

**North Bay-Mattawa Conservation Authority
Members Meeting for August 17, 2022
at 6:00pm or immediately after the NBMSPA Members meeting
IN PERSON
NBMCA Natural Classroom, 15 Janey Avenue, North Bay, Ontario
AGENDA**

Procedural Matters

1. Acknowledgement of Indigenous Traditional and Treaty Lands
2. Approval of the Agenda
3. Delegation(s)
4. Declaration of Pecuniary Interest
5. Adoption of Previous Minutes from June 22, 2022 & July 7, 2022

Presentations

6. 2022 Mid-Year Progress Presentation

Written Reports

7. Quarterly Financial Statements (**Appendix #1**)
8. Beaver Dams and Callander Flooding – Letter from Residents (**Appendix #2**)
9. Section 28 Permits Report & Interim Report on Timelines (**Appendix #3**)
10. Special Section 28 Permit Report (RCALL-22-10) (**Appendix #4**)
11. Miskwaadesi Project Bid Approval (**Appendix #5**)
12. Ski Hill Budget Request & Presentation (**Appendix #6**)

Other Business

13. Closed Session of Committee of the Whole
14. New Business
 - December 2022 Meeting date
15. Adjournment

**NORTH BAY-MATTAWA CONSERVATION AUTHORITY
MINUTES
of the**

EIGHTH meeting of the North Bay-Mattawa Conservation Authority held as an in person meeting at 6:00 p.m. on August 17, 2022.

MEMBERS PRESENT:

Callander, Municipality of	-	Irene Smit
Calvin, Township of	-	Sandy Cross
East Ferris, Municipality of	-	Rick Champagne
Mattawan, Municipality of	-	Michelle Lahaye
North Bay, City of	-	Dave Mendicino (Vice-Chair)
North Bay, City of	-	Chris Mayne
Papineau –Cameron, Township of	-	Shelley Belanger (Com. of the Whole Only)
Powassan, Municipality of	-	Dave Britton (Chair)

MEMBERS ABSENT:

Bonfield, Township of	-	Jane Lagassie
Chisholm, Township of	-	Nunzio Scarfone
Mattawa, Town of	-	Loren Mick
North Bay, City of	-	Ed Valenti

STAFF PRESENT:

Chitra Gowda, CAO, Secretary-Treasurer
David Ellingwood, Supervisor, Source Water Protection
Helen Cunningham, Manager, Finance and Human Resources
Kurtis Romanchuk, Water Resources Engineer
Paula Scott, Director, Planning & Development/Deputy CAO
Rebecca Morrow, Administrative Coordinator
Sue Buckle, Manager, Communications and Outreach
Troy Storms, Manager, Lands & Stewardship

1. Acknowledgement of Indigenous Traditional and Treaty Lands

The Acknowledgment for Indigenous and Treaty Lands was previously read at the NBMSPA meeting.

2. Approval of the Agenda

Regrets were received on behalf of Jane Lagassie, Nunzio Scarfone, Loren Mick and Ed Valenti.

After discussion the following resolution was presented:

Resolution No. 67-22, Champagne-Smit

THAT the agenda be approved as presented.

Carried Unanimously

3. Delegations

No delegations.

4. Declaration of Pecuniary Interest

None declared.

5. Adoption of Previous Minutes from June 22, 2022 & July 7, 2022

After discussion, the following resolution was presented:

Resolution No. 68-22, Cross-Smit

THAT the minutes from the meetings held on June 22, 2022 and July 7, 2022 are adopted as presented.

Carried Unanimously

6. 2022 Mid-Year Progress Presentation

Sue Buckle, Paula Scott, Troy Storms, Kurtis Romanchuk and Chitra Gowda presented to members a mid-year power point presentation on their program areas. The Chair thanked staff for their efforts in their program areas, and congratulated Chitra Gowda for her leadership and positive contributions to the NBMCA.

7. Quarterly Financial Statements

Chitra Gowda presented to the members the highlights of the written report. After discussion, the following resolution was presented:

Resolution No. 69-22, Lahaye-Smit

THAT the Income Statement, Balance Sheet and Budget Status Report at June 30, 2022 be approved and appended to the minutes of this meeting.

Carried Unanimously

8. Beaver Dams and Callander Flooding – Letter from Residents

Chitra Gowda presented to the members the highlights of the written report. After discussion, the members thanked Chitra for her report and presentation and the following resolution was presented:

Resolution No. 70-22, Champagne-Mendicino

THAT the Members receive and accept the Staff Report regarding the letter received from residents on beaver dam flooding; and

THAT the Members direct staff to develop an informational factsheet by November 2022 on beaver dams and the role of the NBMCA, to assist with concerns and frequently asked questions; and

THAT staff direct residents to their local municipalities, and;

AND THAT this report be appended to the minutes of this meeting.

Carried Unanimously

9. Section 28 Permits Report & Interim Report on Timelines

Valerie Murphy presented the highlights of her written report. After discussion the members thanked Valerie, and the following resolution was presented:

Resolution No. 71-22, Mayne-Smit

THAT the Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses Permits and North Bay-Mattawa Conservation Authority Annual Reporting on Timelines Interim Report January 1, 2022 to August 5, 2022 is received and appended to the minutes of this meeting.

Carried Unanimously

10. Special Section 28 Permit Report (RCALL-22-10)

Valerie Murphy presented the highlights of her written report. After discussion the members thanked Valerie, and the following resolution was presented:

Resolution No. 72-22, Mayne-Smit

THAT Permit #82-22, with its General and Specific Conditions outlined in the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Application (NBMCA File RCALL-22-10), Wilma & Ron Schweitzer, Lot 26, Con 25 Tillicum Bay Road Municipality of Callander, with associated development plans and supporting Memorandum – Summary of Findings completed by FRi Ecological Services be approved and appended to the minutes of this meeting, and;

THAT this report be appended to the minutes of this meeting.

Carried Unanimously

11. Miskwaadesi Project Bid Approval

Sue Buckle presented the highlights of her written report. After discussion the members thanked Sue, and the following resolution was presented:

Resolution No. 73-22, Lahaye-Champagne

THAT the Members receive and accept the Miskwaadesi Construction Bid Report, and;

FURTHER authorize staff to finalize an agreement with Canor Construction for the construction of Phase 1 of Miskwaadesi in accordance with this report and as discussed;

AND THAT this report be appended to the minutes of this meeting.

Carried Unanimously

12. Ski Hill Budget Request and Presentation

Chitra Gowda informed the members that the Members of Laurentian Ski Hill and Snowboarding Club had intended to present their report, but delays occurred in timing of their agenda item and they had to leave. Chitra apologized for the timing issue and presented the

highlights of the updated report. After discussion, the following resolution was presented:

Resolution No. 74-22, Mendicino-Mayne

THAT the Members receive and accept the Staff Report regarding the Laurentian Ski Club Snowboarding Club's updated request for \$200,000.00 plus HST from the non-levy capital reserve towards priority light post and lighting replacement work;

AND THAT this report be appended to the minutes of this meeting.

Carried Unanimously

13. Closed Session of Committee of the Whole

Shelley Belanger attended this part of the meeting via phone. After discussion, the following resolutions were presented:

Resolution No. 75-22, Lahaye-Smit

THAT the meeting move into a Closed Session of Committee of the Whole to discuss Personnel matters.

Carried Unanimously

Resolution No. 76-22, Mendicino-Champagne

THAT the meeting move out of a Closed Session of Committee of the Whole and back into an open meeting.

Carried Unanimously

Resolution No. 77-22, Cross-Lahaye

THAT the report regarding the proposed changes to the Personnel Manual be received and appended to the minutes of this meeting;

AND THAT the changes as discussed to the Personnel Manual be approved.

Carried Unanimously

14. New Business

The members discussed the December 2022 meeting date. After discussion the members

presented the following resolution:

Resolution No. 78-22, Mendicino-Mayne

THAT the December meeting date be changed from Wednesday December 21, 2022 to Wednesday December 14, 2022.

Carried Unanimously

15. Adjournment (8:35 p.m.)

As there was no further new business, the following resolution was presented:

Resolution No. 79-22, Champagne-Mendicino

THAT the meeting be adjourned, and the next meeting be held at 5:30 pm Wednesday September 28, 2022 in a format to be decided or at the call of the Chair.

Carried Unanimously



Dave Britton, Chair



Chitra Gowda,
Chief Administrative Officer, Secretary Treasurer

TO: The Chairman and Members
of the Board of Directors,
North Bay-Mattawa Conservation Authority

DATE: August 24, 2022

ORIGIN: Helen Cunningham,
Manager, Finance and Human Resources

SUBJECT: Financial Statements for the period January 1,2022 to June 30,
2022; Income Statement, Balance Sheet and Budget Status
Report.

Background: The Financial reporting format was changed to reflect the direction provided by and approved by the Board of Directors. The statements include a monthly Income Statement and Balance Sheet and a quarterly Budget Status Statement.

Analysis: Presented are the Income Statement and Balance Sheet for June 2022. Also included is the Quarterly Budget Status Report for the period ending June 30, 2022. The following are the observations made by staff with respect to how revenues vs. expenses are comparing to the approved budget as of June 30, 2022.

Income Statement

* **Core (Grant Eligible)**
The Ministry of Natural Resources and Forestry is maintaining operational funding this year in the amount of \$133,469.00 for the 2022-23 fiscal year. The Ministry of Natural Resources and Forestry transfer payment has not been received as of June 30, 2022.

The net position of these accounts is on target with the approved budget for this time of the year.

Amortizations of historically accumulated assets are expensed quarterly within the Administration Account (31-00). This quarter saw \$181,212.98 of expense that is not part of the annual budget because these expenses were funded prior to 2009.

Core

Septics OBC - The net position of this account is on target with the approved budget. Revenues are down and expenses are up slightly in comparison to last year. No staff concerns at this time, but a careful watch is warranted.

Section 28 Regulations – The net position of this account is on target with the approved budget. Revenues are down and expenses are up slightly in comparison to last year. No staff concerns at this time.

Interpretive Centre – The net position of this account is on target with the approved budget. No staff concerns at this time.

Lands & Properties – The net position of this account is in a surplus position at this time. No staff concerns at this time.

Outreach –The net position of this account is on target with the approved budget. No staff concerns at this time.

Source Protection Planning - June 2022 actuals are on target with the approved budget for this time of the year. No staff concerns at this time.

*

Capital Projects

The June 2022 actuals are on target with the approved budget for this time of the year. No staff concerns at this time, but a careful watch is warranted due to the large expenses for repairs to the tower platform.

*

Studies and Special Projects

A budget was created for the Laurentian Ski Hill Snowboarding Club's Capital `Ask`, as well as Laurentian Ski Hill Snowboarding Club's Operating Reserve Funds to track expenses paid versus the total revenue received from participating member Municipalities.

DIA Technical Services and Integrated Watershed Management programs' actuals are on target with the approved budget for this time of the year.

Balance Sheet

Financial Assets

June 2022 assets are slightly higher compared to June 2021.

Liabilities

June 2022 liabilities are relatively close to June 2021.

Recommendation: The Financial statements that have been issued are consistent with Resolution No. 18-03. Therefore, it is recommended that the Conservation Authority Board of Directors approve these statements (see attached).

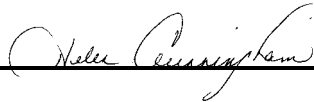
RECOMMENDED RESOLUTIONS:

THAT the Income Statement, Balance Sheet and Budget Status Report at June 30, 2022 be approved and appended to the minutes of this meeting.



Chitra Gowda

CAO, Secretary Treasurer



Helen Cunningham

Manager, Finance and Human Resources

Draft

BALANCE SHEET at JUNE 30, 2022

Unaudited Financial Statements

	June 30, 2022	May 31, 2022
<u>FINANCIAL ASSETS</u>		
Cash	1,159,898.36	1,312,043.91
Accounts Receivable	1,663,261.96	1,643,281.45
HST Receivable	20,028.76	26,892.25
Total Financial Assets	<u>2,843,189.08</u>	<u>2,982,217.61</u>
<u>LIABILITIES</u>		
Accounts Payable	31,161.93	23,095.18
HST	0.00	6,046.68
Payroll Liabilities Payable	245,500.25	245,500.25
Accrued Liabilities & Miscellaneous	15,000.00	15,000.00
	291,662.18	289,642.11
<u>Deferred Revenue</u>		
Lands & Properties Capital	46,576.73	46,576.73
Section 28 Technical	91,441.92	91,441.92
NBMCA Watershed Plan	266,861.95	266,861.95
Outreach	3,040.00	3,040.00
Ice Management	7,892.11	7,892.11
	415,812.71	415,812.71
Bank Loan	562,331.70	564,171.72
City of North Bay Loan - LSHSC	0.00	0.00
Total Liabilities	<u>562,331.70</u>	<u>564,171.72</u>
	1,269,806.59	1,269,626.54
<u>Non-Financial Assets</u>		
Tangible Capital Assets (note 2)	13,388,351.66	13,473,548.42
Pre-Paid Expenses	18,174.12	18,174.12
	13,406,525.78	13,491,722.54
Accumulated Surplus (note 1)	<u>14,979,908.27</u>	<u>15,204,313.61</u>

NOTES TO FINANCIAL STATEMENTS

1. Accumulated surplus

Surplus (Deficit)	1,175,786.11
Septic Building permit reserve	629,461.16
LSHSC Capital Reserve	298,043.00
LSHSC Operating Reserve	84,592.00
LSHSC Land Acquisition Reserve	108,604.00
Tangible Capital Assets	13,511,976.00
Amounts to be recovered from future revenues	-828,554.00
Balance, end of February 2019	<u>14,979,908.27</u>

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Notes to Financial Statements

June 30, 2022

2. Tangible Capital Assets

	Land	Buildings	Infrastructure	Vehicle	Machinery & Equipment	Equipment, Office Furniture & Computers	Total
Cost, beginning of year	\$7,172,444.00	\$3,709,685.00	\$9,183,027.00	\$296,392.00	\$88,408.00	\$604,919.00	\$21,054,875.00
Additions			25,831.00	32,939.00		17,656.00	
Disposals				-29,467.00			
Cost, end of period	<u>7,172,444.00</u>	<u>3,709,685.00</u>	<u>9,208,858.00</u>	<u>299,864.00</u>	<u>88,408.00</u>	<u>622,575.00</u>	<u>21,101,834.00</u>
Accumulated amortization, beginning of year		1,354,914.00	5,466,035.00	165,936.00	77,974.00	478,040.00	7,542,899.00
Amortization		39,722.00	133,597.00	14,701.00	2,023.00	10,008.00	
Disposals				-29,467.00			
Accumulated amortization, end of period		<u>1,394,636.00</u>	<u>5,599,632.00</u>	<u>151,170.00</u>	<u>79,997.00</u>	<u>488,048.00</u>	<u>7,713,483.00</u>
Net carrying amount, end of period	<u>7,172,444.00</u>	<u>2,315,049.00</u>	<u>3,609,226.00</u>	<u>148,694.00</u>	<u>8,411.00</u>	<u>134,527.00</u>	<u>13,388,351.00</u>

