MUNICIPALITY  **OF ASSIGINACK**

REGULAR MEETING OF COUNCIL
To Be Held in the Council Chambers
Tuesday, February 18th, 2020 at 5:00 p.m.
Council's Regular Meeting Agenda

For consideration:

1. **OPENING**
   a) Adoption of Agenda
   b) Disclosure of Pecuniary Interest and General Nature Thereof

2. **ANNOUNCEMENTS**

3. **ADOPTION OF MINUTES**
   a) Regular Council Meeting Minutes of February 4th, 2020.
   b) Minutes of the Manitoulin East Municipal Airport Commission Meeting of February 3, 2020.

4. **DELEGATIONS**

   a) Heather Jefkins:APS: Governor General History Award Winner Presentation

5. **REPORTS**

   a) OCWA: DWQMS Management Review Minutes

6. **ACTION REQUIRED ITEMS**

   a) Accounts for Payment: General: $213,355.27 Payroll: $ 19,554.10
   b) Assiginack Historical Society Request

c) EXP: Network Modelling and Upgrade Proposal

7. INFORMATION ITEMS

a) Village of Merrickville-Wolford: Wetlands Designation
b) Manitoulin Fine Arts Association: Funding Request
c) M.S.S.: Robotics Team Funding Request
d) Prince Edward County: Bill 156 Support
e) Southwest Middlesex: Bill 156 Support
f) The Coastal Centre: Lake Huron Conference

8. BY-LAWS

None

9. CLOSED SESSION:

a) Potential Acquisition or Disposition of Land

10. ADJOURNMENT

THE CORPORATION OF THE TOWNSHIP OF ASSIGINACK
MINUTES OF THE REGULAR COUNCIL MEETING

The Regular Meeting of the Council of the Corporation of the Township of Assiginack was held in the Council Chambers on Tuesday, February 04, 2020 at 4:50 p.m.

Present: Mayor Dave Ham
Councillor Hugh Moggy
Councillor Dave McDowell
Councillor Rob Maguire
Councillor Christianna Jones

Staff: Alton Hobbs, CAO, Deputy Clerk
Deb MacDonald, Treasurer
Ron Cooper, Public Works Superintendent
Freda Bond, Tax and Utilities Manager
Jackie White, PEC

Public: Sandy Cook – Angel Bus Initiative

OPENING:

#27-03-2020 H. Moggy - D. McDowell
THAT the Regular Meeting of the Council of the Corporation of the Township of Assiginack be opened for business at 4:50pm, with a quorum of members present, with Mayor Ham presiding in the Chair.

CARRIED

AGENDA:

#28-03-2020 D. McDowell - H. Moggy
THAT the agenda for this meeting be accepted as presented.

CARRIED

DISCLOSURE OF PECUNIARY INTEREST:

NONE

ANNOUNCEMENTS:

NONE

ADOPTION OF MINUTES:

#29-03-2020 H. Moggy - D. McDowell
THAT the Minutes of the Regular Council Meeting of January 21st, 2020 be accepted.

CARRIED

#30-03-2020 D. McDowell - H. Moggy
THAT the Minutes of Assiginack Public Library meeting of December 19, 2019 be accepted.

CARRIED

#31-03-2020 H. Moggy - D. McDowell
THAT the Minutes of Manitoulin CPAC meeting of January 8, 2020 be received.

CARRIED

#32-03-2020 D. McDowell - H. Moggy
THAT the Minutes of the Public Health Sudbury and Districts Meeting of January 16, 2020 be received.

CARRIED

DELEGATIONS:

#33-03-2020 H. Moggy - D. McDowell
THAT the we thank Sandy Cook of the Gore Bay Manitoulin Lodge Auxiliary for attending this meeting and discussing the Angel Bus Initiative.

CARRIED

REPORTS:

#34-03-2020 C. Jones - R. Maguire
THAT we invite Steve Moggy of the Ministry of the Environment, Conservation and Parks to attend a future meeting to review our recent Environmental Compliance Approval and future options for our landfill site.

CARRIED

ACTION REQUIRED ITEMS:

#35-03-2020 C. Jones - R. Maguire
THAT Council authorizes the following Accounts for Payment:

General: $52,347.09

AND THAT the Mayor and administration be authorized to complete cheques #29596 through #29630 as described in the attached cheque register report.

CARRIED

#36-03-2020 C. Jones - R. Maguire
THAT Council authorizes the following Accounts for Payment:

Payroll: $19,432.64

AND THAT the Mayor and administration be authorized to complete cheques #29590 through #29595 as described in the attached cheque register report.

CARRIED

#37-03-2020 C. Jones - R. Maguire
THAT Council approves $500.00 of the OCLIF funding to be directed to the Manitoulin Injury Prevention Coalition for the Cannabis Education and Awareness Program.

CARRIED

#38-03-2020 R. Maguire - C. Jones
THAT we thank MICA for the gift of a Cycle Rack and that we confirm the requested location with them.

CARRIED

#39-03-2020 C. Jones - R. Maguire
THAT Council authorizes acceptance of the Condition Assessment of the Burns Wharf Theatre by 3rd Line Studio at the budgeted cost of $21,290.00.

CARRIED

INFORMATION ITEMS:

#40-03-2020 R. Maguire - C. Jones
THAT we acknowledge receipt of the following correspondence items:

a) Destination Manitoulin Island
b) City of Sarnia: Ontario Power Generation's Deep Geological Repository Project

c) Colleen Caselton: Service Provider Network Support
d) Ministry of Children, Community and Social Services: Survey Request

CARRIED

BY-LAWS:

#41-03-2020 R. Maguire - C. Jones
THAT the By-Law # 20-01, being the by-law to provide for an interim tax levy and to provide for the payment of taxes and to provide for penalty and interest of 1.25% be given first, second and final readings and enacted in open council.

CARRIED

CLOSING:

#42-03-2020 C. Jones - R. Maguire
THAT we adjourn until the next regular meeting or call of the Chair.

CARRIED

David Ham, MAYOR

Alton Hobbs, CAO/DEPUTY CLERK

5:35 p.m.
These Minutes have been circulated but are not considered Official until approved by Council.

Manitoulin East Municipal Airport Commission Inc.
Commission Meeting Minutes
February 3, 2020

Present: G. Dobbs, J. Ferguson, B. Wood, B. Koehler, R. Maguire D. Williamson , D. Ham.
Meeting called to order at 7 PM by D. Ham
Declaration of pecuniary interest- nil

Motion 2020 02 07
Moved by R. Maguire
Second by B. Koehler
Resolved that the Commission approves the agenda for the meeting of February 3, 2020
Carried

Motion 2020 02 08
Moved by B. Wood
Second by J. Ferguson
Resolved that the Commission approves the minutes of the meeting of January 6, 2020
Carried.

Motion 2020 02 09
Moved by J. Ferguson
Second by B. Wood
Resolved that the Commission accept the managers' report January 2020.
Carried

Motion 2020 02 10
Moved by B. Koehler
Second by R. Maguire
Resolved that the Commission accept the treasurers' report for January 2020.
Carried

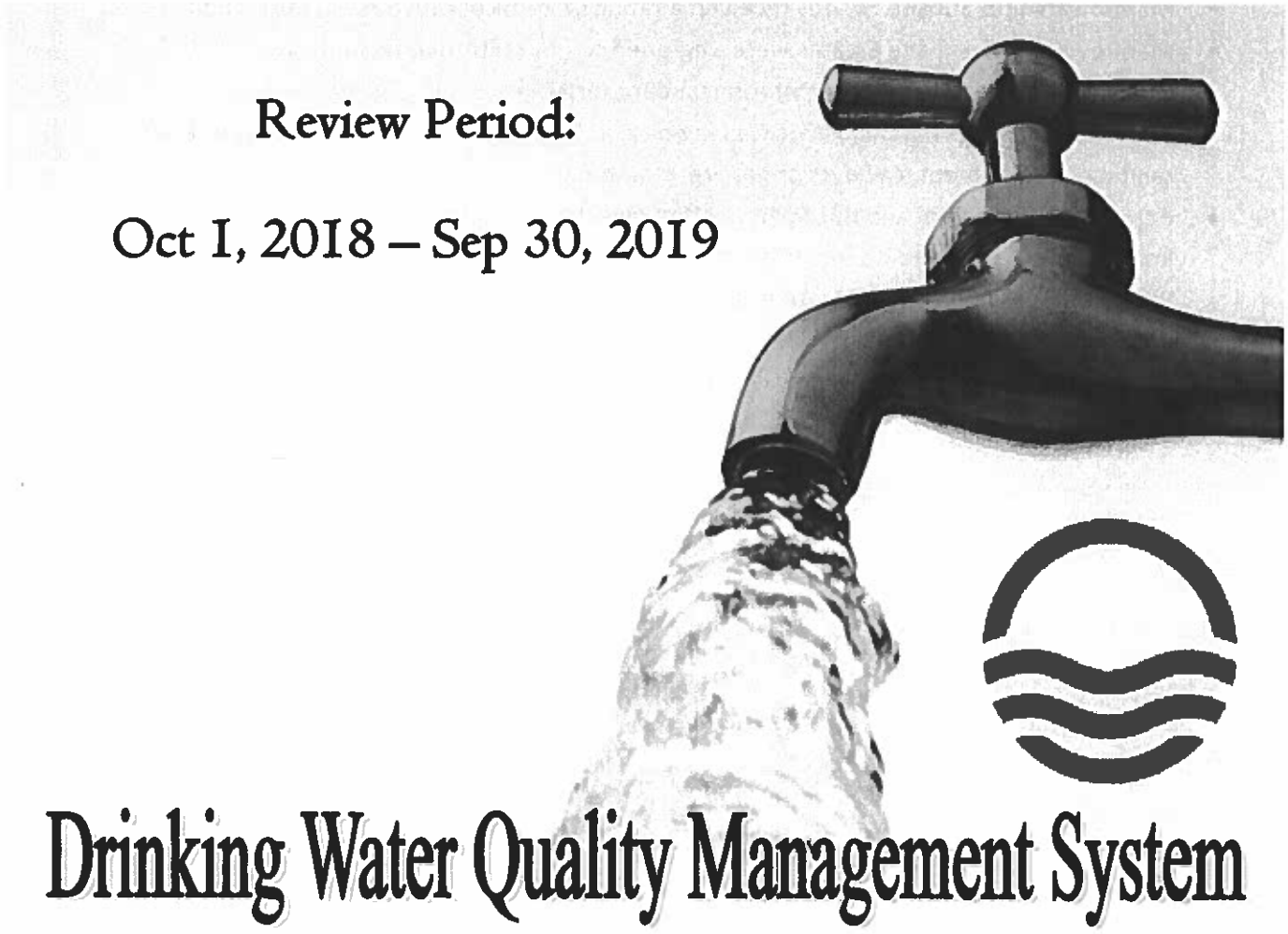
Motion 2020 02 11
Moved by R. Maguire
Second by B. Wood
Resolved that the Commission approves a five percent (5%) aircraft hangar rental rate increase effective as of June first 2020.
Carried

