



**The Corporation of the Municipality of Wawa
Staff Monthly Report**

Office of Infrastructure Services

Prepared For: Corporate Planning Committee Meeting	Report No.: CS 2018-02
Agenda Date: January 16, 2018	File No.: 9.40.4

Subject

Hydro poles located near Sewage Lagoons.

Summary of the Recommendation

It is recommended that Council reviews the information provided and approves transferring ownership of the hydro poles located on Golf Course Road that service the Sewage Lagoons to Algoma Power Inc.

It is also recommended that Council grants an easement to Algoma Power Inc. for the property where the hydro poles noted above are located.

Summary of the Issues

- Hydro poles ownership
- Future maintenance costs
- Liability of the hydro poles
- Easement where hydro poles are located

List of Stakeholders

- Council
- Ratepayers
- Staff
- Algoma Power Inc.

Respectfully Submitted By:

Prepared By:

**Cory Stainthorpe
Director of Infrastructure Services**

Purpose of Report

The purpose of this report is to review hydro poles that service the Sewage Lagoons located on Golf Course Road and to recommend that Council approves transferring ownership to Algoma Power Inc. for maintenance and care of the hydro lines/poles and grants an easement for the property where the infrastructure is located.

Analysis

Currently there are 8 hydro poles that service the Sewage Lagoons building on Golf Course Road and they are currently owned and maintained by the Municipality of Wawa, according to documentation of communications between Great Lakes Power and Knox Martin Kretch Limited consulting engineering firm representing the Township of Michipicoten.

There are no other documents that I was able to locate regarding these hydro poles and lines that service the Sewage Lagoons.

Algoma Power Inc. reached out to Infrastructure Services asking if the Municipality would like to transfer ownership and then the poles would be maintained at the sole cost of API. The reason for this is that all other locations and poles within the Municipality of Wawa are already serviced by Algoma Power Inc.

The current condition of the hydro poles is poor and they are to be replaced within the next 5-10 years at an estimated cost of \$10,000.00 per hydro pole. Currently there are 8 poles that would be replaced for an estimated cost of \$80,000.00 at the sole expense of the Municipality of Wawa within the next 5-10 years.

Transferring ownership of the poles located on Golf Course Road that service the Sewage Lagoons to Algoma Power Inc. would relieve the Municipality of any future costs to maintain these poles and inspection costs for monitoring the condition and degrading of the infrastructure.

Financial/Staffing Implications

The information below is an estimate of costs to the hydro poles located on Golf Course Road servicing the Sewage Lagoons if the Municipality keeps ownership.

Replace existing poles within 5-10 years:
Estimate \$10,000.00 per pole, \$80,000.00 total cost.

Annual inspections and report of hydro poles and infrastructure by a certified professional: \$2,000.00 per year.

Once the hydro poles are replaced and infrastructure is updated, it is expected that the poles will last for 50 years and minimal costs for repairs to the hydro lines will be required as long as regular inspections and maintenance is completed when required.

This is at extra cost to the Municipality of Wawa and is not currently included in the operating or capital budgets.

Alternatives

The Municipality of Wawa transfers ownership and liability of hydro poles located on Golf Course Road which services the Sewage Lagoons to Algoma Power Inc. and that Council grants an easement to Algoma Power Inc. for the property where the hydro poles noted above are located. **Recommended.**

The Municipality of Wawa does not transfer ownership and liability of hydro poles located on Golf Course Road which services the Sewage Lagoons and remains liable to complete repairs in order to maintain the condition of the hydro poles and replacing hydro poles when required at sole cost to the Municipality of Wawa. **Not Recommended.**

The Municipality of Wawa remains owner of the hydro poles located on Golf Course Road which services the Sewage Lagoons but enters into agreement with API for maintenance and repair of the infrastructure at reduced cost to the Municipality, if possible. **Not Recommended.**

Conclusion

The Municipality of Wawa does not have certified staff to complete maintenance of hydro poles or annual inspections of the service. Extra costs would have to be added to budget for hiring a certified professional to complete audit and reports on the hydro poles and its infrastructure including any maintenance cost or replacement costs of the current infrastructure to service the Sewage Lagoons.