NOTE: These are unaudited Financial Statements

NORTH BAY-MATTAWA CONSERVATION AUTHORITY

Profit & Loss Budget vs. Actual

SUMMARY

January through June 2022

DRAFT

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Income					
3100 · Administration	295,568.00	215,604.70	-79,963.30	72.95%	
3500 · Watershed Planning	123,500.00	76,382.00	-47,118.00	61.85%	
3600 · Flood Control	143,735.00	99,490.00	-44,245.00	69.22%	
3700 · Erosion Control	59,380.00	42,230.00	-17,150.00	71.12%	
3800 · Flood Forecasting	100,951.00	70,256.00	-30,695.00	69.59%	
3900 · Ice Management	11,078.00	8,388.00	-2,690.00	75.72%	
8300 · Capital-Source Water Protection	196,685.00	232,116.93	35,431.93	118.02%	
3200 · Septics	1,063,896.00	500,368.42	-563,527.58	47.03%	
3400 · Section 28 Regulations	56,804.00	28,772.50	-28,031.50	50.65%	
4200 · Water Quality	9,851.00	9,851.00	0.00	100.0%	
5700 · Outreach	176,749.00	74,119.00	-102,630.00	41.94%	
5600 · Interpretive Centre	198,050.00	114,477.79	-83,572.21	57.8%	
7000 · Lands & Properties	112,945.00	101,646.20	-11,298.80	90.0%	
8600 · Capital-Lands & Properties	522,750.00	522,750.00	0.00	100.0%	
9700 · Capital-Central Services	86,860.00	86,860.60	0.60	100.0%	
9800 · Capital-DIA Technical Project	298,189.00	200,689.00	-97,500.00	67.3%	
9900 · Capital-NBMCA Integrated Watershd Strategy	369,430.00	369,430.00	0.00	100.0%	
109-00 · Capital-WECI Project 2018/2019	708,002.00	768,780.06	60,778.06	108.58%	
112-00 · LSHSC Capital `ASK`	65,000.00	65,000.00	0.00	100.0%	
114-00 · LSHSC OPERATING RESERVE	60,000.00	60,000.00	0.00	100.0%	
Total Income	4,659,423.00	3,647,212.20	-1,012,210.80	78.3%	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY

Profit & Loss Budget vs. Actual

SUMMARY

January through June 2022

DRAFT

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Expense					
3100 · Administration	295,568.00	175,424.21	-120,143.79	59.35%	
3500 · Watershed Planning	123,500.00	54,802.35	-68,697.65	44.37%	
3600 · Flood Control	143,735.00	85,595.49	-58,139.51	59.55%	
3700 · Erosion Control	59,380.00	39,231.84	-20,148.16	66.07%	
3800 · Flood Forecasting	100,951.00	47,073.24	-53,877.76	46.63%	
3900 · Ice Management	11,078.00	6,828.01	-4,249.99	61.64%	
8300 · Capital-Source Water Protection	196,685.00	95,748.38	-100,936.62	48.68%	
3200 · Septics	1,063,896.00	498,163.96	-565,732.04	46.82%	
3400 · Section 28 Regulations	56,804.00	26,352.93	-30,451.07	46.39%	
4200 · Water Quality	9,851.00	5,523.64	-4,327.36	56.07%	
5700 · Outreach	176,749.00	29,039.19	-147,709.81	16.43%	
5600 · Interpretive Centre	198,050.00	113,771.29	-84,278.71	57.45%	
7000 · Lands & Properties	112,945.00	72,499.71	-40,445.29	64.19%	
8600 · Capital-Lands & Properties	522,750.00	103,073.16	-419,676.84	19.72%	
9700 · Capital-Central Services	86,860.00	18,908.79	-67,951.21	21.77%	
9800 · Capital-DIA Technical Project	298,189.00	44,932.51	-253,256.49	15.07%	
9900 · Capital-NBMCA Integrated Watershed	369,430.00	157,900.37	-211,529.63	42.74%	
109-00 · Capital-WECI Project 2015/2016	708,002.00	30,212.75	-677,789.25	4.27%	
112-00 · LSHSC Capital 'ASK'	65,000.00	0.00	-65,000.00	0.0%	
114-00 · LSHSC OPERATING RESERVE	60,000.00	0.00	-60,000.00	0.0%	
Total Expense	4,659,423.00	1,605,081.82	-3,054,341.18	34.45%	
Net		2,042,130.38			