Motion 2020 02 12
Moved by B. Koehler
Second by J. Ferguson
Resolved that the Commission approves a one dollar per hour wage rate increase for all airport employees effective February 3rd 2020. Carried

Motion 2020 02 13
Moved by J. Ferguson
Second by B. Wood
Resolved that the meeting of February 3rd does now adjourn at 7:25 PM.
Carried

The Corporation of the Township of Assiginack

2019 Management Review Minutes



Review Period:

Oct 1, 2018 – Sep 30, 2019

Drinking Water Quality Management System

Meeting Date:	October 23, 2019
Attendance:	Keith Stringer – OCWA Operations Management, Natalie Wagar – OCWA PCT, Patti O'Handley – OCWA Operations Management
Minutes of Review Provided to:	Jeff St.Pierre – Regional Manager, Allyson Kirk – Safety, Process and Compliance Manager, Natalie Wagar – QEMS Rep & PCT, Sarah Beaulieu – QEMS Rep & PCT, Keith Stringer - Sr. Operations Manager, Larry Harasym – Facility Operator, Alton Hobbs – Township of Assiginack

** All reference to MOE, MOECC or MECP means Ministry of the Environment, Conservation and Parks

Facility Highlights:

- Third party offsite and onsite audits took place in 2019. Accreditation was achieved based on DWQMS version 2.0
  - Manitowaning & Sunsite Estates received a rating of 100% during the last inspection
  - Manitowaning & Sunsite Estates were upgraded to ultra filtration technology
  - Lead levels are well below the Ontario standard for Manitowaning & Sunsite Estates
  - The maintenance program (WMS) was deemed to be adequate. No problems were found relating to equipment, call outs or general maintenance.
  - Results of the internal and third party audits revealed the DWQMS program was well implemented and listed no major issues.
  - Power outages and communication issues are still causing some problems in Sunsite with data collection.
  - Through the Management Review, 7 action items were created

List of Action Items Created Through the Management Review Process

Action Items Resulting from Review			
Root Location of Action Within Minutes	Action Item	Personnel Responsible	Proposed Timeline
Consumer Feedback	Mtg - An updated community complaint record will be provided to the QEMS rep with follow up information included.	Operational Staff	March 30, 2020
Internal and Third Party Audits	Management will follow up with the municipality to review purchasing and receiving practices for distribution components	Operations Management	May 31, 2020
Internal and Third Party Audits	Mtg & SSE - A quarterly work order will be created to log verifications of lab equipment	Maximo Primary	Jan 31, 2020
Internal and Third Party Audits	Mtg & SSE - An SOP for responding to turbidity alarms will be updated	PCT	March 30, 2020

Consideration of Applicable Best Management Practices	A review of filter efficiency regulations and the math involved to calculate it will be reviewed with all operational staff at the next hub meeting. This will include the importance of completing manual calculations when online data is incorrect.	PCT	Dec 31, 2020
Resources Needed to Maintain the DWQMS	Training on DWQMS version 2 should be held for all operational staff in 2020	PCT	Dec 31, 2020
Operational Plan: Currency, Content, Updates	Wording to address distribution work oversight will be added to the operational plan's element 10-Competencies and element 13-Essential Supplies	PCT	Jan 15, 2020

Incidents of Regulatory Non-Compliance

Non compliances are reported to the local MOE inspector or can be identified within an inspection report.

Manitowaning

- The facility had 0 non compliances identified during the latest MECP inspection which took place on May 28, 2019

Sunsite Estates

- The facility had 0 non compliances identified during the latest MECP inspection which took place on July 31, 2019

Incidents of Adverse Drinking Water Tests

The drinking water regulation identifies particular indicators of Adverse Water Quality Incidents (AWQI) which must be reported to the MOE and the MOH.

Manitowaning

- One AWQI occurred relating to a broken watermain.

Sunsite Estates

- There were no AWQIs filed with the MECP.

Deviations from Critical Control Point (CCP) Limits

Critical Control Points (CCP) are established through the Risk Assessment exercise and are monitored through the SCADA and Wonderware systems.

Manitowaning

- Most callouts were due to CMF failures, low clearwell and low chlorine.
- Although a significant amount of deviations occurred throughout the year, many upgrades to the facility and SCADA have been ongoing to address these problems.

Sunsite Estates

- Recent deviations relate to turbidity through the filters. A switch in seasonal temperatures often results in changes being required to the process and membrane cleaning.

Operational Performance

Performance is evaluated by reviewing the MOE's latest inspection rating as well as the programs put in place by the Operating Authority.

Manitowaning

- A grade of 0/506 was given to the facility by the MECP inspector during the latest inspection providing a score of 100%
- Membranes were upgraded from micro filtration to ultra filtration.
- Trending and monitoring issues were fixed with the upgrade of the SCADA system

Sunsite Estates

- A grade of 0/485 was given to the facility by the MECP inspector during the latest inspection providing a score of 100%
- The upgraded SCADA system is not fully functional; some communication issues still remain.
- Most call outs and issues are due to communication issues and not necessarily facility process.
- Flows were higher than normal for the month of September although still well below the facility's permit limit.
- Membranes were upgraded from micro filtration to ultra filtration.

Raw Water Supply and Drinking Water Quality Trends

Raw water and drinking water trends are monitored through OCWA's SCADA and Wonderware systems and numerical data is maintained within our Process Data Management (PDM) program.

Manitowaning

- Raw water turbidity is consistent throughout each season
- Lead levels are well below the Ontario standard
- THM and HAA levels are consistently below provincial limits.
    - Current THM values: 40.0 ug/L (Limit is 100 ug/L)
    - Current HAA values: 24.5 ug/L (Limit is 80 ug/L)
- There does not seem to be any degradation of the source water based on monitoring and sampling data

Sunsite Estates

- Lead levels are well below the Ontario standard
- THM and HAA levels are consistently below provincial limits.
    - Current THM values: 39.0 ug/L (Limit is 100 ug/L)
    - Current HAA values: 21.8 ug/L (Limit is 80 ug/L)
- There does not seem to be any degradation of the source water based on monitoring and sampling data

Consumer Feedback

Community complaints are reported to the Operating Authority, either directly from consumers or through the Municipal office.

Manitowaning

- A single complaint was received for low pressure. The report states that follow up is still required with the resident. An updated community complaint record will be provided to the QEMS rep with follow up information included. ***(Action Item)***

Sunsite Estates

- No consumer complaints were received by the Operating Authority

Internal and Third Party Audits

Internal audits are undertaken by the Operating Authority while external audit are performed by a third party. Any opportunities for improvement (OFI) listed within the reports are either implemented as preventive actions or are discarded as not being required.

- The off-site (surveillance) external audit was completed on February 7, 2019
  - A total of 3 OFIs were listed.
- The on-site (reaccreditation) external audit was completed on March 13, 2019
  - A total of 1 NC and 6 OFIs were listed.
  - Management will follow up with the municipality to review purchasing and receiving practices for distribution components ***(Action Item)***
  - A quarterly work order will be created to log verifications of lab equipment ***(Action Item)***
- The internal audit was completed on August 21, 2019
  - A total of 3 NCs and 3 OFIs were listed.
  - An SOP for responding to turbidity alarms will be updated ***(Action Item)***

Consideration of Applicable Best Management Practices

Best management practices found on the facility's latest inspection report, published by the Ministry of the Environment or found through other means are reviewed at least every 36 months.

Manitowaning

- Intake inspections will continue on the current schedule of every 5 years
- In house labs are done regularly but are sometimes skipped when staff shortages occur; processes are always monitored through analyzers and online instrumentation

Sunsite

- Operators are encouraged to use the log sheet for chlorine residuals so results are not misplaced
- A review of filter efficiency regulations and the math involved to calculate it will be reviewed with all operational staff at the next hub meeting. This will include the importance of completing manual calculations when online data is incorrect. ***(Action Item)***
- OCWA will remain in communication with the municipality in regards to snow removal needs, especially as it relates tote generator and tank area.
- Clearwells are visually inspected by operational staff on a regular basis. As this is a membrane system, the clearwell stays fairly clean.
- Approval has been given to purchase new equipment to address the failing highlift pumps.
- The pH control system will be removed from the DWWP during the next round of renewals

The Risk Assessment Process

Hazardous events are identified and control measures established for each. Risk assessments are required to be verified annually and re-assessed for the system every 36 months.

- The risk assessment process was reviewed and deemed to be adequate
- Some updates are needed to the risk assessment as per the annual review completed during the internal audit

Emergency Response Testing

OCWA maintains 6 mandatory contingency plans which cover the majority of possible emergency situations. Each contingency must be tested annually and each must be reviewed every 5 years.

- The contingency for Spill Response was tested
  - An incident which took place at the Massey WTP was used as the scenario basis for the test. A chlorine gas leak occurred.
  - The contingency for Critical Injury was also reviewed as part of the test
- The Test Summary Form to log the findings of the test has not been completed yet

Action Items from Previous Management Reviews

Action items are initiated when deficiencies are found within the Quality Management System. Previous management review records are inspected on a continual basis.

- An action item remains open relating to an SOP which requires updating
- Assets need to be reviewed and entered into Maximo following upgrades at both facilities

Status of Other Actions Items Identified Between Reviews

Action items are sometimes initiated in response to other audits or incidents.

- All action items have been resolved.

Changes That Could Affect the Quality Management System

This discussion is held to examine any changes which have occurred within the Organization, the Municipality or the Quality Management System.

