



Ontario Clean Water Agency Agence Ontarienne Des Eaux

March 31, 2016

Bill Jones, CAO
billjones.nbp@eastlink.ca
Municipality of Northern Bruce Peninsula
56 Lindsay Road 5
R. R. #2
Lion's Head, Ontario
N0H 1W0

Re: Summary Report, Requirement under O. Reg. 170/03, Schedule 22

Dear Mr. Jones,

Attached is the 2015 Summary Report for the Lion's Head Drinking Water System. This report was completed in accordance with Schedule 22 of Ontario Regulation 170/03. It is required that a Summary Report for the previous calendar year be prepared no later than March 31st of each year.

The Summary Report is to be provided to the members of the Municipal Council. Please ensure this distribution.

Section 12 of Ontario Regulation 170/03 requires that the Summary Report be made available for inspection, at no charge, by any member of the public during regular business hours. The report should be made available for inspection at the office of the Municipality or at a location that is convenient for the users of the water system.

Should you require further clarification of information regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Leo-Paul Frigault".

Leo-Paul Frigault
Operations Manager
Ontario Clean Water Agency, Georgian Bay Highlands Regional Hub

cc: Bill Rydall, Public Works and Property Manager, Municipality of Northern Bruce Peninsula



Ontario Clean Water Agency
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LION'S HEAD WATER TREATMENT

Large Municipal Residential Drinking Water System

SCHEDULE 22 **SUMMARY REPORT**

For the period of
JANUARY 1, 2015 TO DECEMBER 31, 2015

Prepared by the Ontario Clean Water Agency
For The Corporation of the Municipality of Northern Bruce Peninsula

Summary

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario's Drinking Water System Regulation for the reporting period of January 1, 2015 to December 31, 2015 for the Lion's Head Drinking Water System located in the Municipality of Northern Bruce Peninsula. The summary includes the following information:

- Any requirements of the Act and Regulation, Orders or System Approval(s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
- A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

Issues of Non-Compliance

An MOECC Drinking Water System Inspection was performed on December 10, 2015. On February 1, 2016 the report for this inspection was issued, the Lion's Head Drinking Water System received an inspection rating of 100%, and no non-compliances were issued.

The following lists the requirements of the Act, Regulations, System Approval (s) and any Order that the system failed to meet during the reporting period and the measures taken to correct each failure:

- No actions are required.

Assessment of Flowrates and Quantity of Water Supplied

The quantities of water supplied during the reporting period covered by this report, including monthly average and maximum flows and a comparison to the rated capacity can be found in Table 1. The rated capacity for the Lion's Head WTP is 1,832 m³/day as per the Municipal Drinking Water License. Average and maximum flows of treated water were used to compare to the rated capacity.

Table 1. Average and Maximum Flow and Comparison to Rated Capacity by Month for 2015 for Treated Water

| 2015 | Treated Water Flow | | | |
|------------------|---------------------------------------|------------------------------|---------------------------------------|------------------------------|
| | Average Flow (m ³ /day) | Percent of Rated Capacity | Maximum Flow (m ³ /day) | Percent of Rated Capacity |
| January | 346.96 | 19% | 433.37 | 24% |
| February | 321.45 | 18% | 556.05 | 30% |
| March | 532.57 | 29% | 659.11 | 36% |
| April | 323.50 | 18% | 468.04 | 26% |
| May | 377.43 | 21% | 439.10 | 24% |
| June | 410.62 | 22% | 464.11 | 25% |
| July | 472.95 | 26% | 549.13 | 30% |
| August | 518.66 | 28% | 593.56 | 32% |
| September | 546.68 | 30% | 677.72 | 37% |
| October | 492.59 | 27% | 552.76 | 30% |
| November | 402.83 | 22% | 448.61 | 24% |
| December | 379.37 | 21% | 442.02 | 24% |