	2	0.87	0	5092
February	7	1	0.82	0	4291
March	8	1	0.77	0	4751
April	91	15	3.83	1	5490
May	9	1	0.97	0	6212
June	152	25	74.57	12	6305
July	187	31	98.39	16	7761
August	137	22	75.97	12	7698
September	8	1	0.7	0	7434
October	11	2	1.32	0	5689
November	9	1	1.2	0	5131
December	10	2	0.9	0	5242
<b>COMMENTS</b>					

Flow requirements listed in the PTTW were not exceeded in 2017.  
MOECC Final Inspection Rating: 100%