- One of the area's operators is set to retire in 2020.
- A replacement will be sought early 2020

Resources Needed to Maintain the DWQMS

Resources are defined as those things needed to implement or maintain the QMS such as physical work, financial resources and time involved by personnel.

- Training on DWQMS version 2 should be held for all operational staff in 2020 ***(Action Item)***

Infrastructure Review

An infrastructure review is required annually by contractual obligations and DWQMS requirements. Infrastructure is assessed and recommendations are made to maintain or optimize the facility.

Manitowaning

- Membrane system was upgraded from micro filtration to ultra filtration
- SCADA upgrades and programming were completed
- Valves were repaired/replaced in the distribution

Sunsite

- Membrane system was upgraded from micro filtration to ultra filtration
- SCADA upgrades are ongoing
- Chemical transfer pumps were purchased

Operational Plan: Currency, Content, Updates

The DWQMS requires the Operating Authority to documents QMS for the drinking water system in the form of an Operational Plan.

- Updates were made to the operational plan to meet new V2.0 DWQMS requirements.
- Wording to address distribution work oversight will be added to the operational plan's element 10-Competencies and element 13-Essential Supplies ***(Action Item)***

Staff Suggestions, Recommendation for Improvement

Staff suggestions are made, either directly to the Manager or the Process and Compliance Technician, and are reviewed during the Management Review.

- There were no staff suggestions.

Next Management Review Meetings

- Scheduled for October 2020

The Township of Assiginack
CHEQUE DISTRIBUTION REPORT
Payables Management

Ranges:	From:	To:		From:	To:
Vendor ID	First	Last	Chequebook ID	First	Last
Vendor Name	First	Last	Cheque Number	0029638	0029663
Cheque Date	First	Last			

Sorted By: Cheque Number

Distribution Types Included: All

ChqNo:	0029638	Date:	03/02/2020	Vendor:	CITY OF GREATER SUDBURY	Amount:	$1,004.90
InvNo:	00101586	InvDesc:	nov 2019 recyl.material	InvAmt:	$577.08		
InvNo:	00101793	InvDesc:	dec recycling transport	InvAmt:	$427.82		
ChqNo:	0029639	Date:	03/02/2020	Vendor:	COMPUTREK	Amount:	$3,242.54
InvNo:	20777	InvDesc:	admin-laptop	InvAmt:	$2,480.35		
InvNo:	20790	InvDesc:	feb-it/remote server mgmt	InvAmt:	$762.19		
ChqNo:	0029640	Date:	03/02/2020	Vendor:	HYDRO ONE NETWORKS INC.	Amount:	$13,694.01
InvNo:	JAN 23 2020 INFO	InvDesc:	info booth	InvAmt:	$29.13		
InvNo:	JAN 23 2020 ARENA	InvDesc:	arena	InvAmt:	$991.05		
InvNo:	JAN 23 2020 SS WTP	InvDesc:	ss wtp	InvAmt:	$1,277.24		
InvNo:	JAN 23 2020 TENNIS	InvDesc:	tennis court	InvAmt:	$28.48		
InvNo:	JAN 23 2020 SHWRHSE	InvDesc:	marina showerhouse	InvAmt:	$28.48		
InvNo:	JAN 23 2020 LIBRARY	InvDesc:	library	InvAmt:	$470.33		
InvNo:	JAN 23 2020 DOCKS	InvDesc:	marina docks	InvAmt:	$28.48		
InvNo:	JAN 23 2020 PO/BNK	InvDesc:	po/bnk	InvAmt:	$410.59		
InvNo:	JAN 23 2020 LITES	InvDesc:	street lites	InvAmt:	$522.02		
InvNo:	JAN 29 2020 LAGOON	InvDesc:	lagoon	InvAmt:	$2,425.70		
InvNo:	JAN 27 2020 MTG WTP	InvDesc:	mtg wtp	InvAmt:	$6,716.16		
InvNo:	FEB 3 2020 NORISLE	InvDesc:	norisle heritage park	InvAmt:	$67.33		
InvNo:	FEB 3 2020 PW	InvDesc:	pw	InvAmt:	$692.92		
InvNo:	JAN 28 2020 PW MICRO	InvDesc:	pw-microfil	InvAmt:	$6.10		
ChqNo:	0029641	Date:	03/02/2020	Vendor:	JACKIE WHITE	Amount:	$145.16
InvNo:	JAN 27 2020	InvDesc:	pec-reimb/supplies threads clb	InvAmt:	$145.16		
ChqNo:	0029642	Date:	03/02/2020	Vendor:	MANITOWANING MILL & HOME BUILDING CENTRE	Amount:	$669.92
InvNo:	0175430	InvDesc:	fd-ice melt	InvAmt:	$23.38		
InvNo:	0174938	InvDesc:	f-batteries	InvAmt:	$18.05		
InvNo:	0174503	InvDesc:	fd-fittings for air supply	InvAmt:	$4.72		
InvNo:	0176901	InvDesc:	admin-filters	InvAmt:	$13.53		
InvNo:	0176084	InvDesc:	arena-tiles/adhesive	InvAmt:	$90.50		

The Township of Assiginack
CHEQUE DISTRIBUTION REPORT
Payables Management

InvNo: 0176450	InvDesc: po-sidewalk ice scraper	InvAmt:	$14.66		
InvNo: 0176912	InvDesc: office/library-vacuum/spreader	InvAmt:	$409.04		
InvNo: 0170813	InvDesc: clinic bldg-door lock set	InvAmt:	$96.04		
ChqNo: 0029643	Date: 03/02/2020	Vendor: MANITOULIN-SUDBURY DISTRICT SOCIAL SERVIC		Amount:	$62,494.50
InvNo: IN000018027	InvDesc: feb amb/social assist	InvAmt:	$31,247.25		
InvNo: IN000018005	InvDesc: jan amb/social assist.	InvAmt:	$31,247.25		
ChqNo: 0029644	Date: 03/02/2020	Vendor: MANITOULIN PLANNING BOARD		Amount:	$8,727.77
InvNo: 2020 INTERIM	InvDesc: 2020 interrim billing	InvAmt:	$8,727.77		
ChqNo: 0029645	Date: 03/02/2020	Vendor: MANITOWANING PHARMACY		Amount:	$47.70
InvNo: 108540	InvDesc: admin-batteries/first ad supp	InvAmt:	$43.19		
InvNo: 108869	InvDesc: admin-masking tape	InvAmt:	$4.51		
ChqNo: 0029646	Date: 03/02/2020	Vendor: MANITOWANING FRESHMART		Amount:	$18.36
InvNo: 00546052	InvDesc: admin-tea	InvAmt:	$4.79		
InvNo: 00547876	InvDesc: admin-water refill	InvAmt:	$3.99		
InvNo: 00548935	InvDesc: admin-tea	InvAmt:	$9.58		
ChqNo: 0029647	Date: 03/02/2020	Vendor: MUNICIPAL EMPLOYER PENSION CENTRE OF ONT/		Amount:	$65.26
InvNo: MC006058	InvDesc: 2020 municipal contribution	InvAmt:	$65.26		
ChqNo: 0029648	Date: 03/02/2020	Vendor: METAL AIR MECHANICAL SYSTEMS		Amount:	$6,955.41
InvNo: 141846	InvDesc: arena-ammonia plant repairs	InvAmt:	$6,955.41		
ChqNo: 0029649	Date: 03/02/2020	Vendor: MINISTER OF FINANCE		Amount:	$1,114.73
InvNo: JAN 2020	InvDesc: jan eht remittance	InvAmt:	$1,114.73		
ChqNo: 0029650	Date: 03/02/2020	Vendor: MINISTER OF FINANCE		Amount:	$50.00
InvNo: 2020 CAO/CLERK FORUM	InvDesc: 2020 Northern CAO/Clerk Forum	InvAmt:	$50.00		
ChqNo: 0029651	Date: 03/02/2020	Vendor: NEW NORTH FUELS INC		Amount:	$4,701.06
InvNo: 529506	InvDesc: po-furnace oil	InvAmt:	$961.25		
InvNo: 529643	InvDesc: pw-oil	InvAmt:	$656.04		
InvNo: 530051	InvDesc: pw-diesle	InvAmt:	$962.45		
InvNo: 530832	InvDesc: mun.office-furnace oil	InvAmt:	$448.50		
InvNo: 530955	InvDesc: pw-diesel	InvAmt:	$1,275.08		
InvNo: 531149	InvDesc: po-furnace oil	InvAmt:	$397.74		
ChqNo: 0029652	Date: 03/02/2020	Vendor: NORTHERN 911		Amount:	$298.12
InvNo: 21216-02012020	InvDesc: feb 911 dispatch services	InvAmt:	$298.12		
ChqNo: 0029653	Date: 03/02/2020	Vendor: OMERS		Amount:	$8,203.24
InvNo: JAN 2020	InvDesc: jan omers deductions	InvAmt:	$8,631.40		
ChqNo: 0029654	Date: 03/02/2020	Vendor: ONTARIO PROPERTY SERVICES		Amount:	$300.00
InvNo: 431	InvDesc: tx arrears cancell.cert	InvAmt:	$300.00		

The Township of Assiginack
CHEQUE DISTRIBUTION REPORT
Payables Management

ChqNo:	Date:	Vendor:	Amount:
0029655	03/02/2020	RAINBOW DISTRICT SCHOOL BOARD	$78,312.86

InvNo:	InvDesc:	InvAmt:
2019 4TH QTR	2019 4th qtr requisition	$78,312.86

ChqNo:	Date:	Vendor:	Amount:
0029656	03/02/2020	RECEIVER GENERAL	$17,003.63

InvNo:	InvDesc:	InvAmt:
JAN 2020	jan source deductions	$17,003.63

ChqNo:	Date:	Vendor:	Amount:
0029657	03/02/2020	SUPERIOR PROPANE INC.	$683.29

InvNo:	InvDesc:	InvAmt:
28282590	po/bnk-propane	$647.69
28454092	pw-cylinder rental	$11.87
28454093	arena-cylinder rental	$23.73

ChqNo:	Date:	Vendor:	Amount:
0029658	03/02/2020	Dallas Moggy	$350.00

InvNo:	InvDesc:	InvAmt:
FEB 3 2020	coyote pred (7) comp	$350.00

ChqNo:	Date:	Vendor:	Amount:
0029659	03/02/2020	LES HUGHSON	$50.00

InvNo:	InvDesc:	InvAmt:
JAN 19 2020 CLAIM	coyote pre (1) claim	$50.00

ChqNo:	Date:	Vendor:	Amount:
0029660	03/02/2020	VERSUS BUSINESS FORMS & LABELS	$852.07