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Administration
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3101 · A-Transfer Pay'ts MNR	16,020.00	0.00	-16,020.00	0.0%	
3104 · A-General Levy	108,923.00	77,096.00	-31,827.00	70.78%	
3113 · A-Other Revenue	165,425.00	134,272.23	-31,152.77	81.17%	
3114 · A-Interest Earned	5,200.00	4,236.47	-963.53	81.47%	
Total Income	<u>295,568.00</u>	<u>215,604.70</u>	<u>-79,963.30</u>	<u>72.95%</u>	
Expense					
3130 · A-Wages Salaried	88,300.00	55,289.50	-33,010.50	62.62%	
3136 · A-Salaried Benefits	24,724.00	13,470.48	-11,253.52	54.48%	
3138 · A-Per Diem	2,600.00	940.00	-1,660.00	36.15%	
3139 · A-Members Mileage	2,500.00	1,372.08	-1,127.92	54.88%	
3140 · A-Members Expenses	500.00	1,309.36	809.36	261.87%	
3141 · A-Staff Mileage & Expenses	3,000.00	4,709.43	1,709.43	156.98%	
3142 · A-Staff Certification & Training	500.00	988.78	488.78	197.76%	
3143 · A-Telephone	5,740.00	4,184.70	-1,555.30	72.9%	
3145 · A-Insurance	8,100.00	9,008.17	908.17	111.21%	
3148 · A-Office Supplies	6,846.00	4,420.14	-2,425.86	64.57%	
3149 · A-Postage	555.00	352.55	-202.45	63.52%	
3150 · A-Equipment Purchase	250.00	0.00	-250.00	0.0%	
3151 · A-Equipment Rental	1,232.00	2,002.91	770.91	162.57%	
3152 · A-Publications & Printing	1,500.00	762.18	-737.82	50.81%	
3158 · A-Audit	10,397.00	4,573.09	-5,823.91	43.99%	
3160 · A-Materials & Supplies	500.00	143.35	-10,253.65	28.67%	
3161 · A-Conservation Ont Levy	22,250.00	22,456.00	21,956.00	100.93%	
3162 · A-Services	23,621.00	4,749.23	-18,871.77	20.11%	
3170 · A-Rent	85,824.00	42,912.00	-42,912.00	50.0%	
3173 · A-Vehicle Gas	336.00	159.06	-176.94	47.34%	
3174 · A-Accounting Services	1,680.00	763.20	-916.80	45.43%	
3178 · A-Internal Lease	4,613.00	857.87	-3,755.13	18.6%	
3180 · A-Staff Computer Purchases		0.13			
Total Expense	<u>295,568.00</u>	<u>175,424.21</u>	<u>-120,143.79</u>	<u>59.35%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>40,180.49</u></u>	<u><u>40,180.49</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Watershed Planning
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3501 · WP-MNR Transfer Payment	22,690.00	0.00	-22,690.00	0.0%	
3504 · WP-General Levy	55,095.00	55,095.00	0.00	100.0%	
3506 · WP-Fees	45,715.00	21,287.00	-24,428.00	46.57%	
Total Income	<u>123,500.00</u>	<u>76,382.00</u>	<u>-47,118.00</u>	<u>61.85%</u>	
Expense					
3530 · WP-Wages Salary	86,112.00	42,606.24	-43,505.76	49.48%	
3536 · WP-Salaried Benefits	24,112.00	11,620.09	-23,846.19	48.19%	
3541 · WP-Staff Mileage & Expenses	1,225.00	265.81	-959.19	21.7%	
3542 · WP-Staff Certification & Train	1,500.00	0.00	-1,500.00	0.0%	
3560 · WP-Materials & Supplies	1,500.00	0.00	-1,500.00	0.0%	
3562 · WP-Services	8,524.00	46.59	-8,477.41	0.55%	
3578 · WP-Internal Lease	527.00	263.62	-263.38	50.02%	
Total Expense	<u>123,500.00</u>	<u>54,802.35</u>	<u>-68,697.65</u>	<u>44.37%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>21,579.65</u></u>	<u><u>21,579.65</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Operation Maintenance of Flood Control Structures
 January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3601 · FC-MNR Transfer Payment	44,245.00	0.00	-44,245.00	0.0%	
3604 · FC-General Levy	99,490.00	99,490.00	0.00	100.0%	
Total Income	<u>143,735.00</u>	<u>99,490.00</u>	<u>-44,245.00</u>	<u>69.22%</u>	
Expense					
3630 · FC-Wages Salary	74,055.00	36,254.68	-37,800.32	48.96%	
3632 · FC-Seasonal Wages	12,994.00	6,306.30	-6,687.70	48.53%	
3636 · FC-Salaried Benefits	22,814.00	11,529.89	-11,284.11	50.54%	
3644 · FC-Taxes	12,788.00	11,344.97	-1,443.03	88.72%	
3645 · FC-Insurance	16,200.00	18,016.36	1,816.36	111.21%	
3647 · FC-Repairs & Maintenance	400.00	158.35	-241.65	39.59%	
3660 · FC-Material & Supplies	142.00	0.00	-142.00	0.0%	
3662 · FC-Services	300.00	0.00	-300.00	0.0%	
3672 · FC-Hydro	500.00	261.51	-238.49	52.3%	
3673 · FC-Vehicle Gas	1,750.00	827.15	-922.85	47.27%	
3678 · FC-Internal Lease	1,792.00	896.28	-895.72	50.02%	
Total Expense	<u>143,735.00</u>	<u>85,595.49</u>	<u>-58,139.51</u>	<u>59.55%</u>	
Net Income	<u>0.00</u>	<u>13,894.51</u>	<u>13,894.51</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Erosion Control Maintenance
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3701 · EC-MNR Transfer payment	17,150.00	0.00	-17,150.00	0.0%	
3704 · EC-General Levy	42,230.00	42,230.00	0.00	100.0%	
Total Income	<u>59,380.00</u>	<u>42,230.00</u>	<u>-17,150.00</u>	<u>71.12%</u>	
Expense					
3730 · EC-Wages Salary	21,267.00	10,411.89	-10,855.11	48.96%	
3732 · EC-Seasonal Wages	7,088.00	3,439.80	-3,648.20	48.53%	
3736 · EC-Salaried Benefits	7,089.00	3,777.32	-3,311.68	53.28%	
3744 · EC-Taxes	7,307.00	6,482.84	-824.16	88.72%	
3745 · EC-Insurance	12,150.00	13,512.28	1,362.28	111.21%	
3760 · EC-Materials and Supplies	1,823.00	111.80	-1,711.20	6.13%	
3772 · EC-Hydro	761.00	576.90	-184.10	75.81%	
3773 · EC-Vehicle Gas	630.00	286.33	-343.67	45.45%	
3778 · EC-Internal Lease	1,265.00	632.68	-632.32	50.01%	
Total Expense	<u>59,380.00</u>	<u>39,231.84</u>	<u>-20,148.16</u>	<u>66.07%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>2,998.16</u></u>	<u><u>2,998.16</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Flood Forecasting
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3801 · FF-MNR Transfer Payment	30,695.00	0.00	-30,695.00	0.0%	
3804 · FF-General Levy	70,256.00	70,256.00	0.00	100.0%	
Total Income	<u>100,951.00</u>	<u>70,256.00</u>	<u>-30,695.00</u>	<u>69.59%</u>	
Expense					
3830 · FF-Wages Salary	62,221.00	30,627.14	-31,593.86	49.22%	
3836 · FF-Benefits	17,422.00	8,389.30	-9,032.70	48.15%	
3841 · FF-Staff Mileage & Expenses	1,500.00	0.00	-1,500.00	0.0%	
3842 · FF-Staff Certification & Traini	2,400.00	0.00	-2,400.00	0.0%	
3843 · FF-Telephone	6,314.00	4,416.66	-1,897.34	69.95%	
3847 · FF-Repairs & Maintenance	750.00	46.59	-703.41	6.21%	
3860 · FF-Materials & Supplies	930.00	0.00	-930.00	0.0%	
3862 · FF-Services	4,000.00	2,446.22	-1,553.78	61.16%	
3873 · FF-Vehicle Gas	560.00	254.51	-305.49	45.45%	
3878 · FF-Internal Lease	4,854.00	892.82	332.82	18.39%	
Total Expense	<u>100,951.00</u>	<u>47,073.24</u>	<u>42,219.24</u>	<u>46.63%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>23,182.76</u></u>	<u><u>23,182.76</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Ice Management
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3901 · IM-MNR Transfer Payment	2,690.00	0.00	-2,690.00	0.0%	
3904 · IM-General Levy	6,349.00	6,349.00	0.00	100.0%	
3913 · IM-Other Revenue	2,039.00	2,039.00	0.00	100.0%	
Total Income	<u>11,078.00</u>	<u>8,388.00</u>	<u>-2,690.00</u>	<u>75.72%</u>	
Expense					
3930 · IM-Wages Salary	3,950.00	2,528.00	-1,422.00	64.0%	
3936 · IM-Salaried Benefits	1,106.00	709.92	-396.08	64.19%	
3960 · IM-Materials & Supplies	537.00	0.00	-537.00	0.0%	
3962 · IM-Services	5,485.00	3,590.09	-1,894.91	65.45%	
Total Expense	<u>11,078.00</u>	<u>6,828.01</u>	<u>-4,249.99</u>	<u>61.64%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>1,559.99</u></u>	<u><u>1,559.99</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Source Protection Planning
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
8301 · C-SWP OperatTransfer Pay'ts MNR	196,685.00	232,116.93	35,431.93	118.0%	
Total Income	<u>196,685.00</u>	<u>232,116.93</u>	<u>35,431.93</u>	<u>118.0%</u>	
Expense					
8330 · C-SWP Operat-Wages Salary	122,617.00	60,617.36	-61,999.64	49.4%	
8336 · C-SWP-Salaried Benefits	34,333.00	16,537.80	-17,795.20	48.2%	
8338 · C-SWP-Per Diem	4,163.00	1,280.00	-2,883.00	30.7%	
8339 · C-SWP-Members Mileage	600.00	0.00	-600.00	0.0%	
8340 · C-SWP-Member Expenses	200.00	0.00	-200.00	0.0%	
8341 · C-SWP-Staff Mileage & Expenses	1,940.00	0.00	-1,940.00	0.0%	
8343 · C-SWP-Telephone	1,722.00	1,346.70	-375.30	78.2%	
8345 · SWP-Insurance	2,550.00	3,152.86	602.86	123.6%	
8348 · C-SWP-Office Supplies	702.00	428.33	-273.67	61.0%	
8349 · C-SWP-Postage	164.00	104.07	-59.93	63.5%	
8351 · C-SWP-Equipment Rental	395.00	346.20	-48.80	87.6%	
8353 · C-SWP-Advertising & Communicat	300.00	0.00	-300.00	0.0%	
8358 · SWP-Audit	743.00	326.65	-416.35	44.0%	
8360 · C-SWP-Materials & Supplies	400.00	175.86	-224.14	44.0%	
8362 · C-SWP-Services	620.00	0.00	-620.00	0.0%	
8367 · C-SWP Operat-Admin Overhead	6,200.00	3,100.00	-3,100.00	50.0%	
8370 · C-SWP-Rent	14,378.00	7,152.00	-7,226.00	49.7%	
8373 · SWP-Vehicle Gas	280.00	127.26	-152.74	45.5%	
8378 · C-SWP-Internal Lease	4,378.00	1,053.29	-3,324.71	24.1%	
Total Expense	<u>196,685.00</u>	<u>95,748.38</u>	<u>-100,936.62</u>	<u>48.7%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>136,368.55</u></u>	<u><u>136,368.55</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Septic OBC
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3203 · S-OBC-Grants from Other	9,850.00	9,000.00	-850.00	91.37%	
3206 · S-OBC-Fees	1,054,046.00	479,766.14	-574,279.86	45.52%	
3225 · S-OBC-Gain on Disposal of Assets		11,602.28			
Total Income	<u>1,063,896.00</u>	<u>500,368.42</u>	<u>-563,527.58</u>	<u>47.03%</u>	
Expense					
3230 · S-OBC--Wages Salary	476,615.00	220,267.33	-256,347.67	46.22%	
3231 · S-OBC-Wages Contract	188,584.00	84,441.88	-104,142.12	44.78%	
3232 · S-OBC-Wages Seasonal	8,400.00	0.00	-8,400.00	0.0%	
3236 · S-OBC-Salaried Benefits	168,491.00	86,719.20	-81,771.80	51.47%	
3241 · S-OBC-Staff Mileage & Expenses	2,500.00	768.62	-1,731.38	30.75%	
3242 · S-OBC-Staff Certific & Trainin	7,500.00	3,669.07	-3,830.93	48.92%	
3243 · S-OBC-Telephone	14,848.00	6,790.59	-8,057.41	45.73%	
3245 · S-OBC-Insurance	16,200.00	18,016.37	1,816.37	111.21%	
3247 · S-OBC-Repairs & Maintenance	9,375.00	2,837.53	-6,537.47	30.27%	
3248 · S-OBC-Office Supplies	5,571.00	4,160.42	-1,410.58	74.68%	
3249 · S-OBC-Postage	1,233.00	794.81	-438.19	64.46%	
3250 · S-OBC-Equipment Purchases	4,800.00	0.00	-4,800.00	0.0%	
3251 · S-OBC-Equipment Rental	5,066.00	1,534.46	-3,531.54	30.29%	
3252 · S-OBC-Publications & Printing	300.00	0.00	-300.00	0.0%	
3254 · S-OBC-Bank Charges	3,000.00	1,225.60	-1,774.40	40.85%	
3256 · S-OBC-Credit Card Charges	26,500.00	11,554.98	-14,945.02	43.6%	
3258 · S-OBC-Audit	3,713.00	1,633.25	-2,079.75	43.99%	
3259 · S-OBC-Legal Services	1,400.00	0.00	-1,400.00	0.0%	
3260 · S-OBC-Materials and Supplies	2,520.00	2,080.02	-439.98	82.54%	
3262 · S-OBC-Services	8,500.00	4,490.99	-4,009.01	52.84%	
3270 · S-OBC-Rental Expense	63,612.00	31,906.76	-31,705.24	50.16%	
3273 · S-OBC-Vehicle Gas	16,800.00	5,144.09	-11,655.91	30.62%	
3278 · OBC- Internal Lease	28,368.00	10,127.99	-18,240.01	35.7%	
Total Expense	<u>1,063,896.00</u>	<u>498,163.96</u>	<u>-565,732.04</u>	<u>46.82%</u>	
Net Income	<u>0.00</u>	<u>2,204.46</u>	<u>2,204.46</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
SECTION 28
REGULATIONS
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
3406 · RF-Fees	56,804.00	28,772.50	-28,031.50	50.65%	
Total Income	<u>56,804.00</u>	<u>28,772.50</u>	<u>-28,031.50</u>	<u>50.65%</u>	
Expense					
3430 · RF-Wages Salary	39,051.00	19,346.50	-19,704.50	49.54%	
3436 · RF-Salaried Benefits	10,934.00	5,273.72	-5,660.28	48.23%	
3442 · RF-Staff Certificat & Training	500.00	0.00	-500.00	0.0%	
3449 · RF-Postage	103.00	65.02	-37.98	63.13%	
3460 · RF-Materials and Supplies	150.00	85.51	-64.49	57.01%	
3462 · RF-Services	600.00	139.75	-460.25	23.29%	
3473 · RF-Vehicle Gas	280.00	127.26	-152.74	45.45%	
3478 · RF- Internal Lease	5,186.00	1,315.17	-3,870.83	25.36%	
Total Expense	<u>56,804.00</u>	<u>26,352.93</u>	<u>-30,451.07</u>	<u>46.39%</u>	
Net Income	<u>0.00</u>	<u>2,419.57</u>	<u>2,419.57</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Water Quality Monitoring
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
4203 · WQ-Grants from Other	5,000.00	5,000.00	0.00	100.0%	
4204 · WQ-General Levy	4,851.00	4,851.00	0.00	100.0%	
Total Income	<u>9,851.00</u>	<u>9,851.00</u>	<u>0.00</u>	<u>100.0%</u>	
Expense					
4230 · WQ-Wages Salary	3,147.00	1,571.85	-1,575.15	49.95%	
4232 · WQ-Wages Seasonal	2,184.00	1,211.40	-972.60	55.47%	
4236 · WQ-Benefits	1,104.00	827.04	-276.96	74.91%	
4260 · WQ-Materials & Supplies	1,502.00	971.56	-530.44	64.68%	
4262 · WQ-Services	584.00	564.23	-19.77	96.62%	
4273 · WQ-Vehicle Gas	1,330.00	377.56	-952.44	28.39%	
Total Expense	<u>9,851.00</u>	<u>5,523.64</u>	<u>-4,327.36</u>	<u>56.07%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>4,327.36</u></u>	<u><u>4,327.36</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Interpretive Centre
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
5609 · IC-Property Rental Internal	143,040.00	71,520.00	-71,520.00	50.0%	
5610 · IC-Property Rental External	48,785.00	41,474.28	-7,310.72	85.01%	
5613 · IC-Other Revenue	6,225.00	1,483.51	-4,741.49	23.83%	
Total Income	<u>198,050.00</u>	<u>114,477.79</u>	<u>-83,572.21</u>	<u>57.8%</u>	
Expense					
5630 · IC-Wages & Salaries	73,138.00	36,071.84	-37,066.16	49.32%	
5636 · IC-Benefits	20,478.00	9,929.86	-10,548.14	48.49%	
5645 · IC-Insurance	13,365.00	14,863.50	1,498.50	111.21%	
5646 · IC-Natural Gas	10,800.00	12,419.57	1,619.57	115.0%	
5647 · IC-Repairs & Maintenance	6,000.00	478.07	-5,521.93	7.97%	
5655 · IC-Interest Expense	14,300.00	7,343.50	-6,956.50	51.35%	
5660 · IC-Materials & Supplies	3,500.00	2,858.52	-641.48	81.67%	
5662 · IC-Services	37,980.00	19,493.38	-18,486.62	51.33%	
5671 · IC-Water	3,500.00	1,702.01	-1,797.99	48.63%	
5672 · IC-Hydro	14,989.00	8,611.04	-6,377.96	57.45%	
Total Expense	<u>198,050.00</u>	<u>113,771.29</u>	<u>-84,278.71</u>	<u>57.45%</u>	
Net Income	<u>0.00</u>	<u>706.50</u>	<u>706.50</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Outreach
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
5703 · OUTREACH-Grants from Others	150,585.00	53,050.00	-97,535.00	35.23%	
5704 · OUTREACH-General Levy	13,014.00	13,014.00	0.00	100.0%	
5706 · OUTREACH-Fees	5,150.00	2,635.00	-2,515.00	51.17%	
5707 · OUTREACH-Donations		1,370.00			
5713 · OUTREACH-Other Revenue	8,000.00	4,050.00	-3,950.00	50.63%	
Total Income	<u>176,749.00</u>	<u>74,119.00</u>	<u>-102,630.00</u>	<u>41.94%</u>	
Expense					
5730 · OUTREACH-Wages Salary	18,839.00	7,989.46	-10,849.54	42.41%	
5731 · OUTREACH-Wages Contract		4,324.32			
5736 · OUTREACH-Salaried Benefits	5,275.00	3,371.00	-1,904.00	63.91%	
5741 · OUTREACH-Staff Mileage & Expenses	1,000.00	131.56	-868.44	13.16%	
5753 · OUTREACH-Advertising	1,850.00	801.46	-1,048.54	43.32%	
5760 · OUTREACH-Materials & Supplies	8,842.00	1,081.52	-7,760.48	12.23%	
5762 · OUTREACH-Services	1,000.00	175.00	-825.00	17.5%	
5764 · OUTREACH-Vehicle Lease	300.00	0.00	-300.00	0.0%	
5766 · OUTREACH-Consulting Services	139,643.00	11,164.87	-128,478.13	8.0%	
Total Expense	<u>176,749.00</u>	<u>29,039.19</u>	<u>-147,709.81</u>	<u>16.43%</u>	
Net Income	<u>0.00</u>	<u>45,079.81</u>	<u>45,079.81</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
L & P Operations
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
7003 · LP-Grants from Others		3,267.00			
7004 · LP-General Levy	76,245.00	76,245.00	0.00	100.0%	
7007 · LP-Donations	2,000.00	2,125.70	125.70	106.29%	
7010 · LP-Property Rent Revenue Extern	21,400.00	11,803.21	-9,596.79	55.16%	
7020 · LP-Shared Costs Ski Hill	13,300.00	8,205.29	-5,094.71	61.69%	
Total Income	<u>112,945.00</u>	<u>101,646.20</u>	<u>-11,298.80</u>	<u>90.0%</u>	
Expense					
7030 · LP-Wages Salary	39,103.00	22,333.34	-16,769.66	57.11%	
7032 · LP-Seasonal Wages	3,544.00	1,719.90	-1,824.10	48.53%	
7036 · LP-Salaried Benefits	11,516.00	6,871.42	-4,644.58	59.67%	
7044 · LP-Taxes	16,441.00	14,586.32	-1,854.68	88.72%	
7045 · LP-Insurance	12,150.00	13,512.22	1,362.22	111.21%	
7047 · LP-Repairs & Maintenance	1,818.00	145.11	-1,672.89	7.98%	
7050 · LP-Shared Costs with Ski Hill	8,500.00	5,094.16	-3,405.84	59.93%	
7052 · LP-Publishing & Printing	2,000.00	0.00	-2,000.00	0.0%	
7060 · LP-Materials & Supplies	5,500.00	1,428.77	-4,071.23	25.98%	
7062 · LP-Services	8,450.00	4,724.58	-3,725.42	55.91%	
7073 · LP-Vehicle Gas	2,342.00	1,293.05	-1,048.95	55.21%	
7078 · LP-TCA Internal Lease	1,581.00	790.84	-790.16	50.02%	
Total Expense	<u>112,945.00</u>	<u>72,499.71</u>	<u>-40,445.29</u>	<u>64.19%</u>	
Net Income	<u>0.00</u>	<u>29,146.49</u>	<u>29,146.49</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual for
Lands and Properties Capital
CA's Trails
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
8604 - L&P Capital-General Levy	127,750.00	127,750.00	0.00	100.0%	
8605 - L&P Capital-Special Levy	145,000.00	145,000.00	0.00	100.0%	
8613 - C-L&P-Other Revenue	250,000.00	250,000.00	0.00	100.0%	
Total Income	<u>522,750.00</u>	<u>522,750.00</u>	<u>0.00</u>	<u>100.0%</u>	
Expense					
8630 - C-L&P-Wages Salary	81,966.00	38,849.75	-43,116.25	47.4%	
8636 - C-L&P-Salaried Benefits	22,950.00	10,842.47	-12,107.53	47.24%	
8640 - C-L&P-Equipment Purchase	5,000.00	0.00	-5,000.00	0.0%	
8641 - C-L&P-Staff mileage & Expenses	1,000.00	857.03	-142.97	85.7%	
8660 - C-L&P-Materials & Supplies	112,300.00	15,061.34	-97,238.66	13.41%	
8662 - C-L&P-Services	230,595.00	12,006.08	-218,588.92	5.21%	
8666 - C-L&P-Consulting Services	3,950.00	0.00	-3,950.00	0.0%	
8667 - C-L&P-Admin Overhead	49,095.00	24,547.50	-24,547.50	50.0%	
8673 - C-L&P-Vehicle Gas	840.00	381.77	-458.23	45.45%	
8678 - C-L&P-Internal Lease	1,054.00	527.22	-526.78	50.02%	
8680 - C-L&P-Other Reserve	10,000.00	0.00	-10,000.00	0.0%	
8681 - C-L&P-Other Planned Surplus	4,000.00	0.00	-4,000.00	0.0%	
Total Expense	<u>522,750.00</u>	<u>103,073.16</u>	<u>-419,676.84</u>	<u>19.72%</u>	
Net Income	<u><u>0.00</u></u>	<u><u>419,676.84</u></u>	<u><u>419,676.84</u></u>	<u><u>100.0%</u></u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
Central Services
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
9704 · CS-General Levy	57,250.00	57,250.00	0.00	100.0%	
97-13 · CS-Other Revenue	29,610.00	29,610.60			
Total Income	<u>86,860.00</u>	<u>86,860.60</u>	<u>0.60</u>	<u>100.0%</u>	
Expense					
9730 · CS-Wages & Salaries	15,863.00	7,859.05	-8,003.95	49.54%	
9736 · CS-Salaried Benefits	4,442.00	2,142.33	-2,299.67	48.23%	
9762 · CS-Equipment Purchase	3,000.00	0.00			
9762 · CS-Services	16,827.00	4,089.32	-12,737.68	24.3%	
9766 · CS-Consulting Services	34,535.00	0.00	-34,535.00	0.0%	
9767 · CS-Admin Overhead	8,588.00	4,293.76	-4,294.24	50.0%	
9778 · CS-Internal Lease	3,605.00	524.33	-3,080.67	14.55%	
Total Expense	<u>86,860.00</u>	<u>18,908.79</u>	<u>-67,951.21</u>	<u>21.77%</u>	
Net Income	<u>0.00</u>	<u>67,951.81</u>	<u>67,951.81</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
DIA Technical Services
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
9801 · DIA Tech-Transfer Payment	97,500.00	0.00			
9804 · DIA Tech-General Levy	175,450.00	175,450.00	0.00	100.0%	
9813 · DIA Tech-Other Revenue	25,239.00	25,239.00	0.00	100.0%	
Total Income	<u>298,189.00</u>	<u>200,689.00</u>	<u>-97,500.00</u>	<u>67.3%</u>	
Expense					
9830 · DIA Tech-Salaried Wages	48,375.00	23,895.68	-24,479.32	49.4%	
9836 · DIA Tech-Salaried Benefits	13,546.00	6,521.36	-7,024.64	48.14%	
9841 · DIA Tech-Staff Mileage & Expenses	1,500.00	0.00	-1,500.00	0.0%	
9842 · DIA Tech-Staff Certification & Training	2,200.00	0.00	-2,200.00	0.0%	
9850 · DIA Tech-Equipment Purchases	4,500.00	0.00	-4,500.00	0.0%	
9852 · DIA Tech-Publications & Printing	1,500.00	0.00	-1,500.00	0.0%	
9860 · DIA Tech-Materials and Supplies	500.00	0.00	-500.00	0.0%	
9862 · DIA Tech-Services	4,750.00	1,356.71	-3,393.29	28.56%	
9866 · DIA Tech-Consulting Services	195,000.00	0.00	-195,000.00	0.0%	
9867 · DIA Tech-Admin Overhead	26,318.00	13,158.76	-13,159.24	50.0%	
Total Expense	<u>298,189.00</u>	<u>44,932.51</u>	<u>-253,256.49</u>	<u>15.07%</u>	
Net Income	<u>0.00</u>	<u>155,756.49</u>	<u>155,756.49</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
NBMCA Integrated Watershed Management
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
9904 · NBMCA Watershd Plan-General Levy	41,500.00	41,500.00	0.00	100.0%	
9905 · NBMCA Watershd Plan-Special Levy	290,000.00	290,000.00	0.00	100.0%	
9913 · NBMCA Watershd Plan-Other Revenue	37,930.00	37,930.00	0.00	100.0%	
Total Income	<u>369,430.00</u>	<u>369,430.00</u>	<u>0.00</u>	<u>100.0%</u>	
Expense					
9930 · NBMCA Watershd Plan-Salaried Wages	114,178.00	81,083.06	-33,094.94	71.02%	
9931 · NBMCA Watershd Plan-Contract Wages	49,297.00	0.00	-49,297.00	0.0%	
9932 · NBMCA Watershd Plan-Seasonal Wages	14,952.00	7,710.96	-7,241.04	51.57%	
9936 · NBMCA Watershd Plan-Salaried Benefits	46,193.00	24,680.02	-21,512.98	53.43%	
9942 · NBMCA Watershd Plan-Staff Certif & Train	1,500.00	0.00	-1,500.00	0.0%	
9950 · NBMCA Watershd Plan-TCA Purchase	25,000.00	0.00	-25,000.00	0.0%	
9951 · NBMCA Watershd Plan-Equipment Rental	4,000.00	1,931.50	-2,068.50	48.29%	
9953 · NBMCA Watershd Plan-Advertising	25,000.00	50.88	-24,949.12	0.2%	
9960 · NBMCA Watershd Plan-Materials & Supply	2,500.00	576.94	-1,923.06	23.08%	
9962 · NBMCA Watershd Plan-Services	18,000.00	3,805.41	-14,194.59	21.14%	
9966 · NBMCA Watershd Plan-Consulting Services	14,320.00	12,532.64	-1,787.36	87.52%	
9967 · NBMCA Watershd Plan-Admin Overhead	49,725.00	24,862.50	-24,862.50	50.0%	
9978 · NBMCA Watershd Plan-Internal Lease	4,765.00	666.46	-4,098.54	13.99%	
Total Expense	<u>369,430.00</u>	<u>157,900.37</u>	<u>-211,529.63</u>	<u>42.74%</u>	
Net Income	<u>0.00</u>	<u>211,529.63</u>	<u>211,529.63</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
WECI 2015/2016
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
109-01 · WECI Project 2020/2021-Transfer Pay't	0.00	60,625.00	60,625.00	100.0%	
109-04 · WECI Project 2020/2021-Special Levy	170,000.00	170,000.00	0.00	100.0%	
109-13 · WECI Project 2020/2021-Other Revenue	538,002.00	538,155.06	153.06	100.03%	
Total Income	<u>708,002.00</u>	<u>768,780.06</u>	<u>60,778.06</u>	<u>108.58%</u>	
Expense					
109-30 · WECI Project 2020/2021-Salaried Wages	19,041.00	9,335.78	-9,705.22	49.03%	
109-36 · WECI Project 2020/2021-Benefits	5,332.00	2,555.41	-2,776.59	47.93%	
109-47 · WECI Project 2020/2021-Repair & Maint	634,064.00	0.00	-634,064.00	0.0%	
109-66 · WECI Project 2020/2021-Consult Service	24,065.00	5,571.56	-18,493.44	23.15%	
109-67 · WECI Project 2020/2021-Admin Overhea	25,500.00	12,750.00	-12,750.00	50.0%	
Total Expense	<u>708,002.00</u>	<u>30,212.75</u>	<u>-677,789.25</u>	<u>4.27%</u>	
Net Income	<u>0.00</u>	<u>738,567.31</u>	<u>738,567.31</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
LSHSC CAPITAL ASSET
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
112-13 · LSHSC Capital - Other Revenue	65,000.00	65,000.00	0.00	100.0%	
Total Income	<u>65,000.00</u>	<u>65,000.00</u>	<u>0.00</u>	<u>100.0%</u>	
Other Income/Expense					
Other Expense					
112-50 · LSHSC Capital - TCA Purchases	65,000.00	0.00	-65,000.00	0.0%	
Total Other Expense	<u>65,000.00</u>	<u>0.00</u>	<u>-65,000.00</u>	<u>0.0%</u>	
Net Income	<u>0.00</u>	<u>65,000.00</u>	<u>65,000.00</u>	<u>100.0%</u>	