Algoma Power Inc. currently completes all maintenance and inspections to the hydro poles located within the Municipality and surrounding area, they have certified professionals to complete the maintenance and inspection of hydro infrastructure.

Transferring ownership and liability of the hydro poles servicing the Sewage Lagoons to Algoma Power Inc. will resolve any future costs associated with maintenance and inspections of the hydro poles.

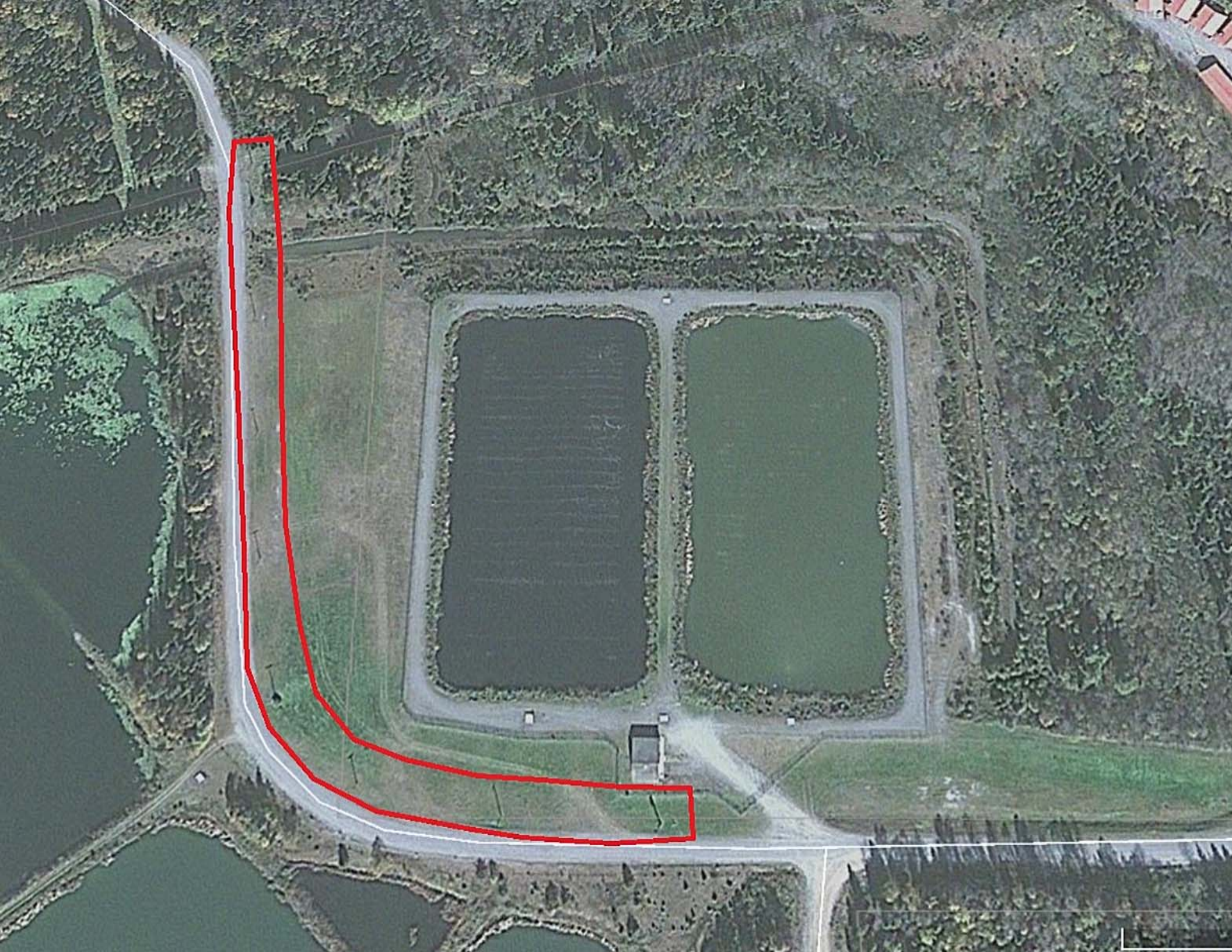
Recommendation

It is recommended that Council approves to transfer ownership of hydro poles located on Golf Course Road that provide hydro services to the Sewage Lagoons and all liability to Algoma Power Inc. and grants an easement to API for the location of the infrastructure.