InvNo:	InvDesc:	InvAmt:
47180	tax bill forms	$852.07

ChqNo:	Date:	Vendor:	Amount:
0029661	03/02/2020	WAT SUPPLIES	$1,102.67

InvNo:	InvDesc:	InvAmt:
223719	bmo/po-t.tissue,cleaners	$135.40
223777	po/admin/lib-skid of salt	$967.27

ChqNo:	Date:	Vendor:	Amount:
0029662	03/02/2020	WINDOWS UNLIMITED	$2,960.37

InvNo:	InvDesc:	InvAmt:
885107	mnthly parks/g.pickup	$2,960.37

ChqNo:	Date:	Vendor:	Amount:
0029663	03/02/2020	GERRY STRONG	$307.70

InvNo:	InvDesc:	InvAmt:
FEB 3 2020	bldg insp/planning mileage	$307.70

*** End of Report ***

Report Total: **$213,355.27**

ayment #	Amount	Date	Batch #	Employee ID	Employee Name	Status	Payment Method
)029631		03/02/2020	02/03COMB	118	COOPER, RONALD	OUTSTANDING	Cheque
)029632		03/02/2020	02/03COMB	122	HOBBS, ALTON	OUTSTANDING	Cheque
)029633		03/02/2020	02/03COMB	126	MacDONALD, DEBORAH	OUTSTANDING	Cheque
)029634		03/02/2020	02/03COMB	133	BOND, FREDA	OUTSTANDING	Cheque
)029635		03/02/2020	02/03COMB	158	QUACKENBUSH, ASHLEY T	OUTSTANDING	Cheque
)029636		03/02/2020	02/03COMB	173	QUACKENBUSH, CHRYSTAL	OUTSTANDING	Cheque
)029637		03/02/2020	02/03COMB	219	JONES, CHRISTIANNA	OUTSTANDING	Cheque
2029		03/02/2020	02/03COMB	106	WOOD, STEVEN	OUTSTANDING	Direct Deposit
2030		03/02/2020	02/03COMB	134	VIRTANEN, ANNETTE	OUTSTANDING	Direct Deposit
2031		03/02/2020	02/03COMB	140	REID, WALTER	OUTSTANDING	Direct Deposit
2032		03/02/2020	02/03COMB	155	BECK, WILLIAM	OUTSTANDING	Direct Deposit
2033		03/02/2020	02/03COMB	168	STRONG, GERRY	OUTSTANDING	Direct Deposit
2034		03/02/2020	02/03COMB	211	MOGGY, HUGH	OUTSTANDING	Direct Deposit
2035		03/02/2020	02/03COMB	218	MCDOWELL, DAVID	OUTSTANDING	Direct Deposit
2036		03/02/2020	02/03COMB	220	HAM, DAVID	OUTSTANDING	Direct Deposit
2037		03/02/2020	02/03COMB	221	MAGUIRE, ROBERT	OUTSTANDING	Direct Deposit
2038		03/02/2020	02/03COMB	301	ROBINSON, DEBBIE	OUTSTANDING	Direct Deposit
2039		03/02/2020	02/03COMB	323	WHITE, JACQUELINE	OUTSTANDING	Direct Deposit
2040		03/02/2020	02/03COMB	329	OBRIEN, CHERYL	OUTSTANDING	Direct Deposit
2041		03/02/2020	02/03COMB	362	SAGLE, EDDY	OUTSTANDING	Direct Deposit
2042		03/02/2020	02/03COMB	364	BOND, KYLE	OUTSTANDING	Direct Deposit
2043		03/02/2020	02/03COMB	365	BOWERMAN, COLE	OUTSTANDING	Direct Deposit
2044		03/02/2020	02/03COMB	370	LENTIR, CRYSTAL	OUTSTANDING	Direct Deposit
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Total :	$19,554.10						

Assiginack Historical Society
Manitowaning, Ontario

January 29, 2020

Municipality of Assiginack
Manitowaning, Ontario, P0P 1N0

Dear Mayor and Council,

I am writing to you on behalf of the Assiginack Historical Society concerning the 150th Anniversary of the Municipality of Assiginack which occurs next year. Our group played a major role in the 125th Anniversary celebrations in 1996. One of the ways that we marked this occasion was through the purchase and installation of street banners. This was a first for Manitowaning. It is encouraging to note that the Municipality has continued to use the brackets for banners and has added bottom supports to some of these.

A banner design contest was held in 1995 and the winning design was won by a Grade 8 student from Assiginack Public School. The design incorporated green as the community colour, three geese to represent the three townships that came together, pine trees and the name and date Assiginack 1871. They were designed in order that they could be used for 2 or 3 years. Original banners are part of the Museum's collection.

The Historical Society would like to propose that this same design be used in 2021 and that the Historical Society would pay for these banners. The Society would like to see all the original brackets have banners for the occasion and would therefore cover the costs for the additional bottom supports. Our group would ask that whoever looks after banners for the Municipality to be in charge of ordering the banners and having them displayed. We would like to work with this person on this endeavour.

Sincerely,

David Smith, Chair

I can be reached at dssmith@ amtelecom.net or Box 147 Manitowaning. Our mail is forwarded to Victoria.

Proposal for Hydraulic Engineering Services

Manitowaning Water Distribution Network Modelling and Upgrade Recommendations

The Corporation of The Township of Assiginack

EXP Proposal Number: 999-0007229-PP

Exp Services Inc.
885 Regent Street
Suite 3-6A
Sudbury, Ontario
P3E 5M4. Canada
T: 1.705.674.9681

February 11, 2020

Mark Langille, P.Eng.
Sudbury Infrastructure Manager

Contents

1. Introduction

1.1 EXP Company Profile

EXP is a full-service multi-disciplinary engineering and architectural firm. We offer consulting, investigation, testing and problem-solving services in geosciences, environment, building science, mechanical, electrical, hydraulic, construction materials, pipeline services, fire and life safety, municipal, transportation and facilities engineering. We serve both private and public sector clients across Canada, USA and internationally.

EXP is a Canadian-owned firm, which today employs more than 3,000 highly qualified people, with 1,500 engineers and architects from various disciplines, assisted by technicians, draftspersons, and administrative staff. We offer specialized expertise in engineering, architecture, environmental science as well as a number of activities closely related to applied sciences.

EXP has extensive experience and an excellent reputation in ***Water and Wastewater Distribution Systems*** and accompanying ***Hydraulic Analysis***, including our numerous infrastructure planning feasibility studies for waterfront projects. With the support of our other service lines, we provide seamless delivery of integrated projects.

2. Project Understanding

2.1 Background

The Township of Assiginack is located on the eastern portion of Manitoulin Island. The main community, Manitowaning, is the administrative center of Assiginack Township and was founded in 1836. Manitowaning is nestled in the picturesque Manitowaning Bay with a current estimated population of approximately 600. The Township of Assiginack is requesting a proposal for the development of a water distribution network model for the village of Manitowaning's water distribution system. The purpose of the model is to analyze normal operations under controlled conditions, as well as emergency conditions, and to provide the Township with a planning and analysis tool. The model will be utilized by EXP in determining the feasibility of design upgrades to the distribution system.

2.2 Existing System Overview

The Water Treatment Plant (WTP) intakes water from Manitowaning Bay, just off the North Channel of Georgian Bay on Lake Huron. The raw water intake is a 300mm pipe approximately 90 meters in length with a flared elbow intake inside a crib structure 1.5 meters above the bottom at an average depth of 10m. Water flows by gravity through the intake pipe to a raw water intake wet well. The low lift pumping station is located above the raw water wet well adjacent to the water treatment plant. The low lift station is comprised of two (2) vertical turbine pumps, one duty and one standby, each with the capacity of 1,045 m3/day at 11m TDH which pump the raw water to the water treatment system. Permit to Take Water (PTTW) 7279-BALLLV grants the taking of water from Lake Huron to the Township of Assiginack for the purpose of municipal water supply at a rate no greater than 1149 m3/day.

Pre-treatment of raw water includes straining, addition of pH adjustment and the use of GAC filter tanks if necessary. Treatment is achieved through three (3) Evoqua skid mounted micro-filtration trains, two (2) duty and one (1) standby, each with a capacity of 465 m3/day. Filtration is followed by chlorination. Disinfection occurs through the addition of sodium hypochlorite at two (2) feed points. Sodium hypochlorite is injected at the start of the chlorine contact reservoir (pre-chlorination) and at the high lift header (post-chlorination). Chlorine Contact Time (CT) is achieved in the 80 m^3 baffled chlorine contact reservoir located below the WTP. The treated water then flows over a constant height weir into the two (2) clearwells which have a total volume of 1,010 m^3, also located below the WTP.

Water is fed to the distribution system by three (3) vertical turbine highlift pumps, two (2) duty and one (1) standby located above the clearwells. Each pump has a capacity of 777.6 m3/day at 80m TDH. The WTP is also equipped with two (2) fire pumps (one pump is for redundancy) each with a capacity of 6,048 m3/day at 80m TDH. The plant is operated through a SCADA system which monitors process control, instrumentation and equipment. Emergency power to the WTP is supplied by a standby diesel generator rated at 300kW.

The Manitowaning distribution system was commissioned in 1975, services a population of approximately 600 and consists of two (2) main components; municipal lines and private lines. The MECP reports the system contains approximately 350 service connections, with 65 of those connections going to commercial and institutional premises. The Distribution System is comprised of a 250mm diameter pipe extending 100m from the WTP and branching into 200mm diameter lines on Queen Street and Main Street with 150mm diameter pipe on all other municipal lines. There are also approximately 50 fire hydrants owned, operated and maintained by the Township. The municipality also allowed six (6) private lines to be installed with the agreement that maintenance and initial costs were to be the responsibility of the owners of the private lines. In 2004 the Township requested the operating authority OCWA begin sampling and testing residuals on these lines. The private lines are now included as part of the annual municipal flushing program and repairs to these lines are now overseen by the operating authority.

2.3 Private Line Concerns

Although the Township no longer allows expansion of the private line system, the existing private lines are now being operated and maintained by the Township and the operating authority (OCWA) including microbiological and chlorine residual sampling. In doing so the Township has taken on the liability associated with these lines.