NORTH BAY-MATTAWA CONSERVATION AUTHORITY
Profit & Loss Budget vs. Actual
LSHSC OPERATING RESERVE FUNDS
January through June 2022

	Budget	Jan - Jun 22 Actuals	Variance from Budget	% of Budget	Comments
Ordinary Income/Expense					
Income					
114-13 · LSHSC Operating Funds Reserve	60,000.00	60,000.00	0.00	100.0%	
Total Income	<u>60,000.00</u>	<u>60,000.00</u>	<u>0.00</u>	<u>100.0%</u>	
Gross Profit					
Expense					
114-60 · LSHSC Op Reserve-Mat & Supplies	60,000.00	0.00	-60,000.00	0.0%	
Total Expense	<u>60,000.00</u>	<u>0.00</u>	<u>-60,000.00</u>	<u>0.0%</u>	
Net Income	<u>0.00</u>	<u>60,000.00</u>	<u>60,000.00</u>	<u>100.0%</u>	



Draft

INCOME STATEMENT for the period of January 1 to June 30, 2022
Unaudited Financial Statements

Grant Eligible Core Activities	Account	June 30, 2022		
		Revenue	Expense	Net
Administration	31-00	215,604.70	175,424.21	40,180.49
Administration - Amortization Expense			181,212.98	-141,032.49
Watershed Planning	35-00	76,382.00	54,802.35	21,579.65
Flood Control	36-00	99,490.00	85,595.49	13,894.51
Erosion Control	37-00	42,230.00	39,231.84	2,998.16
Flood Forecasting	38-00	70,256.00	47,073.24	23,182.76
Ice Management	39-00	8,388.00	6,828.01	1,559.99
Source Protection Planning	83-00	232,116.93	95,748.38	136,368.55
Subtotal		744,467.63	504,703.52	239,764.11
Conservation Authority Core Activities				
Septics OBC	32-00	500,368.42	498,163.96	2,204.46
Regulations and Fisheries	34-00	28,772.50	26,352.93	2,419.57
Water Quality	42-00	9,851.00	5,523.64	4,327.36
Outreach	57-00	74,119.00	29,039.19	45,079.81
Interpretive Centre	56-00	114,477.79	113,771.29	706.50
Lands and Property Operations	70-00	101,646.20	72,499.71	29,146.49
Subtotal		829,234.91	745,350.72	83,884.19
NBMCA Capital Projects				
Lands and Properties Capital - C/A's/Trails	86-00	522,750.00	103,073.16	419,676.84
Central Services	97-00	86,860.60	18,908.79	67,951.81
WECI 2018/2019	109-00	768,780.06	30,212.75	738,567.31
Subtotal		1,378,390.66	152,194.70	1,226,195.96

Grant Eligible Core Activities	Account	May 31, 2022		
		Revenue	Expense	Net
Administration	31-00	137,667.76	279,867.42	-142,199.66
Administration - Amortization Expense			90,606.49	-232,806.15
Watershed Planning	35-00	76,382.00	33,322.58	43,059.42
Flood Control	36-00	99,490.00	44,768.62	54,721.38
Erosion Control	37-00	42,230.00	23,715.75	18,514.25
Flood Forecasting	38-00	70,256.00	30,179.94	40,076.06
Ice Management	39-00	8,388.00	5,216.56	3,171.44
Source Protection Planning	83-00	232,116.93	62,122.47	169,994.46
Subtotal		666,530.69	479,193.34	187,337.35
Conservation Authority Core Activities				
Septics OBC	32-00	346,602.73	351,536.68	-4,933.95
Regulations and Fisheries	34-00	22,607.50	15,959.33	6,648.17
Water Quality	42-00	4,851.00	3,107.85	1,743.15
Outreach	57-00	68,014.00	13,797.76	54,216.24
Interpretive Centre	56-00	101,564.24	93,646.15	7,918.09
Lands and Property Operations	70-00	98,523.80	51,798.76	46,725.04
Subtotal		642,163.27	529,846.53	112,316.74
NBMCA Capital Projects				
Lands and Properties Capital - C/A's/Trails	86-00	522,750.00	73,028.56	449,721.44
Central Services	97-00	86,860.60	12,432.42	74,428.18
WECI 2018/2019	109-00	768,780.06	19,106.29	749,673.77
Subtotal		1,378,390.66	104,567.27	1,273,823.39



INCOME STATEMENT for the period of January 1 to June 30, 2022

Unaudited Financial Statements

NBMC Studies/Special Projects	Account	June 30, 2022		
		Revenue	Expense	Net
DIA Technical Project	98-00	200,689.00	44,932.51	155,756.49
Integrated Watershed Management Strategy	99-00	369,430.00	157,900.37	211,529.63
LSHSC Capital Reserve Fund	112-00	65,000.00	0.00	65,000.00
LSHSC Operating Fund	114-00	60,000.00	0.00	60,000.00
	Subtotal	695,119.00	202,832.88	492,286.12
NBMC Total		3,647,212.20	1,605,081.82	2,042,130.38

NBMC Studies/Special Projects	Account	May 31, 2022		
		Revenue	Expense	Net
DIA Technical Project	98-00	200,689.00	26,459.94	174,229.06
Integrated Watershed Management Strategy	99-00	369,430.00	96,543.58	272,886.42
LSHSC Capital Reserve Fund	112-00	65,000.00	0.00	65,000.00
LSHSC Operating Fund	114-00	60,000.00	0.00	60,000.00
	Subtotal	695,119.00	123,003.52	572,115.48
NBMC Total		3,382,203.62	1,236,610.66	2,145,592.96

TO: The Chairman and Members
of the Board of Directors,

North Bay-Mattawa Conservation Authority

ORIGIN: Chitra Gowda, CAO, Secretary Treasurer

DATE: August 5, 2022

SUBJECT: Report on Letter Received from Residents on Beaver Dam Related Flooding

Background:

On June 13, 2022 properties in Callander, Ontario were damaged by water flooding likely due to a beaver dam imploding nearby. Six residents of Callander and Corbeil sent a letter to the North Bay-Mattawa Conservation Authority (NBMCA), copied to the MP Nipissing-Timiskaming, MPP Nipissing, and Mayors and Councillors of Callander and East Ferris. The letter is attached to this report and indicates that similar situations are being experienced by residents more frequently in recent years. The residents request NBMCA to consider the following:

- Offer a forecast warning service to protect from beaver dam or other water flow obstruction
- Seek funding and develop the necessary monitoring tools for example satellite imagery
- Assist local municipalities in developing enforceable regulations.

The letter includes a municipal by law by the Town of Huntsville (By-Law Number 2021-53) to deal with the potential flood threats caused by beaver dams on municipal and private property. The residents also offered to provide a delegation presentation to the NBMCA Board.

Analysis:

The NBMCA does not issue permits for beaver dam removal. However, upon receiving a request for information on beaver dam removal, the Conservation Authority (CA) may provide advice. Breaching or removing a beaver dam may not prevent the problem of future beaver activity in the area. Beavers will likely continue to construct the dam in the vicinity of the old dam. In these instances, other beaver management techniques could be considered such as “Beaver Bafflers” which provide a silent and continuous release of water.

A workshop was hosted by NBMCA and Friends of Laurier Woods in May 2017 to demonstrate the use of beaver bafflers. See the attached diagram of a baffler from the 2017 workshop presenter Michel LeClair as well as the attached information factsheet developed by Lakehead Region Conservation Authority (LRCA) in 2020. The capacity, expertise and logistics of a forecast warning and monitoring service is not within the role or purview of the NBMCA.

Staff contacted the residents who provided their contact phone numbers in the letter to inform them that the letter would be provided to the Board at its next meeting.

Recommendation: Staff must develop a factsheet similar to the LRCA's to support awareness of the role of the CA in beaver dam matters. Staff seek direction from the Board on whether a delegation should be invited from residents at a subsequent Board meeting.

RECOMMENDED RESOLUTION:

That the Members receive and accept the Staff Report regarding the letter received from residents on beaver dam related flooding; and

That the Members direct staff to develop an informational factsheet by November 2022 on beaver dams and the role of the NBMCA, to assist with concerns and frequently asked questions; and

That the Members direct staff on whether the residents can make a delegation presentation at a subsequent Members' meeting.



Chitra Gowda

CAO, Secretary-Treasurer

North Bay Mattawa Conservation Authority
15 Janey Ave., North Bay, ON P1C 1N1
Attention: CAO Chitra Gowda



Ms. Gowda,

We are residents of Corbeil, Ontario. Recently, our homes between 1764 and 1772 Highway 94 were damaged by water from an imploding beaver dam located on a neighbouring private property. Within minutes, in the early hours of June 13, our basements and yards were flooded with water and our driveways were washed away.

We understand that our homes are located in an area that has historically been affected by small beaver ponds that came and went as part of a natural ecological cycle. We thought we had taken the necessary steps to protect our properties from such events. However, the amount of water in this recent incident exceeded our expectations. For some, this is the fourth time in recent years that we have had to deal with a similar situation. We wonder what has changed. Is it climate change that is at play, with higher intensity rainfall? There have been other similar events in our area, such as what happened last fall along Highway 17 (see attached photos), that long term residents are finding not normal.

I think you will agree that it makes no sense to expect an individual resident to take control of a beaver dam on another private or public property. This is trespassing. In addition how can such a resident or the owner of the property on which the dam is located know the condition of the waterway upstream or downstream of their property? As neither beavers, humans or climate change are going away, we believe there is a role for government to play in helping us manage just as they do with other natural hazards and events:

- fires with Municipal Fire Risk Rating systems
- floods with the Water Survey of Canada, NBMCA and MNRF flood warning systems
- avalanches with the Canadian Public Avalanche Forecasting system.