Attachments

Attachment # 1 – Aerial image of hydro poles location highlighted

Attachment # 2 – Letters of communication between Great Lakes Power and Engineering representative for the Township of Michipicoten



GREAT LAKES POWER LIMITED

P.O. Box 100
SAULT STE. MARIE, ONTARIO
P6A 5L4

AREA CODE 705
759-7600

June 13, 1986

Knox Martin Kretch Limited,
Consulting Engineers, Planners, Landscape Architects,
220 Advance Boulevard,
Brampton, Ontario.
L6T 4J5

Attention: Mr. Sarf Hussain

Reference: Township of Michipicoten
Wawa Sewage Treatment Facilities

Dear Sir:

I would like to confirm certain telephone conversations we have had regarding the incoming service line to the proposed Wawa sewage treatment facilities.

The existing power supply is a 12.5/7.2 kV 4-wire grounded primary line. Installation, ownership and maintenance of the primary service line supplying the plant would be the responsibility of the customer.

We suggested having this primary line built by your contractor although we will do the work if you cannot find anyone else to meet your requirements. If we were to do the construction all work would be billed at our actual costs.

Concerning the location of the primary disconnect switch, we request that it be installed at the property line rather than at the underground dip pole.

I would also request that provision for metering should be made so that the meter will be in an accessible location on the outside of the building. I would suggest that whoever is awarded the contract for this part of the work contact us for more detail on our requirements.

If you require any additional information please contact our office.

Yours truly,

K.D. (Kevin) Bell, P. Eng.
Distribution Engineer

KDB/df



James A.J. Knox
Patrick J. McGrenere
Terry W. Card
Robert D. Fleeton

Knox Martin Kretch Limited

Consulting Engineers, Planners, Landscape Architects.
220 Advance Boulevard, Brampton, Ontario. L6T 4J5
416-459-4780

21 March, 1986.

Great Lakes Power Company,
P.O. Box 100
Sault Ste. Marie, Ontario.
P6A 5L4

Attention: Mr. Kevin Bell, Distribution Engineer

RE: TOWNSHIP OF MICHIPICOTEN WAWA SEWAGE TREATMENT FACILITIES

Gentlemen:

We are consultants to the Township of Michipicoten for design and construction inspection on the above mentioned sewage works project. During design our electrical engineer, Sarf Hussain has discussed the project with Bill Jones, Superintendent in the Wawa Office, particularly regarding the incoming service.

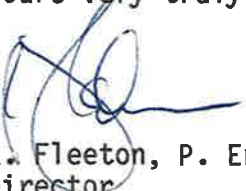
Our design is now almost complete and at the local office's suggestion we are submitting our design for the incoming service for your review. Specifically we request confirmation of the power source at the hydro line as shown, the number and location of poles, as well as confirmation that Great Lakes Power are able to install the pole line in accordance with the desired schedule.

Currently we anticipate tender call by the end of April and thus we would ask for your co-operation in responding as soon as possible so that any revisions may be incorporated into the design and we would also request a budget for the work. Payment for the installation will be made directly by the Township of Michipicoten.

It is anticipated that power will be required on the site by August 1986.

We trust this is satisfactory.

Yours very truly,


R. Fleeton, P. Eng.
Director

RF:tlk
1484

KNOX MARTIN KRETCH LIMITED

cc: Bill Gregson: MOE
Harry McCluskie: Wawa
Bill Jones, Superintendent: Great Lakes Power Co.