In the recent Ministry of the Environment, Conservation and Parks (MECP) Inspection Report dated May 28, 2019 the following recommendations were made:

"It is recommended that the Municipality provide annual letters to residents connected to private lines reminding them to contact the Municipality regarding any leaks, questions, concerns or shortage of water. Such residents could easily affect the communal drinking water system if they pursue repairs themselves. Note that it is a violation of section 20 of the Safe Drinking Water Act, to cause or permit anything to enter a drinking water system if it could result in a drinking water health hazard, contravention of a standard or interfere with the normal operation of a system."

In short, the private lines within Manitowaning pose a liability risk to the Township and the replacement/upgrade and decommissioning of these lines should be pursued.

3. Project Scope

EXP understands that the scope of this project is the development of a water distribution network model for the village of Manitowaning's water distribution system. The purpose of the model is to analyze the distribution system and provide the Township with a planning and analysis tool. The model will be utilized by EXP in determining the feasibility of design upgrades to the distribution system. EXP also understands this project is to include, but is not limited to the following scope of services:

i. Data collection and review, including existing average daily trends including max day demand, peak hour demand and fire flow demand scenarios.

ii. Understanding of the existing system and performance, including review of previous annual drinking water system reports (DWS), and any available drawings.

iii. Using CGIS software and existing system drawings to identify specific components included in the distribution network.

iv. Capacity calculations for existing developed area and any potential future development.

v. Develop a water distribution network model using WaterGEMS software for the water distribution system.

vi. Perform detailed modelling techniques required to calibrate and analyze the existing system.

vii. Use the model to identify any areas of concern and propose mitigation options and recommendations.

viii. Develop Class D project estimates for the recommended upgrades (for funding purposes).

ix. Summarize relevant results in a detailed report complete with recommendations for the replacement and decommissioning of the privet water lines.

4. Project Team

4.1 General

Resumes of any individuals noted below can be provided upon request.

4.2 Project Team

Project Manager & Engineering Lead | Mark Langille, P.Eng.
28 years of Experience

Mark will serve as the project manager also lead the design team. Mark is a senior mechanical engineer with over 28 years of experience in management, project management and civil and mechanical engineering. He has experience on projects involving water distribution systems, sanitary sewer, sanitary and drinking water pumping stations as well as large multi discipline industrial projects. Mark has worked as a Designer, Project Manager, Construction Superintendent and Contract Administrator during his professional career. Mark was the Project Manager and design engineer for the recently completed multi-million-dollar Gray Road Lift Station for the City of Temiskaming Shores, ON. and is also Branch Manager at the Sudbury office.

Civil/Water Resource Engineer | Nolan Dombroski, P.Eng.
12 years of Experience

Nolan will serve as the Civil and Water Resource Engineer Lead. Nolan is an experienced Civil and Water Resource Engineer in the design of municipal roadways, highways, watermains, sewer systems, water and sewage treatment plants and, pumping stations. Nolan has experience as a project manager on projects ranging in construction value from $5,000 to $11,000,000. Nolan began his career with EXP in 2008 as a construction supervisor and progressed to Branch Manager at the New Liskeard office with a staff complement of 35 people.

Mechanical/Hydraulic Engineer | Hayden Fiset, P.Eng.
4 years of Experience

Hayden Fiset will assist Mark Langille with the Hydraulic design and modeling for this project. Hayden holds significant experience in water and wastewater system design and has provided detailed modelling feedback to treatment plant designers in numerous locations across Ontario. Hayden is also capable of determining pumping requirements for sanitary lift stations and pumping stations, with firm knowledge of pressure losses throughout piping systems and forcemains.

Mechanical/Hydraulic Designer | Bradley Legault, E.I.T.
2 years of Experience

Bradley Legault will assist with the Hydraulic Design and modeling for this project. Bradley holds experience in design as well as on site inspection for various water and wastewater facilities within Ontario. Bradley has the capability of using various hydraulic equations to determine proper pumping requirements, pipe flow characteristics and sizing a proper lift station. Bradley has knowledge of the MECP design guidelines for water and wastewater facilities.

Quality Assurance Manager | Michael Del Monte
22 years of Experience

Michael Del Monte will be responsible for assisting Nolan Dombroski in the project management role. Michael is a graduate Biochemical Technologist and Mining Technician. Michael holds Class 3 Certificates in Water Treatment, Wastewater Treatment, Water Distribution and Wastewater Collection. During the past 16 years, he has been a Senior Operations Manager with the Ontario Clean Water Agency.

5. Water Distribution System Modelling Experience

5.1 North Cobalt Water Stabilization

Assignment Name: North Cobalt Water Stabilization	**Total Construction Cost:** $ 2,200,000
Location: Temiskaming Shores, Ontario	**Engineering Budget:** $ 140,000
Name of Client: The Corporation of the City of Temiskaming Shores	**Address:** 325 Farr Drive, P.O. Box 2050 Haileybury, Ontario P0J 1K0
Contact Reference: Doug Walsh, CET: 1-705-672-3363	**Timeline:** 2016-2019
Project Manager: Nolan Dombroski, P. Eng.	**Technical Support Team:** Mark Langille, P. Eng. James Hawken, P. Eng. Jerry Dussault, P. Eng. Jessy Dussault, P. Eng. Hayden Fiset, P. Eng.

Project Overview:

Exp Services Inc. was retained by the City of Temiskaming Shores to provide engineering services for a proposed Feedermain connection from the existing Niven Street Reservoir on Niven Street in Haileybury to the north end of the North Cobalt Distribution system, at the intersection of Station and King Street, in the City of Temiskaming Shores, Ontario.

The solution was to install a dedicated 300mm dia. PVC Feedermain along Niven Street to increase pressures and ensure a stable and long-term supply of water to the NCDS. This Feedermain allowed for higher pressures to be introduced into the NCDS without affecting the pressures in the Haileybury system. It also provided higher residual pressures and flow to the NCDS.

Hydraulic analysis of the system was completed using Bentley's WaterGEMS and HAMMER software. Pressure for each node in the system was calculated during the hydraulic analysis using the trending demand pattern (maximum day and peak day demands were taken into account in the trending demand pattern). For the NCDS average static pressures ranged between 30psi and 50psi before the addition of the Feedermain. However, once the Feedermain was modeled, the static pressures increased by roughly 20psi, to between 50psi and 70psi.

An additional investigation of the operational capacity of the Haileybury Water Distribution System was also analyzed using our water model as part of this project. Our analysis indicated that the current pumping capacity at the Niven Street Reservoir in Haileybury was undersized, specifically during fire flow conditions. MOECC standards are not met in the NCDS. To rectify this situation the addition of a fourth pump to the system was investigated. In doing so it was determined that an additional pump allows for additional availability of fire flow and increases total residual pressure throughout the NCDS when there are fire flow requirements in Haileybury.

5.2 Temiskaming Shores Water Distribution Linking

Assignment Name: City of Temiskaming Shores Emergency Water Distribution System Linking	**Total Construction Cost:** $ 5,000,000
Location: Temiskaming Shores, Ontario	**Engineering Budget:** $ 178,085
Name of Client: The Corporation of the City of Temiskaming Shores	**Address:** 325 Farr Drive, P.O. Box 2050 Haileybury, Ontario P0J 1K0
Contact Reference: Doug Walsh, CET: 1-705-672-3363	**Timeline:** 2014-2016
Project Manager: Nolan Dombroski, P. Eng. Mark Langille, P. Eng.	**Technical Support Team:** Mark Langille, P. Eng. James Hawken, P. Eng. Jerry Dussault, P. Eng. Jessy Dussault, P. Eng. Hayden Fiset, P. Eng.

Project Overview:

This project involved in plant piping modifications at the New Liskeard and Dymond Reservoirs. At the New Liskeard Shepherdson Road reservoir, piping modifications are necessary to facilitate the instillation of three variable frequency drive (VFD) pumps as well as add components to monitor the flow, pressure and quality of the water. The electrical system will be revamped to adequately support the VFD pumps. The piping in the Dymond reservoir was modified to accommodate a new flow control and check valve combination. This combination was necessary to regulate the flow entering the system and maintain pressure upstream.

This project also involved the installation of a trunk watermain connecting the existing New Liskeard water distribution system at the intersection of Hessle Street and Armstrong Street and connecting to the Dymond water distribution system at the intersection of Gray Road and Highway 11B. The connections between both systems are required in order to eliminate the two wells at the Dymond reservoir. These wells have been found to be under the influence of surface water and have been shown to contain E. Coli.

Exp Services Inc. was retained by the City of Temiskaming Shores to provide engineering services required to implement improvements to the existing water distribution systems including detailed pre-engineering surveys; detailed hydraulic design using Bentley's WaterGEMS and Hammer software, municipal infrastructure; identification of utility conflicts and verification of proposed utility relocation; preparation of the construction contract package and contract administration.

Extensive hydraulic modelling was used during the course of this project to ensure safe and reliable linking of the two separate water distribution systems. Several aspects were analyzed using Bentley's WaterGEMS software including existing individual network demands as well as proposed "linked" demands. Operational parameters were determined for installation of new watermain, valves, pumps, flow meters and associated equipment.

5.3 Dymond Reservoir Pump Replacement

Assignment Name: Dymond Reservoir Pump Replacement and St. Michel's School Water	**Total Construction Cost:** $ 250,000
Location: Temiskaming Shores, Ontario	**Engineering Budget:** $ 20,000
Name of Client: The Corporation of the City of Temiskaming Shores	**Address:** 325 Farr Drive, P.O. Box 2050 Haileybury, Ontario P0J 1K0
Contact Reference: Doug Walsh, CET: 1-705-672-3363	**Timeline:** 2016 - 2018
Project Manager: Nolan Dombroski, P. Eng.	**Technical Support Team:** Hayden Fiset, P. Eng. Alex O'Beirn, P. Eng.

Project Overview:

This project involved the replacement of four existing submersible pumps with two higher capacity vertical turbine pumps at the Dymond Reservoir on Raymond Street in the former community of Dymond. **Exp** Services was retained by the City of Temiskaming Shores to design the replacement pumps and associated plant upgrades to accommodate the replacement of these pumps.