We understand that Public Safety Canada has a mandate to protect Canadians from a range of risks such as natural disasters. With respect to weather and flood monitoring specifically in Ontario, we understand this is a shared responsibility between the Conservation Authorities, MNRF and Environment Canada. When flooding is possible or imminent, the Conservation Authorities disseminate flooding messages to municipal

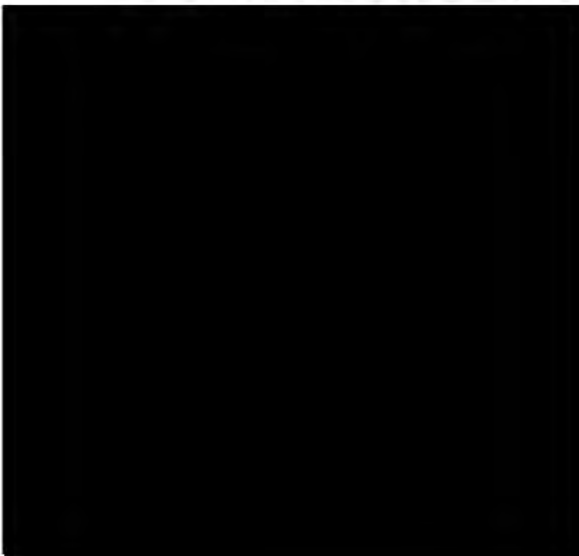
emergency management officials and the media. This is great! Are there opportunities to apply similar approaches to beaver dam management as per the following suggestions?

1. Could the NBMCA offer a forecast of warning service to protect from a beaver dam or other water flow obstruction that could cause flooding or other damage to private property, roads, culverts, bridges, drainage structures, or other public property if collected water escaped?
2. Could the NBMCA seek funding and develop the necessary monitoring tools with the many satellite and aerial technologies now available?
3. Could the NBMCA assist local municipalities in developing enforceable regulations to protect property from damage caused by property owners who fail to ensure that the water they control on their property is properly treated, as what the Town of Huntsville did in 2021 with regulation 2021-53 (see attached regulation)?

We would welcome a delegation before your Board of Directors to further explore opportunities to identify ways to protect homeowners, businesses, and public infrastructure at risk of a similar disaster.

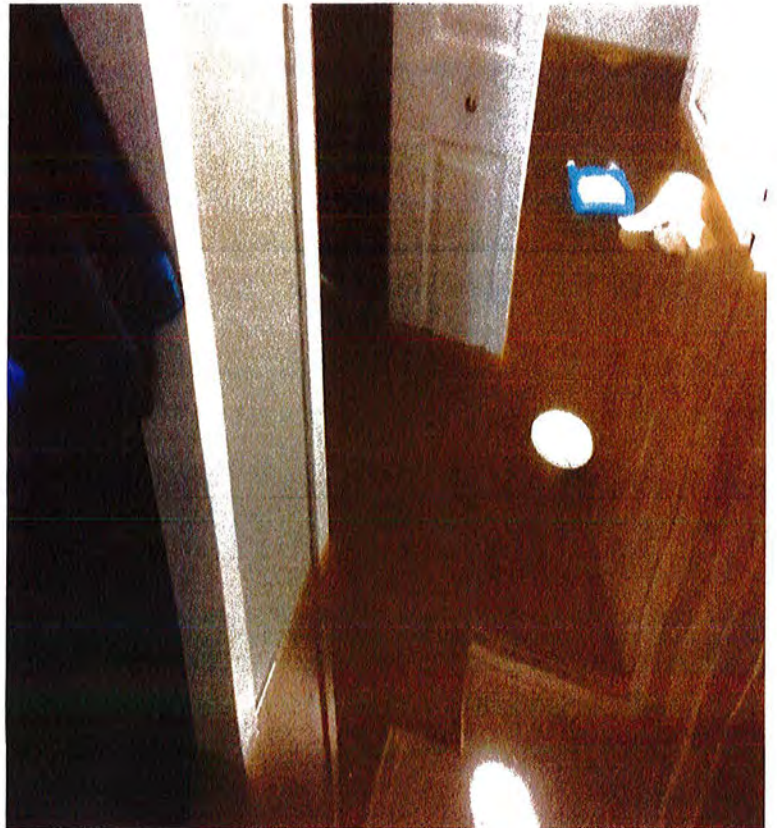


Cc
MP Nipissing-Timiskaming
MPP Nipissing
Mayor and Councillors Municipality of East Ferris
Mayor and Councillors Town of Callander
NBMCA Water Resources Engineer

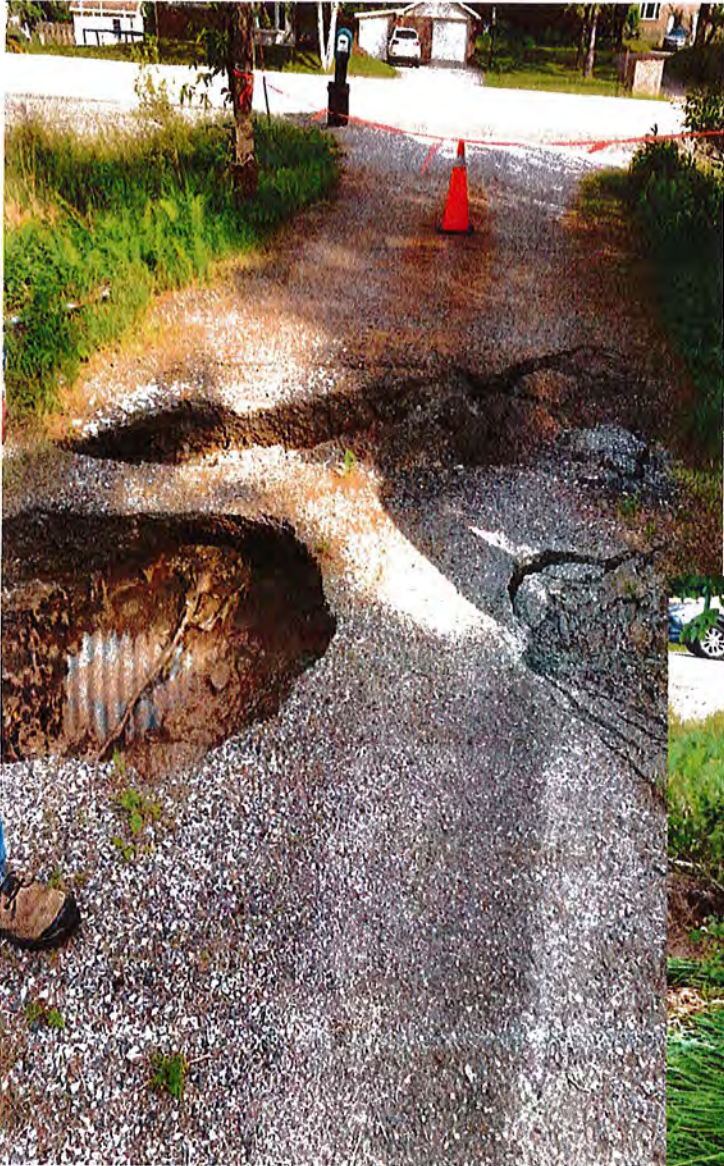




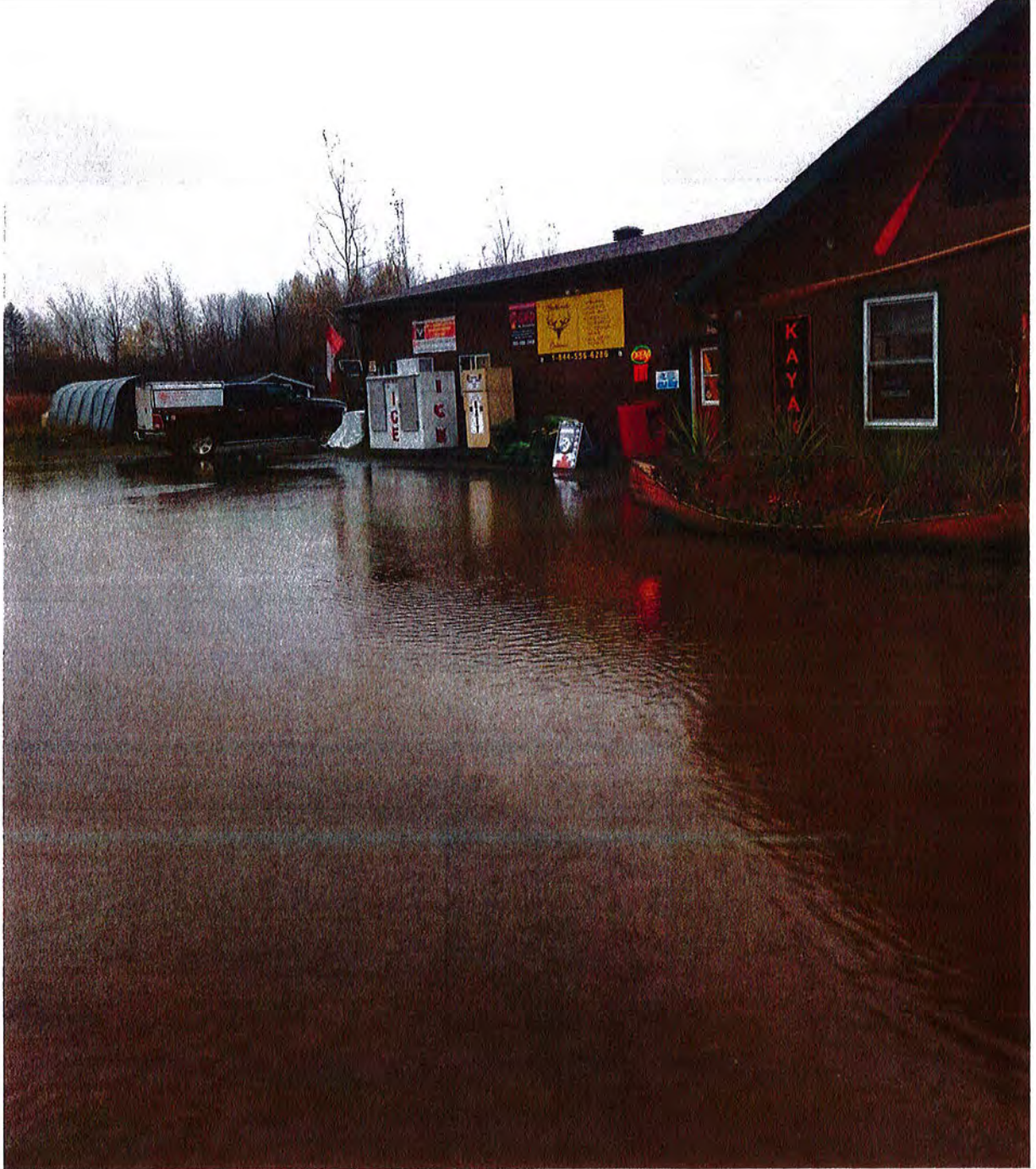














THE CORPORATION OF THE TOWN OF HUNTSVILLE

BY-LAW NUMBER 2021-53

Being a By-law Being to adopt a policy respecting the management of nuisance beavers and beaver dams in the Town of Huntsville

WHEREAS pursuant to Section 11 of the Municipal Act, S.O. 2001, c. 25, as amended, the "Municipal Act" authorizes a Municipality to pass by-laws respecting matters within the jurisdiction of drainage and flood control;

AND WHEREAS section 8 of the Fish and Wildlife Conservation Act, 1997, S.O. 1997, c. 41, as amended, authorizes a municipality to damage or destroy a beaver dam to protect municipal property;

AND WHEREAS Part XIV, Sections 425 to 447.9 of the Municipal Act, as amended, gives authority to a municipality to enforce its by-laws including the issuance and enforcement of orders, rights of entry, rights of remedial action and the right to recover its costs;

AND WHEREAS the Council of The Corporation of the Town of Huntsville believes it to be in the public interest to regulate and control flooding that may be caused by Beaver Dams in order to protect public infrastructure and the health and safety of the public;

AND WHEREAS beaver dams constructed on private property and the damage they may cause due to flooding, breaches and related hazards are the responsibility of the private property owner;

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWN OF HUNTSVILLE ENACTS AS FOLLOWS:

1.0 **Definitions**

In this By-law:

- 1.1 **"Beaver"** means a large semiaquatic broad-tailed rodent that is native to North America. It is noted for its habit of gnawing through tree trunks to fell the trees in order to feed on the bark and build dams.
- 1.2 **"Beaver Dam"** means a structure constructed by a Beaver to provide ponds as protection against predators;

- 1.3 **“By-Law”** means Corporation of the Town of Huntsville By-Law 2021-53, short title: “Management of Beaver Dams By-law”
- 1.4 **“By-Law Enforcement Officer”** means a person who is appointed by Council to enforce bylaws enacted and passed by Council;
- 1.5 **“Council”** means the Council of The Corporation of the Town of Huntsville;
- 1.6 **“Owner”** means the registered Owner of the land and also includes the Owner of the animal and also includes a trustee acting on behalf of the registered Owner, the estate of a registered Owner and a Person with a leasehold interest in the land;
- 1.7 **“Person”** means any human being, association, firm, partnership, incorporated company, corporation, agent or trustee, and the heirs, executors or other legal representatives of a Person to whom the context can apply, according to law;
- 1.8 **“Director”** means a person or designate, who is employed by the Town and is responsible for overseeing the maintenance of municipal roads and infrastructure or their designate.
- 1.9 **“Town”** means the Corporation of the Town of Huntsville;
- 2.0 **General Prohibitions – Flood Risks**
- 2.1 No Person or Owner shall permit a Beaver Dam or other obstruction on their property that may create a flood risk or threaten health and safety of the general public or which may cause damage to municipal property.
- 3.0 **Administration**
- 3.1 For the purposes of this By-law, a flood risk is created where a Beaver Dam or other obstruction allows water to collect in a manner that might reasonably be expected to cause flooding or other damage to private property, a highway, culverts, bridges, drainage works or other municipal property, if the water collected were to escape.
- 3.2 If damage to municipal property is likely to occur or has already occurred, the Director may issue an order to have the Beaver Dam removed, and shall forward copies of the same addressed to each Owner of the property so identified by the municipal tax rolls upon which the Beaver Dam is located, and to any occupier of the property to whom the Director considers the order should also be issued. The order may also be posted up in a conspicuous place on the property. Where some damage to municipal property has already occurred, the order may also require the repair of that damage at the cost of the Owner(s).

