



Shanty Bay Drinking Water System

Municipal Summary Report

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

January 1st to December 31st, 2016

February 27, 2017

Schedule 22; Section 22-2 (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.

Act & Regulations	Duration	Action Taken	Status
There were no non-compliances with respect to the SDWA or supporting regulations identified during this reporting period.			
System Municipal Drinking Water License and Drinking Water Works Permit			
There were no non-compliances with respect to the Municipal Drinking Water License and Drinking Water Works Permit identified during this reporting period.			
Orders			
There were no provincial orders issued during this reporting period.			
Best Practice Issues and Recommendations			
N/A			

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 following table provides a summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flow rates.

Source	Maximum Volume (m ³ /day)	% Approved Capacity	Monthly Average (m ³ /day)	% Approved Capacity	Monthly Distribution Flow (m ³)
WELL #1 - Approved Capacity			305 m³/day (396 L/min)		
January	74	24	51.74	17	5137
February	78	26	52.25	17	4496
March	83	27	53.32	17	5095
April	83	27	46.53	15	5910
May	36	12	9.26	3	8211
June	65	21	10.23	3	12513
July	3	1	0.26	0	14145
August	4	1	0.39	0	11915
September	3	1	0.33	0	7795
October	3	1	0.45	0	5298
November	35	11	3.33	1	5021
December	67	22	41.77	14	5142

Source	Maximum Volume (m ³ /day)	% Approved Capacity	Monthly Average (m ³ /day)	% Approved Capacity	Monthly Distribution Flow (m ³)
WELL #2 - Approved Capacity			305 m³/day (430 L/min)		
January	61	20	39.55	13	5137
February	62	20	39.07	13	4496
March	65	21	40.03	13	5095
April	87	29	43.17	14	5910
May	79	26	29.68	10	8211
June	111	36	52.8	17	12513
July	123	40	71.13	23	14145
August	90	30	59.55	20	11915
September	73	24	39.83	13	7795
October	37	12	25	8	5298
November	71	23	25.33	8	5021
December	62	20	39	13	5142
Source	Maximum Volume (m ³ /day)	% Approved Capacity	Monthly Average (m ³ /day)	% Approved Capacity	Monthly Distribution Flow (m ³)
WELL #3 - Approved Capacity			610 m³/day (875 L/min)		
January	8	1	2.03	0	5137
February	28	5	2.36	0	4496
March	7	1	1.52	0	5095
April	157	26	28.1	5	5910
May	228	37	113.19	19	8211
June	321	53	185.03	30	12513
July	355	58	205.16	34	14145
August	256	42	171.35	28	11915
September	210	34	114.1	19	7795
October	106	17	72.16	12	5298
November	203	33	64.47	11	5021
December	10	2	0.84	0	5142

Nevertheless, we advise that the flow requirements listed in the PTTW were not exceeded in 2016.

Final MOE Inspection Rating: 100%

Detailed monthly well reports/data available on request to the Manager of Environmental Services.