The current upgrade is necessary to supply fire protection to St. Michel School, a French Catholic Public School undergoing an expansion. The school currently receives water service from the Dymond system, but the existing service is not suitable for providing fire protection, and the Dymond Reservoir cannot meet the expanded school's fire flow demand without an upgrade to the plant pumps, and a larger watermain from the reservoir to the school.

Exp utilized WaterGems water modelling software to determine the impact on the New Liskeard/Dymond water distribution system, of supplying the required fire flow to St. Michel school. The model results assist in determining the pumping requirements at the Dymond Reservoir necessary to provide the required fire flows and pressure to the St. Michel School while maintaining adequate service in the existing Dymond/New Liskeard Water Distribution System.

The water modelling undertaken indicated that new pumps would be required at the Dymond Reservoir to meet the fire flow and pressure demands at the St. Michel School, as well as a new distribution line from the plant to the school. Without the upgrades, the existing line to the school would not be adequate to supply the required flows under fire conditions.

5.4 Moosonee Watermain Reconstruction

Assignment Name: Moosonee Ferguson Road Phase 3 – Watermain Reconstruction	**Total Construction Cost:** $ 1,000,000
Location: Moosonee, Ontario	**Engineering Budget:** $ 100,000
Name of Client: The Corporation of the Town of Moosonee	**Address:** 5 First Street, P.O. Box 727 Moosonee, Ontario P0L 1Y0
Contact Reference: Kaveh Etezadi, CET: 1-705-336-2556	**Timeline:** 2016-2017
Project Manager: Mark Langille, P. Eng.	**Technical Support Team:** Nolan Dombroski, P. Eng. Hayden Fiset, P. Eng. Amy Kwaka, P. Eng.

Project Overview:

Exp Services Inc. (exp) was retained by the Town of Moosonee to provide engineering services for the reconstruction of existing watermain along Ferguson road between Veterans Road and Store Creek. As part of the design process, a complete analysis of the water distribution system was necessary to determine the sizes of watermains and facilities required to furnish adequate water service for both immediate and ultimate conditions. This was required to ensure the project was coordinated with water distribution planning in the area. The analysis was accomplished through complete development of a water model of the Moosonee Water Distribution System using WaterGEMS software. The water model for Moosonee was unique as it was developed completely from scratch.

The purpose for the development of this water model was to determine an appropriate size for the reconstruction of the watermain along Ferguson Road. It was quickly noticed that the difference in flows between a 150mm and 200mm watermain was minor. The model showed no changes in flows at the North end of town with varying watermain diameter. There were only slight increases in flows at nodes directly adjacent to the proposed watermain. With three pumps in operation at the WTP an increase of 5 L/s was noticed at the area of reconstruction with a 200mm diameter watermain compared to a 150mm watermain. It was determined that the driving constraint on flow and pressure was not governed by the pipe size, but rather governed by the pumping capacity at the WTP.

It was concluded that the benefits of implementing 200mm diameter watermain entirely may be outweighed by the construction costs associated with the larger pipe. Therefore, we recommended the watermain on Ferguson Road be replaced with 200mm diameter pipe between Lee Crescent and Wavey Crescent North and with 150mm pipe from Wavey Crescent North to Veterans Road. Using a combination of 150mm and 200mm diameter pipe will reduce construction costs and will have the appropriate buried infrastructure in place to supply water to the proposed Hospital.

It was also noted through investigations using our water model, the existing pump capacity at the Moosonee WTP appeared to be significantly undersized and struggled to provide the required flow rate and residual pressure. The pressures and flows calculated by our water model show the Moosonee Water Distribution System does not adhere to the MOECC Drinking Water Guidelines. The analysis made it apparent that pump capacity, pipe size and age, as well as circulation issues, are contributing to low average total daily and residual pressures.

5.5 Matachewan Industrial Park

Assignment Name: Matachewan Industrial Park	**Total Construction Cost:** $ 2,200,000
Location: Matachewan, Ontario	**Engineering Budget:** $ 295,000
Name of Client: The Corporation of the Town of Matachewan	**Address:** 1 Moyneur Avenue, P.O. Box 177 Matachewan, Ontario P0K 1M0
Contact Reference: Annie Kmyta, CAO: 1-705-565-2274	**Timeline:** 2017-2018
Project Manager: Mark Langille, P. Eng.	**Technical Support Team:** Nolan Dombroski, P. Eng. Jerry Dussault, P. Eng. Brad Gilbert, Senior Technologist Hayden Fiset, P. Eng.

Project Overview:

Exp Services Inc. (**exp**) was retained by the Municipality of Matachewan to provide engineering services for the construction of watermain for a proposed Industrial Park.

As part of the design process, a complete analysis of the water supply system was necessary to determine the sizes of watermains and facilities required to furnish adequate water service for both immediate and ultimate conditions. This ensured the project was coordinated with water distribution planning in the area. The analysis was accomplished through the development of a water model of the entire Matachewan Water Distribution System using WaterGEMS software.

The development of this water model included modelling an Elevated Water Storage Facility (EWSF) and setting up alarms for pressure control of the system. This EWSF needed to communicate with the Water Treatment Plant pumps to maintain adequate system pressures.

A detailed design brief was prepared to illustrate the variance in flows and pressures observed by modelling the proposed section of watermain with various pipes sizes and ultimately determine the optimum pipe size to be used in the construction.

5.6 Charlton Dack, Bradley-Clarksville Water Distribution

Assignment Name: Charlton Dack, Bradley-Clarksville Water Distribution Project	**Total Construction Cost:** $ 1,357,000
Location: Englehart, Ontario	**Engineering Budget:** $ 140,000
Name of Client: The Municipality of Charlton and Dack	**Address:** 287237 Sprucegrove Road Englehart, Ontario P0J 1H0
Contact Reference: Dan Thibeault, CAO: 1-705-544-7525	**Timeline:** 2017
Project Manager: Brad Gilbert, Senior Technologist	**Technical Support Team:** Mark Langille, P. Eng. Hayden Fiset, P. Eng. Amy Kwaka, P. Eng.

Project Overview:

Exp Services Inc. (**exp**) was retained by the Municipality of Charlton and Dack to provide engineering services for the construction and reconstruction of watermain in the newly amalgamated Bradley and Clarksville Subdivision water distribution system.

As part of the design process, a complete analysis of the water supply system was necessary to determine the sizes of watermains and facilities required to furnish adequate water service for both immediate and ultimate conditions. This ensured the project was coordinated with water distribution planning in the area. The analysis was accomplished through the development of a water model of the Englehart Drinking Water System and neighbouring distribution systems using WaterGEMS software.

The development of a water model demonstrated that the construction and reconstruction of watermain in the Bradley Subdivision showed significant increases in available flow and total residual pressures when compared to the existing pipe network. The benefits of implementing 200mm diameter watermain throughout the entire subdivision appeared to be outweighed by the construction costs associated with the larger pipe. Therefore, we recommended using 150mm diameter watermain to reduce costs while still maintaining appropriate buried infrastructure for adequate water supply to the entire system.

It was also found through analysis of our water model that the existing pump capacity at the Englehart WTP appeared to be undersized and struggled to provide the required flow rate and total residual. The pressures and flows calculated by our water model showed that many areas of the Englehart Water Distribution System did not adhere to the MOECC Drinking Water Guidelines. The analysis made it apparent that pump capacity, pipe size and age, as well as circulation issues, contributed to low average total daily and residual pressures.

Exp recommended further research into pump sizing and operation at the Englehart WTP along with field testing to record the actual hydrant flows and pressures. This data would be used to further calibrate our water model and assist in determining the appropriate pump capacity upgrades required for the distribution system to meet the MOECC requirements.

6. References

6.1.1 **The City of Temiskaming Shores**

Project: New Liskeard and Dymond Water Distribution System Linking

Reference: Doug Walsh – Director of Public Works

Telephone: 705-672-3363

Email: dwalsh@temiskamingshores.ca

6.1.2 **The Town of Kapuskasing**

Project: Kapuskasing Airport Distribution System

Reference: Eric Cote – Director of Public Works

Telephone: 705-337-4269

Email: eric.cote@kapuskasing.ca

6.1.3 **The Town of Moosonee**

Project: Moosonee Infrastructure Upgrades Phase I, II and III

Reference: Kaveh Etezadi – Public Works Manager

Telephone: 705-336-2556

Email: ketezadi@moosonee.ca

7. Methodology

7.1 Tasks

7.1.1 Project Management

Strong project management is required throughout the project's phases in parallel with the tasks described in the methodology. The major project management tasks to be carried out include:

- Effective and efficient communication with project team.
- Management of the inputs of the design team and specialists by the Team Leader.
- Regular liaison activities with the project team, led by the Team Leader and/or the **exp** Project Manager.
- Provide weekly status updates to the Township as well as responding to any requests or concerns that the Township may have.
- Preparation of reports by the Team Leader assisted by other consulting staff and;
- Maintenance of detailed financial and accounting records of the project by the Project Manager.

7.1.2 Data Collection and Review

Data collection is the first step in progressing with this project. In the previous project, information on the WTP had been collected. Close co-ordination of the project team will be required to validate and update the data.

Within one week of project award, we will schedule a face-to-face meeting in Manitowaning to kick-start the project. The purpose of this meeting will be to:

- Introduce key members of our team to Township staff;
- Finalize the scope of work, including making any "tweaks" to our proposed approach;
- Establish the preferred method(s) of communication;
- Confirm target dates for key project milestones; and
- Exchange all relevant background information.

Our Project Manager will take minutes of the meeting, which will be circulated within three (3) days to ensure that everyone is on the same page at the outset of the project.

In conjunction with project kick-off, we will also take time to meet with the local water system operators, whose day-to-day "hands-on" experience will be an invaluable input to this project. It has been our experience that these individuals usually offer great insight with respect to water quality and pressure issues, user complaints, factors which have led to main breakages, operations information, etc. At the same time, we will obtain feedback on the positive elements of the water system.