- 3.3 If an inspection of a property reveals that the prohibition set out in section 2.1 of this By-law has been or will be breached due to the presence of a Beaver Dam on the property and the Director is of the reasonable opinion that the presence of the Beaver Dam creates a risk to public health and safety that must be remedied immediately, the Town may enter on the property with such employees, agents or contractors and equipment and take all reasonable measures necessary to correct the situation creating the risk to public health and safety. Under such circumstances, notice shall be given to the Owner or occupant of the property as soon as practicable.
- 3.4 If it appears to the Director that damage to municipal property is presently occurring or, on reasonable grounds, that protection of municipal property requires immediate action, the order may require immediate compliance on the date of issuance of the order.
- 3.5 If an inspection of a property reveals that the property does not conform to the standards prescribed in section 2.1 of this By-law and the circumstances in section 3.4 are not present, the Director may issue a written order to the Owner or occupant of the property or both, setting out that the Persons to whom an order has been issued are jointly and severally liable for all of the costs to the municipality of removing the Beaver Dam in compliance with all the applicable legislation, and for the costs associated with any other remedial work to rectify damage caused to municipal property, as described in the order.
- 3.6 Any order issued by the Town in accordance with this By-law shall be served personally or by registered mail sent to the last known address of the Person to whom the order is to be given, in which event the service shall be deemed to have been made on the seventh day after mailing.
- 3.7 If the Owner of a property to whom an order has been given in accordance with this By-law does not comply with the order within the time prescribed in the order, the Town may, in addition to all other remedies, cause the property to be brought into a condition that conforms to this By-law at the Owner's expense and, for this purpose, the Town's employees or agents may enter onto the property at any reasonable time without further notice to the Owner or occupant in order to do such work and remedy any contravention of this By-law.
- 3.8 The Town may collect any costs incurred by it to remedy any non-compliance with section 3 of this By-law by adding the costs, plus a 10% administration fee, to the tax roll of the property on which the work was performed in accordance with this By-law.
- 3.9 Despite any actions taken in respect to this By-law, the Town shall not be liable to compensate the Owner, occupant or any other Person by reason of anything done by or on behalf of the Town in the reasonable exercise of its powers under this By-law.

4.0 Entry and Inspection

4.1 A Director or By-law Enforcement Officer or their designate may at any time, enter onto a property to determine whether this By-law is being complied with.

4.2 Every Person shall permit a Director or By-law Enforcement Officer or their designate to inspect any land for the purposes of determining compliance with this By-law.

5.0 Obstruction

5.1 No Person shall hinder or obstruct, or attempt to hinder or obstruct, any Director or By-law Enforcement Officer or their designates from exercising a power or performing a duty under this By-law.

6.0 Severability

6.1 If any provision or part of a provision of this By-law is declared by any court or tribunal of competent jurisdiction to be illegal or inoperative, in whole or in part, or inoperative in particular circumstances, the balance of the By-law, or its application in other circumstances, shall not be affected and shall continue to be in full force and effect.

6.2 If a provision of this By-law conflicts with an Act or regulation or another by-law, the provision that is the most restrictive shall prevail.

6.3 If a court of competent jurisdiction should declare any section or part of a section of this By-law to be invalid, such section or part of a section shall not be construed as having persuaded or influenced Council to pass the remainder of the By-law and it is hereby declared that the remainder of the By-law shall be valid and shall remain in force.

7.0 Schedules

7.1 Schedules "A" and "B" as attached form part of this By-law.

8.0 Short Title

8.1 This By-law shall be known as the "Beaver Dams Management By-law".

9.0 Town Not Liable

9.1 The Town assumes no liability for property damage or personal injury resulting from remedial action or remedial work.

10.0 Passage

10.1 This By-law shall come into force and effect on the day it is passed by Council.

READ a first, second and third time and finally passed this 26th day of July, 2021.

Karin Terziano

Tanya Calleja

Mayor (Karin Terziano)

Clerk (Tanya Calleja)

**Schedule “A” to By-law 2021-53
Policy and Procedure for the Management of Beaver Dams**

The Council of the Corporation of the Town of Huntsville deems it expedient to adopt a policy and procedure to deal with potential flood threats caused by beaver dams. These structures, with associated head ponds, often do adversely impact public roads, and the health and safety of the general public.

Where dams occur on town property, the municipality has clear authority to remove or alter the dams to ensure the negative impacts of flooding on a public road(s) is minimized or controlled.

Where dams occur on private lands, the Town will encourage landowners to manage these animals and structures in an effort to help protect public assets from the negative impacts of flooding, which may occur when dams are suddenly breached as well as oversee any potential damage caused and ensure health and safety of the general public.

The Town will require corrective action as necessary to prevent damage to public infrastructure, in accordance with this By-law.

Situations and Circumstances

- 1.1 On performing road patrols or in receiving comments or complaints from the public, the Director or designate, may become aware of beaver activities that represent potential problems for Town property or infrastructure. In such instance the Director or designate will make an assessment as to whether town property is or soon will be damaged as a result of beaver activities and identify the safest and most effective method to address problems associated with these activities and the health and safety associated for the general public.
- 1.2 If the beaver dam or blockage is located on municipal property, the Director or designate will remove the dam or blockage if risks to public safety or property damage so warrant and may contact a licensed trapper to trap or dispatch the beaver(s). The trapper shall be licensed by the Ministry of Natural resources and Forestry (MNRF) and comply with all applicable legislation when setting and retrieving traps.
- 1.3 If the beaver dam is located on private property, the landowner will be asked, in writing by the Director or designate, to have the dam removed or altered in such a manner as to prevent flooding damage to adjacent Town property. Alternatively, the landowner's permission will be obtained in writing, using the form attached as Schedule “B” to this by-law, for Town staff to enter onto the property to remove or alter the dam. In obtaining consent for the Town involvement the owner will be asked to acknowledge and agree, in writing, that the Town will not be held responsible for damages that may occur when altering or removing a dam by Town or contracted resources and/or trapper being assigned to commence trapping on said private lands.

- 1.4 If the landowner refuses access to the property or to a population control of the beaver, the landowner will be sent a registered letter from the Director or designate informing them that they could be held liable for any damages caused to municipal property or harm caused to the public as a result of the beaver dam being suddenly breached or washed out.

Emergency Situations

- 2.1 There may be emergency situations which arise where water levels and the volume of retained water created by a beaver dam(s) represent an imminent flood threat to a public asset (road, bridge, culvert, etc.), which in turn could impact public safety. In such instances, the Director or designate, shall assess the threat, determine the risk of damage to the public asset and take action to alter or remove the dam to lower the threat of flooding to an acceptable level.
- 2.2 Authority to take such emergency action is referenced in the Fish and Wildlife Conservation Act, 1997 as follows:
 - Beaver dams; Section 8(3) states: A person shall not damage or destroy a beaver dam unless the person holds a licence to trap furbearing mammals.
 - Protection of property, Section 8(4) states: Subsection (3) (shown above) does not apply to a person or agent of a person, who damages or destroys a beaver dam to protect the person's property.
- 2.3 In accordance with 2.2 above, under an emergency situation, as determined by the Director or designate, Town staff or an appointed contractor/agent may enter onto private property to alter or remove a beaver dam with the objective of "protecting property"; e.g. a public road.

Risk Assessment Procedure

- 3.1 A risk assessment will be conducted by the Director or designate to determine if an emergency response is required.
- 3.2 Where, as a result of excessive water associated with a beaver dam(s), water is being held against a road to the extent that the road is deemed to be unsafe for public travel and/or it is apparent that road failure is possible then emergency actions will be initiated including entry to private land to remedy the problem.
- 3.3 Where there is a sufficient head of water being held behind a beaver dam that if released quickly would overwhelm the road and related drainage system, thereby representing a serious threat to infrastructure and/or public safety, then emergency actions will be initiated including entry onto private lands to remedy the problem.

- 3.4 In either of the above situations, the threat of damage may be heightened if weather conditions and predictions call for greater rain or run-off that would increase water volumes and increase washout possibilities.

Schedule “B” to By-law 2021-53

PROPERTY ACCESS FORM

Date:

I, owner of the property located at Lot __, Concession __, Civic Address _____,
Plan _____, Part _____, within the Corporation of the Town
of Huntsville;

Select an option below;

Option A:

Give the Town of Huntsville Operations Department and/or a licensed trapper
permission to access the above-mentioned property to deal with the nuisance beaver
and/or beaver dams.

Option B:

Refuse to give the Town of Huntsville Operations Department and/or a licensed trapper
permission to access the above-mentioned property to deal with the nuisance beaver
and/or beaver dams.

NOTE:

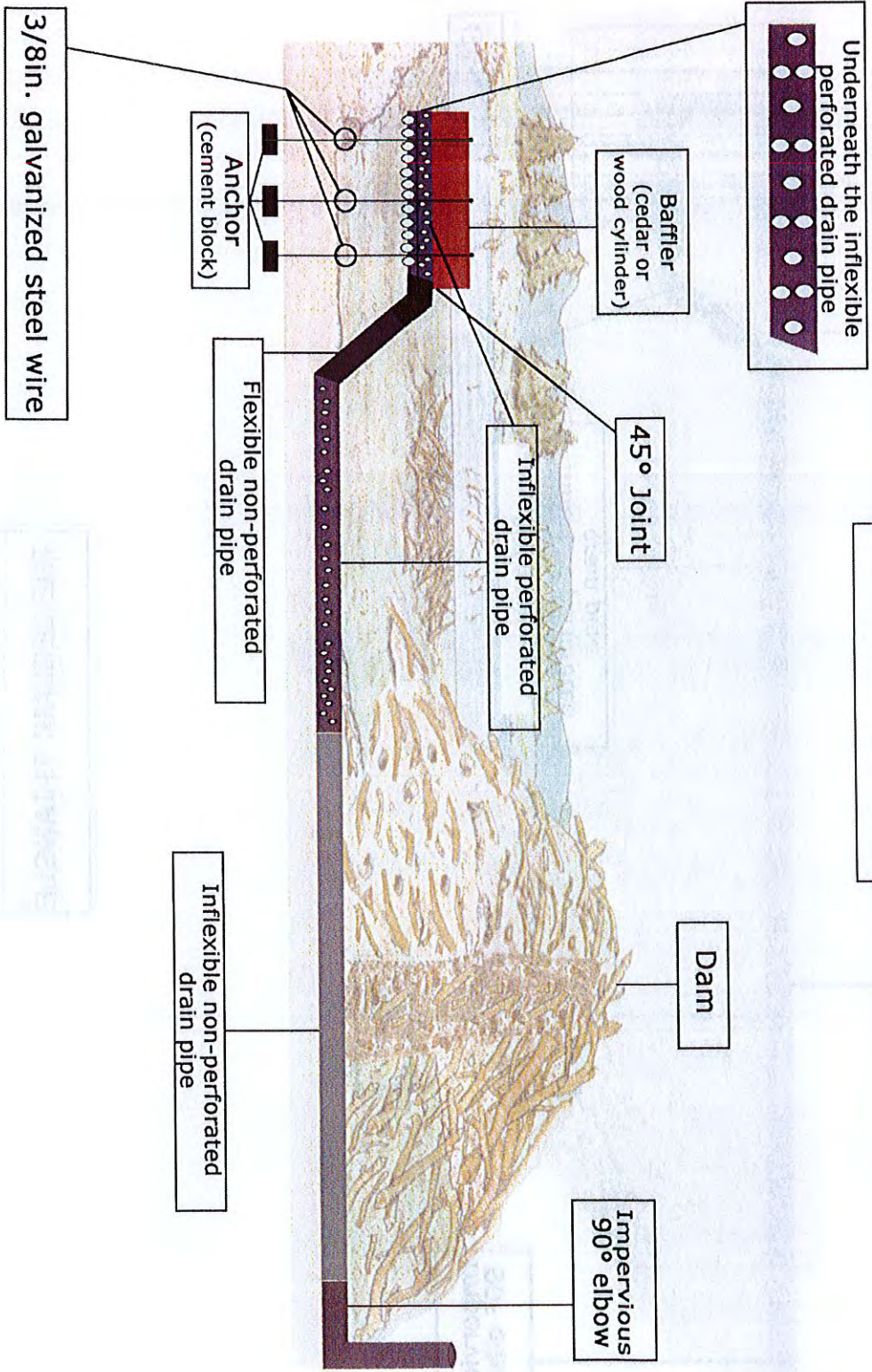
- (1) Failure to provide a response to the Town within 7 business days of receipt of this Form by Registered Mail will be considered a refusal of access and shall be recorded as such. (Option ‘B’)
- (2) In obtaining consent (Option ‘A’), the Town will not be held responsible for any damages that may occur as a result of altering or removing a beaver dam on the above-mentioned property.
- (3) Refusal of access will result in legal action(s) and you will be held liable for any damages caused to town property or harm caused to the public as a result of the beaver dam being breached or washed out.

Signature of land owner: _____

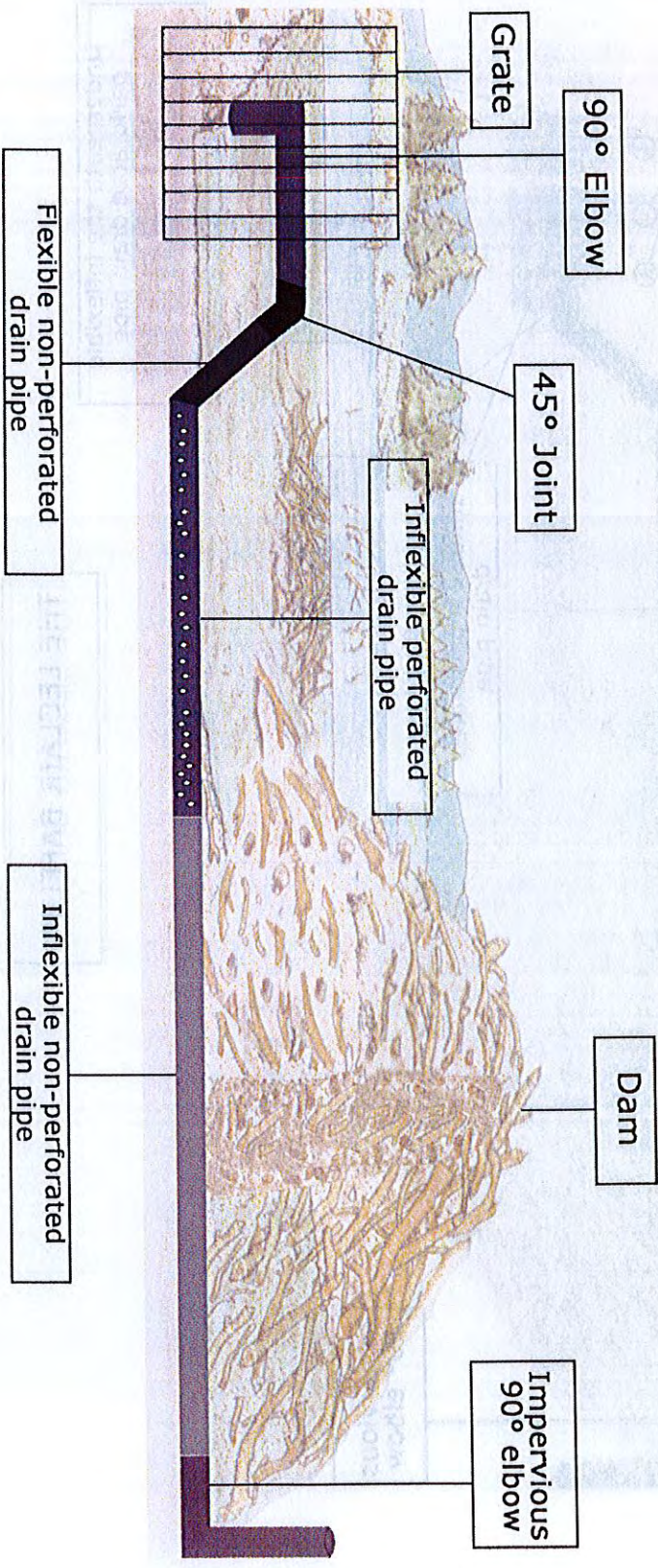
Mailing address of owner: _____

Witness: _____

THE LECLAIR BAFFLER



THE LECLAIR TRIANGLE





LAKEHEAD REGION
CONSERVATION AUTHORITY

DEALING WITH BEAVER ISSUES

November 16, 2020



Beavers are found all over Ontario. While most commonly found in forests, beavers can also expand to unforested areas where waterways are bordered by trees and shrubs; this can lure beavers into parks and green spaces created by people. A beaver's life is dependent on logging for both food and shelter. Beavers can cut down an average of 216 trees per year, even felling trees up to 40 centimetres in diameter.

Dams and ponds created by beavers can sometimes be a nuisance on private land — flooding agricultural fields and forests, washing out roads and killing trees.

Landowners have two choices when it comes to dealing with beavers on their land: they can share their property with the visitors, or they can take steps to remove them.

Management of beavers on private land is the responsibility of the landowner. The Lakehead Region Conservation Authority (LRCA) does not participate in beaver control programs unless the source of the problem is on land owned or managed by the LRCA.

OTHER SOURCES OF INFORMATION:

MNR Website: <https://www.ontario.ca/page/preventing-conflicts-beavers>

DFO Website: <https://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>

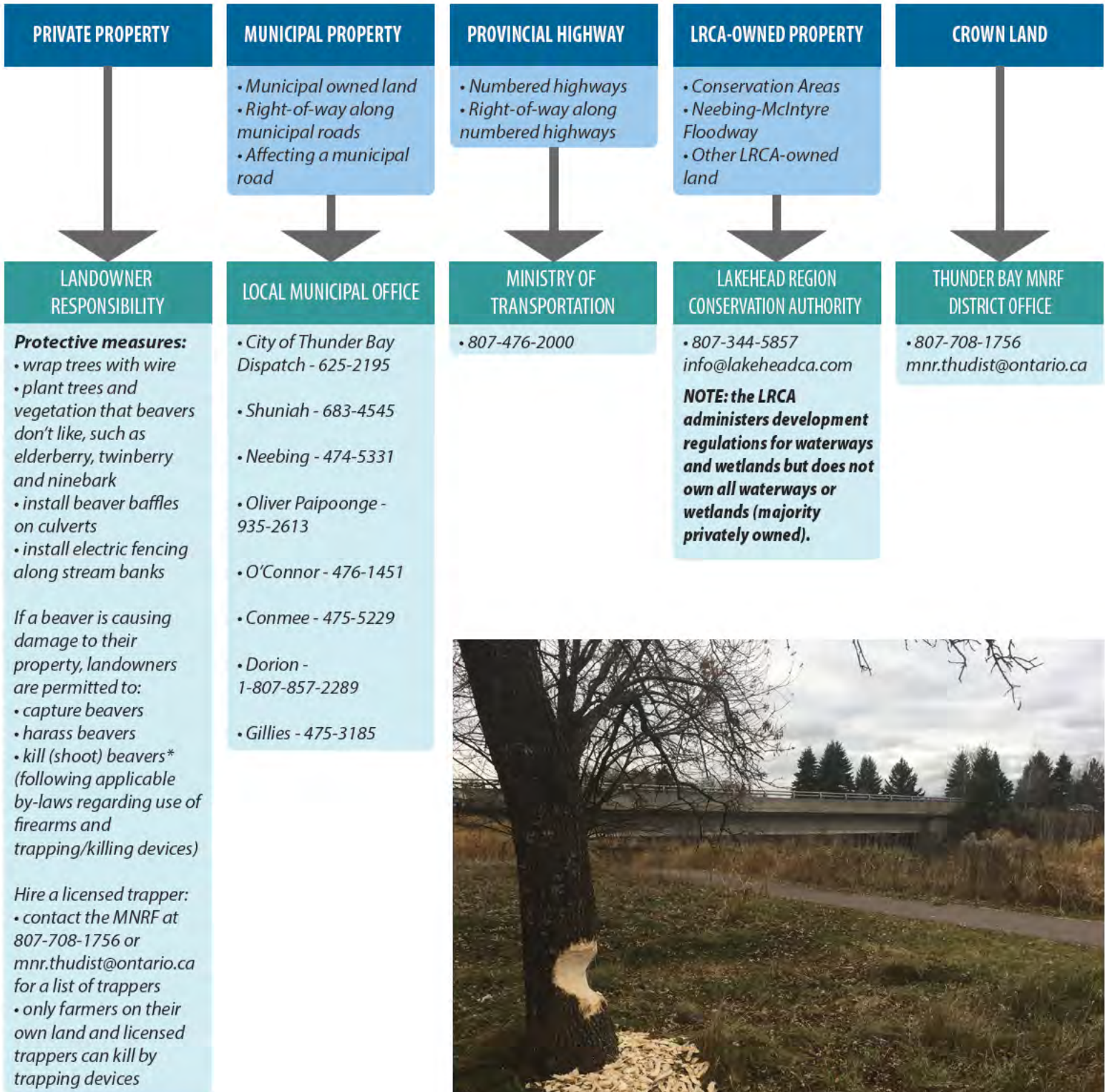
BEAVER DAM REMOVAL:

- For private property
 - see DFO Interim Code of Practice: <https://www.dfo-mpo.gc.ca/pnw-ppe/codes/beaver-dam-barrage-castor-eng.html>
 - Hire a licensed trapper (recommended to outline contract in writing).
 - Landowner is liable for any downstream impacts resulting from dam removal, must be a slow gradual release.
- Consult the LRCA or MNR for dams on LRCA-owned land or Crown Land.

Please keep in mind: wild animals have the same basic needs as humans (food, water and shelter). Humans and wildlife can come into conflict from time to time, especially when animals are trying to meet their basic needs. These conflicts can often be prevented if people are willing to make small changes to how we think and act. As people and wild animals live side by side in Ontario, we all share responsibility for preventing and handling human-wildlife conflicts.

If you must take action against wildlife, please consider all your options and follow all relevant laws and regulations.

DEALING WITH BEAVER ISSUES



Example of beaver activity along the Neebing-McIntyre Floodway.

Appendix #3
08-17-2022

TO: The Chairman and Members
of the Board of Directors,

North Bay-Mattawa Conservation Authority

ORIGIN: Valerie Murphy, Regulations Officer

DATE: August 5, 2022

SUBJECT: Report on Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses Permits and North Bay-Mattawa Conservation Authority Annual Reporting on Timelines Interim Report January 1, 2022 to August 5, 2022

Background:

Section 28 of the *Conservation Authorities Act*, and subsequently Ontario Regulation 97/04 empowers each Conservation Authority to establish their own regulation to prevent the loss of life and property due to flooding and erosion, and to conserve and enhance natural resources. On May 4, 2006 the North Bay-Mattawa Conservation Authority (NBMCA) received its regulation entitled the Development, Interference with Wetlands, and Alterations to Shorelines and Watercourse Regulation (Ontario Regulation 177/06). This regulation will continue to be used as the tool by which the NBMCA manages issues related to development in natural hazard areas including areas with floodplains, wetlands and steep slopes. Within this regulation, a permit may be given by an Authority for development applications within the Authority's jurisdiction for:

28(1)(b) prohibiting, regulating or requiring permission of the authority for straightening, changing, diverting or interfering in any way with the existing channel of a river, creek, stream or watercourse, or for changing or interfering in any way with a wetland;

28(1)(c) prohibiting, regulating or requiring the permission of the authority for development if, in the opinion of the authority, the control of flooding, erosion, dynamic beaches or pollution or the

conservation of land may be affected by the development.(Conservation Authorities Act, R.S.O. 1990, Chapter C.27).

On February 8, 2013, the amended Ontario Regulation 177/06 came into effect. These amendments were approved by the NBMCA Board of Directors on December 19, 2012. One of the amendments that was included, and which was approved by the NBMCA Board of Directors, included the delegation of approvals of permit applications to the following designated employees:

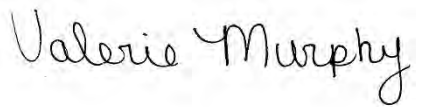
- Chief Administrative Officer, Secretary-Treasurer
- Director, Planning & Development

As such, this Board Report is being presented to the NBMCA Board of Directors for information purposes.

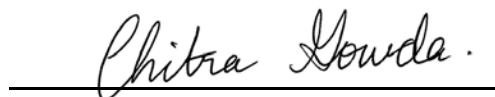
Analysis:

Twenty-One new permits have been issued by the Conservation Authority since the previously approved minutes as per the policies, procedures, and guidelines of the NBMCA under Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation. A table summarizing the details of these permits is attached to this report.

Of the newly issued permits four have been issued for the installation and stabilization of culverts, three have been issued for construction or additions to dwellings, and seven have been issued for the construction of a dock and/or dock structures, fences, and landscaping.



Valerie Murphy, Regulations Officer



Chitra Gowda, CAO-Secretary Treasurer

DEVELOPMENT, INTERFERENCE WITH WETLANDS AND ALTERATIONS TO SHORELINES AND WATERCOURSES

FOR NBMCA BOARD INFORMATION ON: August 5, 2022

PERMIT YEAR: 2022

File No.	Name of Applicant	Municipality	Legal Description/ Address	Name of Regulated Feature	Nature of Work	Date Complete Application Received	Development, Interference with Wetlands and Alterations to Shorelines and Watercourses
							Permit No./Date of Issuance
RBO-22-04	Jeff Hamilton	Bonfield	89 Lakeshore Road	Lake Nosbonsing	To pour concrete pad for marine rail support	June 16, 2022	#61-22 June 23, 2022
RNB-22-34	Nicole and Michael Brooker	North Bay	Lot 6 Kenreta	Escarpment	To excavate and grade site and construct new single-family dwelling	June 17, 2022	#62-22 June 23, 2022
REF-22-10	Bob and Jennifer Kane	East Ferris	423 Centennial	Trout Lake	To reconstruct existing crib in same footprint	June 23, 2022	#63-22 June 30, 2022
RCHI-22-05	John Janssen	Chisholm	1396 River Road	Tributary to Depot Creek and wetland	To stabilize culvert and banks on new laneway	June 21, 2022	#64-22 June 30, 2022
RBO-22-05	Bonfield Township	Bonfield	Municipal boat launch in Bonfield Township/ Church St.	Lake Nosbonsing	To pour concrete pad, install new docking area.	June 29, 2022	#65-22 July 7, 2022
RNB-22-35	Christopher Allen and Jenna Crowe	North Bay	677 Larocque Road	Unevaluated Wetland	Addition to existing dwelling	June 30, 2022	#66-22 July 7, 2022

DEVELOPMENT, INTERFERENCE WITH WETLANDS AND ALTERATIONS TO SHORELINES AND WATERCOURSES

FOR NBMCA BOARD INFORMATION ON: August 5, 2022

PERMIT YEAR: 2022

RNB-22-36	Michael DeGagne	North Bay	900 Peninsula Road	Trout Lake and slope	Addition to existing deck	June 30, 2022	#67-22 July 7, 2022
RNB-22-37	Mark Thomas	North Bay	Thompson Park Island	Chippewa Creek	To install two sets of culverts	June 30, 2022	#68-22 July 7, 2022
RNB-22-38	Rogy Masri	North Bay	385 Northshore	Trout Lake	To complete landscaping (brick patio, retaining walls, garden)	July 7, 2022	#69-22 July 14, 2022
RCALL-22-09	Paula Narburgh	Callander	300 Lansdowne	Lansdowne Creek	To replace existing culvert that is failing	July 10, 2022	#70-22 July 14, 2022
RBO-22-06	Debra Helm	Bonfield	45 Lakeshore Road	Lake Nosbonsing	To place fill behind rock berm near shoreline	July 9, 2022	#71-22 July 14, 2022
RNB-22-39	Rene L'Ami	North Bay	555 Northshore	Trout Lake	To place fill near shoreline and place temporary structure	July 11, 2022	#72-22 July 14, 2022
REF-22-11	Eric Foisy	East Ferris	20 Lakeside Lane	Lake Nosbonsing	To excavate a trench to expose existing geothermal line for repair	July 12, 2022	#73-22 July 14, 2022

DEVELOPMENT, INTERFERENCE WITH WETLANDS AND ALTERATIONS TO SHORELINES AND WATERCOURSES

FOR NBMCA BOARD INFORMATION ON: August 5, 2022

PERMIT YEAR: 2022

RNB-22-41	Robert Black & Judith Adams	North Bay	17 Birch Street	Lake Nipissing	Construct a new wooden fence	July 11, 2022	#74-22 July 21, 2022
REF-22-12	Sandra Corbeil	East Ferris	536 Nosbonsing Park Road	Lake Nosbonsing	Construct a new wooden deck as anchor point for new dock	July 13, 2022	#75-22 July 21, 2022
RNB-22-42	Jessi Tessier	North Bay	43 Trillium Drive	Parks Creek	Construct new wooden deck, construct above ground pool, prepare site for sod	July 19, 2022	#76-22 July 21, 2022
REF-22-13	Michael Doolan	East Ferris	749 Nosbonsing Park Road	Lake Nosbonsing	Landscaping	July 19, 2022	#77-22 August 4, 2022
REF-22-14	James Bissonnette	East Ferris	1417 Village Road	Lake Nosbonsing	Construct a small retaining wall and bring in sand fill	July 19, 2022	#78-22 August 4, 2022
RBO-22-07	Roger Williamson	Bonfield	Grey Rock Lane	Unnamed Watercourse leading to Lake Talon	Replace a culvert under private road	July 21, 2022	#79-22 August 4, 2022
RBO-22-08	Mark Truchon	Bonfield	25 Andrew Lane	Lake Talon	Construct a new dwelling with deck on lakefront	July 15, 2022	#80-22 August 4, 2022
RBO-22-09	Township of Bonfield	Bonfield	356 HWY 531	Lake Nosbonsing	Splash Pad / drainage pipe installation	July 25, 2022	#81-22 August 4, 2022

North Bay-Mattawa Conservation Authority Annual Reporting on Timelines Interim Report January 1, 2022 to August 5, 2022

The following is a summary of the permit categorization within North Bay-Mattawa Conservation Authority (NBMCA) as well as the summary of the permits issued in the 2022 permitting year from January 1 to August 5, 2022 and how they fit into the previous Policy and Procedure Timelines and the new CO Guideline Timelines.

NBMCA considers projects under one of four categories of projects. The categories take into account the size, scope and impacts of the proposal on natural hazards and the landscape. They are: Major, Large, Standard and Small Projects.