Back in the office, our team will review all relevant background data provided by the Township for completeness and suitability for model development. As a minimum, it is assumed the following information will be made available:

- Flow usage records (pumping, treatment, metered);
- Service record breaks (location and root cause);
- Service complaints (taste/odour/pressure/location);
- User pressure issues (high/low) and, if any, pressure zone maps;

- Location and use of PRV's and/or FCV's;
- Fire flow data sheets;
- Residual Monitoring reports;
- Overall Operation & Maintenance records;
- Drinking Water System annual reports for past five years;
- Recent record information which may not be included in the latest Drinking Water System (DWS) report;
- System operational data including: Reservoir levels, pump characteristics and booster pump information;
- Physical dimensions of tanks and reservoirs;
- Relevant CAD and as-built data, especially capital projects and any O&M project that;
    - have not been updated into the Township's GIS database,
    - are currently in the design or construction phase; and/or
    - have been approved into financial plan but have not started.

Once we've had the opportunity to review the full extent of information available, we will immediately notify the Township of any missing data which we think would add value to the study. If necessary, we will discuss the best approaches for collecting this data. Based on our current understanding of available records, including as-built drawings, we are quite impressed with the quantity, quality and organization of data that appears to be available. This will assist the development of the water model and reduce the likelihood of manual data entry.

7.1.3 Review Existing Water Consumption and Determine Future Needs

Evaluating present water consumption and determining the needs of the future requires an assessment of the current population as well as projections for future growth/development. In Ontario, an average population density of 3.5 persons per household is often used with cross-referencing of updated census population numbers. Examining historical data and province wide trends will help us to understand the changing water demands. Based on this, we will establish flow estimates on a per user basis, with some leakage contribution taken into account. The use of MECP standards for flow estimation will be used for this undertaking; as well as industry-recognized peaking factors.

The evaluation for the distribution system and the flow characteristics will be reviewed relative to historical data. Having historical flow data is key to identifying potential leakage and is also very relevant for identifying any institutional and industrial flows that have non-conventional variations. Using this information, a flow estimate will be made for current conditions and future development scenarios. This task will also be tied to peaking factors that will influence the evaluation of water storage and pumping requirements.

7.1.4 Evaluate and Establish Water Storage Requirements

The MECP *Design Guidelines for Drinking-Water Systems* set out the standards for Supply, Treatment, Storage, Distribution and Operation of Drinking Water Supply Systems. These Design Guidelines have a prescribed method for evaluating the required fire storage, peak balancing storage, and emergency storage for a water reservoir. The fire storage volume is not an AWWA (American Water Works Association) reference but rather an insurance-based calculation. Establishing a consistent calculation method for fire flow volumes is important because it is normally the largest volume of a water storage system's capacity. Understanding the minimum pressure that the distribution system can tolerate during normal operations is also key to establishing the hydraulic elevation minimums that the system can withstand prior to a fire flow.

Taking all the above into account, we will establish water system storage requirements for present conditions and for any future development. The EXP team understands this project is not an official master plan process, however communicating at this stage with the Township's Planning and Development Services staff will be an important component in understanding the Township's planning and growth management strategy. This will align our calculation results with the council's strategic plan and consensus among different departments within the Township.

7.1.5 Create Hydraulic Model, Perform Analysis and Model Calibration

We will develop a hydraulic model that is representative of the existing water supply and distribution systems for the Township based on all the data and information collected. The As-Built drawings developed by the Township will form the initial basis for the hydraulic model since it contains many of the physical characteristics of the distribution system that are required. Additional information on system components and operations will be imported afterward via databases or manual methods. Elevation data for junction nodes will be extrapolated from electronic contour mapping (Ontario Base Maps) and/or shapefiles. Upon completion of the hydraulic model, the validate feature will be used to check network topology to ensure all components of the model are connected and for typical data entry errors such as zero length or zero diameter pipes or zero elevation nodes. We assume we will have access to appropriate Township staff during this process to ensure any questions arising regarding infrastructure and operations can be resolved in a timely manner.

Calibration of the model will be performed using existing operational data from the Township and hydrant flow test data provided by the Township. We assume that the flow test data is an adequate representation of the entire distribution system to allow for calibration. Subsequent extra hydrant flow tests may be required. Calibration will be performed using the calibrator tool in the software which uses existing system pressure and flow data along with user defined Hazen William pipe roughness coefficient ranges to create multiple possible calibration solutions. The pipe roughness coefficient ranges will be determined based on pipe material, age and any known physical condition information that has been provided by the Township.

The following hydraulic analyses will be performed for the water distribution system under various existing and future demand scenarios:

- Steady State (static) simulation;
- Extended period simulation;
- Average Daily Demand;
- Max Day and Peak Hour Factor;
- Fire flow analysis;
- Criticality analysis;

Other analyses completed as part of this task will include:

- Outlining any anticipated issues with water supply and pressure;
- Present options for improving operation of the water distribution system.

7.1.6 Detailed Report

Exp will prepare a detailed report upon the completion of the assignment which will highlight all assumptions, design criteria, findings, results, recommendation and conclusions, specifically addressing the private line replacement and decommissioning. The report will also summarize the calculations used to set up and calibrate the water model and provide construction cost estimate(s) for the recommended upgrades.

7.2 Deliverables

The key deliverables for this project will include:

- Calibrated WaterGEMS Hydraulic Model; (property of the Township and can be used by future Consultants)
- Description of Model inputs and assumptions;
- Detailed Report including:
  - Summary of the calculations used to set up and calibrate the water model;
  - Review existing water consumption and determine future needs;
  - Evaluation of water storage requirements;
  - Recommended options for improvement/upgrades. Specifically addressing the private line issue.
  - Construction cost estimate(s).

8. Cost Proposal

Item Numbers	Task Description	Price (Excluding HST)
7.1.1	Project Management	$1,925.00
7.1.2	Data Collection and Review (includes onsite visit)	$3,950.00
7.1.3	Review Existing Consumption & Determine Future Needs	$1,250.00
7.1.4	Evaluate Current and Establish Future Storage Requirements	$1,250.00
7.1.5	Create Hydraulic Model, Perform Analysis and Model Calibration	$10,500.00
7.1.6	Detailed Report	$3,550.00
	Total Estimated Fees (Excluding HST)	**$22,425.00**

9. Conflict of Interest Statement

If successful, EXP shall always work solely and exclusively in the interests of the Township of Assiginack until the project is successfully completed. At the current time, EXP does not have any potential conflict of interest that might compromise the performance of the work noted herein. Should such a conflict come to our attention, we will discuss it immediately with the Township of Assiginack.

Established 1793
Incorporated
Wolford 1850
Merrickville 1860
Amalgamated 1998

THE CORPORATION OF THE

Telephone (613) 269-4791
Facsimile (613) 269-3095

VILLAGE OF MERRICKVILLE-WOLFORD

February 5, 2020

The Honourable Doug Ford, Premier of Ontario
Premier's Office, Room 281
Legislative Building, Queen's Park
Toronto, ON, M7A 1A1

Dear Premier Ford:

Re: Provincially Significant Wetlands Designation

Please find attached the Council of the Corporation of the Village of Merrickville-Wolford's Resolution No. R-029-20, with respect to the Village's concerns surrounding the Ministry of Natural Resources and Forestry's practices and procedures while implementing designations of Provincially Significant Wetlands.

While the attached resolution is tailored to a Village-specific issue, it is Council's position that the concerns expressed therein are being experienced by municipalities Province-wide.

Thank you in advance for the consideration that you give this matter.

Yours truly,

Doug Robertson
CAO/Clerk/Director, Economic Development

c. Honourable John Yakabuski, Minister of Natural Resources and Forestry
Honourable Steve Clark, Minister of Municipal Affairs and Housing
Andy Brown, CAO of the United Counties of Leeds and Grenville
Association of Municipalities of Ontario
Rural Ontario Municipal Association
All Ontario municipalities

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THE CORPORATION OF THE

VILLAGE OF MERRICKVILLE-WOLFORD

For Clerk's use only, if required:
Recorded Vote Requested By:

Cameron	Y	N
Foster	Y	N
Halpenny	Y	N
Molloy	Y	N
Struthers	Y	N

Resolution Number: R - 029 - 20

Date: January 27, 2020

Moved by: Cameron Foster Halpenny Molloy

Seconded by: Cameron Foster Halpenny Molloy

WHEREAS the Village of Merrickville-Wolford is endeavouring to adopt a new Official Plan as required per Section 17 of the *Planning Act* and the Village is required to incorporate the Provincial Policy Statements of the Act;

AND WHEREAS the Provincial Policy Statements require the Village to provide in its Official Plan the updated provisions of new and expanded Provincially Significant Wetlands designations;

AND WHEREAS the Council of the Corporation of the Village of Merrickville-Wolford is concerned that the expansion of these wetlands is detrimentally affecting certain landowners and the Village's assessment base;

AND WHEREAS the Council of the Corporation of the Village of Merrickville-Wolford is concerned that designations of Provincially Significant Wetlands have occurred throughout the Province of Ontario without the provision of supporting evidence;

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AND WHEREAS the Council of the Corporation of the Village of Merrickville-Wolford is concerned about the expansion of the Provincially Significant Wetlands in the Northeast quadrant of the Village;

AND WHEREAS the Council of the Corporation of the Village of Merrickville-Wolford is concerned that these wetlands designations have been expanded without the Ministry of Natural Resources and Forestry having provided to the Village supporting evidence to justify said expansion;

NOW THEREFORE BE IT RESOLVED THAT the Council of the Corporation of the Village of Merrickville-Wolford does hereby respectfully request that the Ministry of Natural Resources and Forestry provide the Village with supporting evidence with respect to the expansion of these wetlands designations;

AND THAT the Ministry of Natural Resources and Forestry re-evaluate the subject properties without delay;

AND THAT a copy of this resolution be sent to the Honourable Premier Doug Ford, Minister of Natural Resources and Forestry, the Minister of Municipal Affairs and Housing, the United Counties of Leeds and Grenville, the Association of Municipalities of Ontario and the Rural Ontario Municipal Association and all Ontario municipalities.

~~Carried~~ / Defeated

J. Douglas Struthers, Mayor

317 Brock Street West, P.O. Box 340, Merrickville, Ontario K0G 1N0
www.merrickville-wolford.ca reception@merrickville-wolford.ca

RECEIVED
FEB 0 6 2020

Manitoulin
Fine Arts Association

January 15, 2020

Dear Sir or Madam,

I am writing on behalf of the Manitoulin Fine Arts Association to request your support for the 26th Annual Manitoulin Art Tour, July 17, 18 and 19, 2020.

The Manitoulin Art Tour showcases the wide variety of art available in our local area and gives the public an opportunity to explore Manitoulin. Local and off-island visitors spend a weekend soaking in the beauty of the island as they travel between studios, galleries, and shops.

Your financial support would assist us in advertising, signage, and promotional materials for the art tour. Sponsors would receive recognition and thanks on our print brochure and online on our website, www.manitoulinart.com , and our Facebook pages. Municipalities may also support us by offering free rental of a municipal facility for participating artists.

The Manitoulin Fine Arts Association is a provincially registered non-profit organization (#1566382) and a tax-deductible receipt will be provided for your contribution. Please find attached a sponsorship form for your convenience.

Thank you for supporting the arts on Manitoulin and thank you for your consideration.

Yours truly,

Mary Gryciuk

Manitoulin Art Tour 2020 – Volunteer Coordinator

fibersden@gmail.com

705-377-4206

Manitoulin Fine Arts Association

Manitoulin Art Tour 2020 - Sponsorship Form

Event Name - Manitoulin Art Tour 2020

Event Date - July 17, 18, 19, 2020

Event Location - Manitoulin Island (multiple locations)

Organization/Business/Town/Municipality

_____

Charitable Number (if applicable)

_____

Address _____

Contact email

_____

Contact phone number

_____

Donation amount (please select)

G $50 G $100 G $150 G $200 G $250 G Custom amount $ _____

Cheque # _____ payable to Manitoulin Fine Arts Association

Please mail cheque to :

Christie Pearson Anderson
Manitoulin Fine Arts Association
357 Campbell Road Evansville, ON
P0P 1E0

Manitoulin Secondary School

107 Bay Street, P.O. Box 307, M'Chigeeng, Ontario P0P 1G0 Tel: 705.368.7000 Fax: 705.368.7001

Jamie Mohamed, [illegible]
Principal

Denis Lafleur, [illegible]
Vice-Principal

Assiginack Township
P.O. Box 238
156 Arthur Street
Manitowaning, ON P0P 1N0

January 27, 2020.

Dear Mr. Ham, Assiginack Township:

Re: Manitoulin Metal - Robotics Team Sponsorship

Manitoulin Secondary School is excited to be building a Robotics Program and are seeking sponsors and mentors for our team, Manitoulin Metal. This ambitious team consists of young men and women representing grades 9-12 students from diverse backgrounds and communities. Our students represent towns from all across Manitoulin Island in both First Nations Communities and Townships. With your support, these dedicated, motivated, and talented young people will have the same opportunities to innovate and invent as their urban counterparts.

The FIRST Robotics program promotes science, technology, real-world engineering, programming, cooperation, and positive competition. As new members of this program, our goal is to build a sustainable FIRST Robotics program at MSS that exemplifies commitment, creativity, teamwork, and ingenuity. With a successful top-twenty ranking in our rookie years, our ongoing focus is sowing the seeds for recruitment, seeking community support, implementing environmental initiatives, and generating excitement for science and technology in local elementary schools. With your sponsorship, we will build a program that will open doors for Manitoulin Island students for many years to come.

Our annual operating costs include $9500 for events and $8500 for parts and materials.

Sponsorship Levels:

$1500+	Manitoulin Metal
$1000+	Platinum
$750+	Gold
$500+	Silver
$250+	Bronze
$100+	Antique Bronze
$100	Aluminum

All sponsors will be recognized through:

- Promotion on the Team 6865 website: http://bit.ly/mss-robotics
- Your business logo prominently displayed at all our events
- Sponsors announced at our events
- Featured in a variety of Press materials

If you have any questions, would like to hear our presentation, or would like to test drive our robot *"JED,"* please do not hesitate to contact us at 705-368-7000. We thank you for your consideration. Cheques can be made out to Manitoulin Secondary School, Robotics Team.

Sincerely,

Manitoulin Metal Robotics Team (FRC 6865)

TheCounty
PRINCE EDWARD COUNTY • ONTARIO

From the Office of the Clerk
The Corporation of the County of Prince Edward
332 Picton Main Street, Picton, ON K0K 2T0
T: 613.476.2148 x 1021 | F: 613.476.5727
clerks@pecounty.on.ca | www.thecounty.ca

February 10, 2020

Please be advised that during the regular meeting of Council on February 4, 2020 the following motion was carried;

RESOLUTION NO. 2020-058

DATE: February 4, 2020

MOVED BY: Councillor Prinzen

SECONDED BY: Councillor Bailey

Council's support for Bill 156, Security from Trespass and Protecting Food Safety Act (enforcement for safety on family farms)

WHEREAS the Township of Warwick, and many other municipalities have passed resolutions of support for Bill 156, Security from Trespass and Protecting Food Safety Act;

AND WHEREAS agriculture is the second largest industry in Ontario, contributing$13.7 billion annually to Ontario's GDP and is essential for putting food on the tables of millions of people here and around the world;

AND WHEREAS in recent months there has been a steady increase in harassment of farmers and livestock transporters by activists opposed to animal agriculture and the consumption of animals;

AND WHEREAS maintaining proper biosecurity is essential to ensure the health and well-being of the animals cared for on these agricultural operations;

AND WHEREAS the recent attacks on farmers homes and businesses have resulted in no criminal charges laid, leaving farmers feeling unprotected by the Ontario legal system and afraid for the welfare of themselves, their families, their employees and the animals they care for;

From the Office of the Clerk
The Corporation of the County of Prince Edward
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clerks@pecounty.on.ca | www.thecounty.ca

NOW THEREFORE BE IT RESOLVED

1. **THAT** the Council for the Corporation of The County of Prince Edward requests that Hon. Doug Downey work with MPP's and agricultural leaders to find a way forward to ensure stronger enforcement of existing laws - or new legislation - to ensure the safety of Ontario's farm families, employees and animals;

2. **AND THAT** this resolution be circulated to Hon. Doug Downey, Attorney General of Ontario; Hon. Doug Ford, Premier of Ontario; Hon. Sylvia Jones, Solicitor General and Hon. Ernie Hardeman, Minister of Agriculture, Food and Rural Affairs; AMO; and ROMA.

Mayor

SWM
SOUTHWEST MIDDLESEX

February 13, 2020

To:

The Honourable Doug Ford, Premier of Ontario,
The Honourable Ernie Hardeman, Minister of Agriculture, Food and Rural Affairs,
The Honourable Steve Clark, Minister of Municipal Affairs and Housing,
Andrea Horwath, Leader of the New Democratic Party of Ontario,
John Fraser, Interim Leader of the Liberal Party of Ontario,
Mike Schreiner, Leader of the Green Party of Ontario,
Monte McNaughton, MPP, Middlesex-Kent;
Association of Municipalities of Ontario; and
Ontario municipalities

RE: Southwest Middlesex Resolution regarding Government Bill 156

Please be advised that at its February 12, 2020 meeting, the Council of the Municipality of Southwest Middlesex passed the following resolution regarding Bill 156, *Security from Trespass and Protecting Food Safety Act, 2019*:

Moved by Councillor McGill
Seconded by Councillor Cowell

Whereas the Provincial Government of Ontario is considering Bill 156, *Security from Trespass and Protecting Food Safety Act, 2019*; and

Whereas Bill 156 is intended to protect farms, farm operations, and food safety and security by addressing unwanted trespassing; and

Whereas Ontario farmers are increasingly under threat of unwanted trespassers who are illegally entering property, barns and buildings, and safety of drivers of motor vehicles transporting farm animals which threatens the health and safety of the farm, employees, livestock and crops; and

Whereas additional protection for the agri-food industry to protect the security of the food chain, the farm owners, family and employees is the purpose of the *Security from Trespass and Protecting Food Safety Act, 2019*; and

Whereas unwanted trespassing occurs on all types of farm operations, including grain farmers, which has the potential to impact the safety and security of people and the food chain;

Now Therefore Be It Resolved That the Municipality of Southwest Middlesex supports the intent of Bill 156 and requests that the Province of Ontario expanding Bill 156 to identify and include protections against trespass for grain farm operations; and

That a copy of this Motion be sent to the Honourable Doug Ford, Premier of Ontario, The Honourable Ernie Hardeman, Minister of Agriculture, Food and Rural Affairs, the Honourable Steve Clark, Minister of Municipal Affairs and Housing, Andrea Horwath, Leader of the New Democratic Party of Ontario, John Fraser, Interim Leader of the Liberal Party of Ontario, Mike Schreiner, Leader of the Green Party of Ontario, and Monte McNaughton, MPP, Middlesex-Kent; and

That a copy of this motion be sent to the Association of Municipalities of Ontario (AMO), and Ontario municipalities.

Carried

The Lake Huron Centre for Coastal Conservation

Minister's Award for
Environmental Excellence
2012 Award Winner

RECEIVED
FEB 14 2020

February 13, 2020

RE: *'Is the Coast Clear?'* Lake Huron Conference

Dear Mayor, Council, and Chief Administrative Officer,

The Lake Huron Centre for Coastal Conservation (LHCCC) is a non-government charitable organization established in 1998 with the goals of protecting and restoring Lake Huron's coastal environment, and supporting a healthy coastal ecosystem through education, restoration, and research projects.

The LHCCC is committed to working with municipalities and First Nations across Lake Huron's shoreline to provide opportunities for municipal staff, council members, First Nations and Métis representatives to learn about emerging issues related to Lake Huron, to network, and discuss ways to work together to share resources and effectively approach Lake Huron coastal management.

The Lake Huron Centre for Coastal Conservation Board of Directors and staff are pleased to invite you to attend the 11th biennial *'Is the Coast Clear?'* Lake Huron conference being held May 12-13, 2020 at the Oakwood Resort in Grand Bend.

This unique event provides a forum for government officials, environmental professionals, and the public to learn about issues affecting Lake Huron's coastal environment, promoting greater community engagement. Experts from the Great Lakes region will speak about coastal research, along with local actions and solutions to environmental challenges. Some of the topics discussed will include Great Lakes water levels, climate change, erosion, water quality, micro-plastics, trade history, invasive species, and species at risk.

Information about the conference is available on our website at www.lakehuron.ca/conference. If you have any questions please contact us at 226-421-3029 or via email at coastalcentre@lakehuron.ca. We look forward to hosting you in Grand Bend in May!

Sincerely,

R. E. Lawrie

Erinn Lawrie
Executive Director, Lake Huron Centre for Coastal Conservation