Major Projects – Includes activities such as multiple residential units or blocks, institutional and commercial buildings, new infrastructure, major fill activity (greater than 2000m³) and channelization alterations greater than 500m.

Large Projects – New single residential development, replacement infrastructure, foundation reconstructions, fill activity between 500-2000m³.

Standard Projects – Additions, auxiliary buildings or structures less than 1000ft², fill activities 100-500m³, boathouses.

Small Projects - Auxiliary structures less than 20m², fill activity less than 100m³, docks.

For consistency, NBMCA has reviewed the permit categories as outlined in section 2.2 of the Annual Reporting on Timelines Template document and determined how NBMCA categories fit with those in the reporting template.

Generally, Major and Large Projects involve significant staff involvement and require more complex technical reviews and supporting reports, such as engineering reports or environmental impact studies. This would fall under the Annual Reporting on Timelines Major applications category.

NBMCA's standard project category generally covers projects with a lower level of risk, not typically within the hazard but within the allowance and impacts to the hazard are small. This would fall under the Annual Reporting on Timelines Minor applications category.

The Small Project category covers activities that are very minor in nature and would have limited impact on the hazard. This would fall under the Annual Reporting on Timelines Routine category.

This explanation outlines how NBMCA will categorize our permits within those outlined in the Annual Reporting on Timelines Template.

January 1 to August 5, 2022

Summary of all Section 28 Permits in Area of Jurisdiction of North Bay-Mattawa Conservation Authority

The following table summarizes all Section 28 permits issued since January 1, 2022 through to August 5, 2022.

Conservation Authority	Number of Permits Issued Within Policy and Procedure timeline			Number of Permits Issued Outside of Policy and Procedure Timeline			Reason for Variance from Policy and Procedure (Optional)		
	Major	Minor		Major	Minor		Major	Minor	
North Bay-Mattawa Conservation Authority	10	70		0	0				
Conservation Authority	Number of Permits Issued Within CO Guideline timeline			Number of Permits Issued Outside of CO Guideline timeline			Reasons for Variance from Guidelines (Optional)		
	Major	Minor	Routine	Major	Minor	Routine	Major	Minor	Routine
	10	21	46	0	0	3			

A total of 80 permits and 1 permit amendment have been issued since January 1, 2022. The majority of the permits have been issued within the CO Guidelines. The three permits that were not issued within the specified guidelines were issued 1 day after the required timeline due to office scheduling during the covid-19 pandemic or due to a prolonged absence from the office due to scheduled vacation.

Recommended CO Timelines for High Growth CAs

Follow-up from pre-consultation meeting:

Major permit applications: within 14 days of pre-consultation meeting.

Minor permit applications: within 7 days of the pre-consultation meeting.

This will include confirmation of whether the application is considered major or minor, if the application is complete.

Confirmation that the application has been received and deemed complete of incomplete:

Major permit applications: within 21 days of the application being received.

Minor permit applications: within 14 days of the application being received.

Routine permit applications: within 10 days of the application being received.

Completed review and issuance of DIA permit:

Major permit applications: within 28 days of receiving completed application.

Minor permit applications: within 21 days of receiving completed application.

Routine permit applications: within 14 days of receiving completed application.

TO: The Chairman and Members of the Board of Directors,
North Bay-Mattawa Conservation Authority

**Appendix #4
08-17-2022**

ORIGIN: Valerie Murphy, Regulations Officer

DATE: August 5, 2022

SUBJECT Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Application (NBMCA File No. RCALL-22-10) – filling and grading lots in preparation of future residential developments.
Tillicum Bay Road, Lot 25 Concession 6 Part 2 and 3 Plan 42R-12931
Municipality of Callander

The North Bay-Mattawa Conservation Authority (NBMCA) has received a Development, Interference with Wetlands and Alterations to Shorelines and Watercourses (DIA) application from Wilma and Ron Schweitzer. The application is for the clearing of vegetation, the placement of fill and site grading on two lots for preparation for the construction of single-family dwellings on the two lots located on Tillicum Bay Road in the Municipality of Callander (Figure 1). A plan of development is found in Appendix 1.

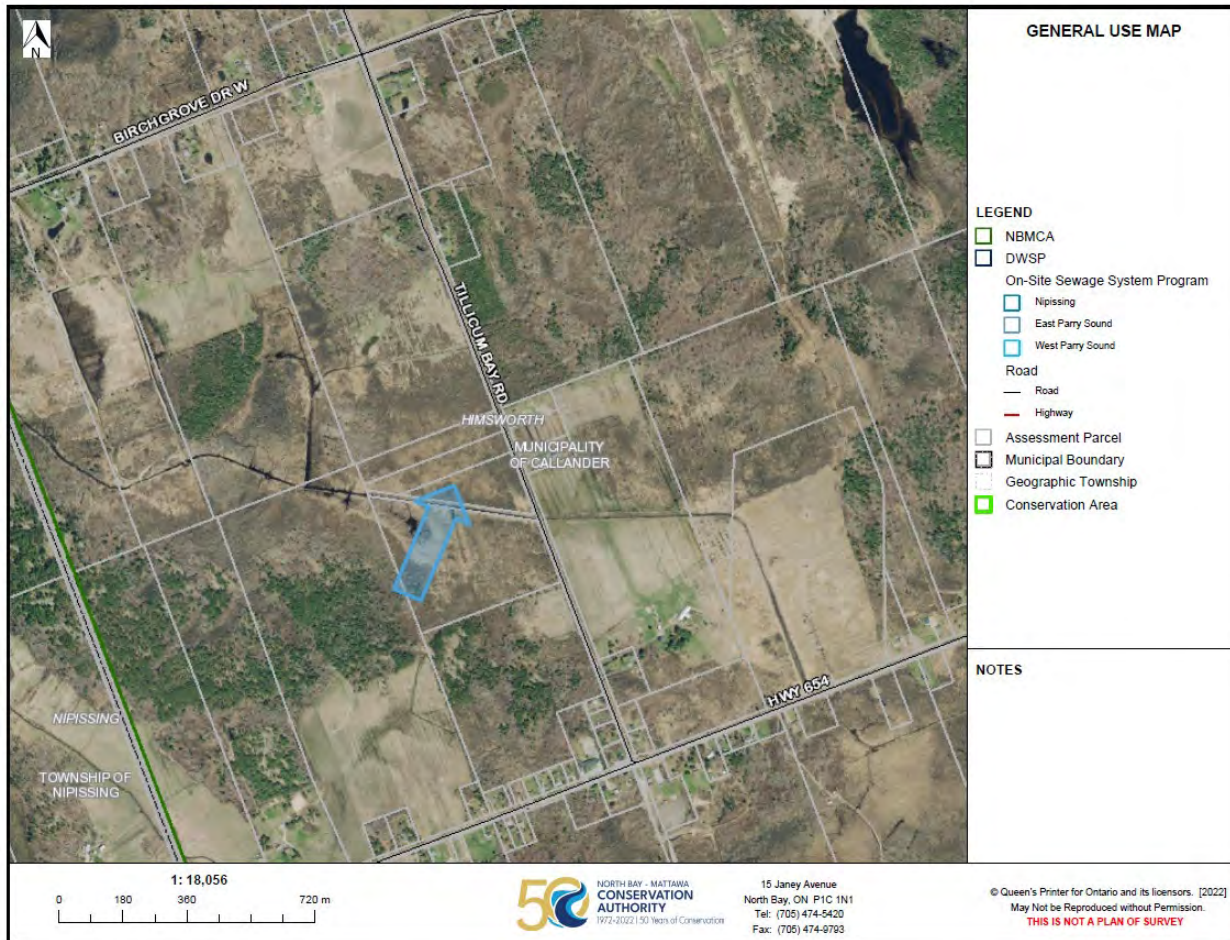


Figure 1: Proposed work area – Tillicum Bay Road

Background

The two lots are currently vacant. It has been verified that the entirety of the lots are wetland as well as floodplain. The wetland is identified as a non-evaluated wetland. The wetland has been inspected and assessed by FRi Ecological Services. The properties contain a tall-shrub swamp and narrow-leaved emergent marsh. An image supplied in the document titled Memorandum – Summary of Findings : Summary of Field Investigations and Recommendations produced by FRi Ecological Services outlines the constraints and elements of the subject properties. This image can be found in Appendix 2. A floodplain assessment has been completed by NBMCA’s Water Resources Engineer. The results of this assessment have confirmed the approximate extent of the floodplain. The floodplain for this watercourse would be considered a One-Zone floodplain. The results of this assessment can be seen in Appendix 3.

Development on the subject property is regulated by NBMCA under Ontario Regulation 177/06 (Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation) due to the presence of the wetland, the watercourse and its associated floodplain.

Ontario Regulation 177/06, under the Conservation Authorities Act of Ontario applies to this project:

Development prohibited

2. (1) Subject to section 3, no person shall undertake development or permit another person to undertake development in or on the areas within the jurisdiction of the Authority that are,

(b) river or stream valleys that have depressional features associated with a river or stream, whether or not they contain a watercourse, the limits of which are determined in accordance with the following rules:

(d) wetlands;

Permission to develop

3. (1) The Authority may grant permission for development in or on the areas described in subsection 2 (1) if, in its opinion, the control of flooding, erosion, dynamic beaches, pollution or the conservation of land will not be affected by the development. O. Reg. 177/06, s. 3 (1).

Current Policy:

Wetlands

NBMCA has a comprehensive wetland policy which can be found in Appendix G of NBMCA Policies for the Administration of O. Reg. 177/06. This policy states:

Where development is proposed within a NPSW or an unevaluated wetland, the NBMCA, will review and consider whether or not to approve the development and issue a Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Permits on the basis of the following:

i) Whether or not and how the development affects the control of flooding;

- ii) Implications relative to erosion;
- iii) Effects relative to pollution;
- iv) Interference with the hydrologic functions of the wetland.

Upon review of the proposal for development as well as the details and information supplied in the Memorandum – Summary of Findings completed by FRi Ecological Services, the above criteria have all been addressed and it has been determined that any potential impacts expected from the proposed development will be insignificant. A summary of these findings can be found in the Memorandum – Summary of Findings in Appendix 4.

Floodplains

Under NBMCA's Policies for the Administration of Ontario Regulation 177/06 development is generally directed outside of the floodplain of a One-Zone floodplain area. In this case, this proposal would be denied. Further analysis of the floodplain as well as the size and scope of the proposed development was undertaken by NBMCA's Water Resources Engineer. The findings of the floodplain mapping and assessment can be found in the following section.

Analysis

A floodplain analysis was undertaken by the Water Resources Engineer. The analysis determined that the entirety of the properties are within the floodplain associated with the watercourse running along the south side of the southern lot.

How does this relate to the One-Zone Policies:

Section 3.4.2.1, Policies for One-Zone Flood Hazard Limit state that:

Development will not be permitted within the Riverine Flooding Hazard except in accordance with the policies in Section 2.1.1 – 2.1.6 – General Policies and Sections 3.4.2.2 – 3.4.2.22 – Policies for One-Zone areas.

In Appendix E – Floodproofing and Access Standards of NBMCA’s Policies for the Administration of Ontario Regulation 177/06, Section 1.5 discusses Cut and Fill Balances. In certain cases, NBMCA may permit fill to be placed within the floodplain, provided that a cut/fill balance of the floodplain is completed to the satisfaction of the NBMCA Water Resources Engineer.

Based on hydraulic modelling completed by the Water Resources Engineer for this location, although there is a large upstream drainage area for this watercourse, the area is extremely flat. As such the floodplain is quite spread out and low in depth, generally less than 30cm in the proposed development areas.

Due to the low depth and low velocity of flow of flood waters in relation to the proposed amount and depth of fill, floodproofing can easily be achieved.

As the watercourse is already hydraulically restricted in this location by Tillicum Bay Road upstream, the proposed fill placement will not decrease the hydraulic capacity of the watercourse. As the floodplain is quite extensive and the development area is quite small in area, a cut and fill compensation, per the Floodproofing and Access Standards, would not be required. This is supported by the FRI Memorandum for the property, which states that “from a flood storage perspective, the quantity of fill is insignificant”. As such, an insignificant impact to the control of flooding would be expected based on the proposal and the subject development would be considered to have an acceptable level of risk.

Recommendations for DIA Permit for the Proposed Fill Placement, Grading and Residential Development

The objective of this proposal is to place fill within the floodplain and wetland hazard on the subject properties to accommodate residential development.

Conservation Authority staff have concluded that the supporting documentation and analyses completed by both NBMCA staff as well as professionals with FRI Ecological Services, with respect to this proposal demonstrate that the control of flooding, erosion, pollution and the conservation of land will not be negatively impacted by the proposed development.

Proposed Works as described in Application File RCALL-19-04

Based on the information submitted to this office, it is understood that the project involves the following works:

- Placement of clean fill;
- Grading of fill;
- Future residential construction.

Recommended Resolution:

THAT permit #82-22, with its General and Specific Conditions outlined in the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Application (NBMCA File RCALL-22-10), Wilma and Ron Schweitzer, Lot 26, Con 25 Tillicum Bay Road Municipality of Callander, with associated development plans and supporting Memorandum – Summary of Findings completed by FRi Ecological Services be approved and appended to the minutes of this meeting, and THAT this report be appended to the minutes of this meeting.

Proposed Specific Conditions for DIA Permit for the Proposed Development

General Conditions:

1. This permit is issued for the above works ONLY. Any further work may require additional permits from this office.
2. The subject work shall proceed as per your Development, Interference with Wetlands and Alterations to Shorelines and Watercourses application and plans received by this office (attached).
3. Any deviation from the plans submitted to the Conservation Authority or the construction schedule must be discussed with, and approved in writing by, the North Bay-Mattawa Conservation Authority.
4. This permit does not exempt the applicant from obtaining permission from other agencies having jurisdiction over the proposed works.
5. Authorized representatives of the North Bay – Mattawa Conservation Authority may, at any time, enter onto the lands which are described herein in order to make any surveys, examinations, investigations or

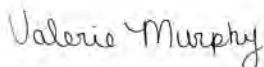
inspections which are required for the purposes of ensuring that the work(s) authorized by this permit are being carried out according to the terms of this permit.

Site Grading Conditions:

6. Sediment control measures (e.g. sediment fencing) shall be installed to isolate the work area from the surrounding wetland and watercourse prior to starting work. These measures shall remain in place and functional until the work area is stabilized.
7. All disturbed areas on the subject property shall be stabilized (e.g. re-vegetated) upon the completion of work.
8. Fill shall not be permitted on the property outside of the boundary of the proposed fill area as illustrated in the site plan map submitted to this office.
9. Any material excavated for the construction of the proposed pond shall either be placed in the approved fill area or removed from the site and not deposited into the surrounding wetland or floodplain areas.

Development Conditions:

10. Fill in the development area must be placed to an elevation of at least 201.1m to ensure the future development is above the floodplain elevation.
11. There shall be no external openings (door, window, vent) on the future dwellings below the floodproofing elevation of 201.4m.



Valerie Murphy
Regulations Officer



Kurtis Romanchuk
Water Resources Engineer



Chitra Gowda
CAO - Secretary Treasurer

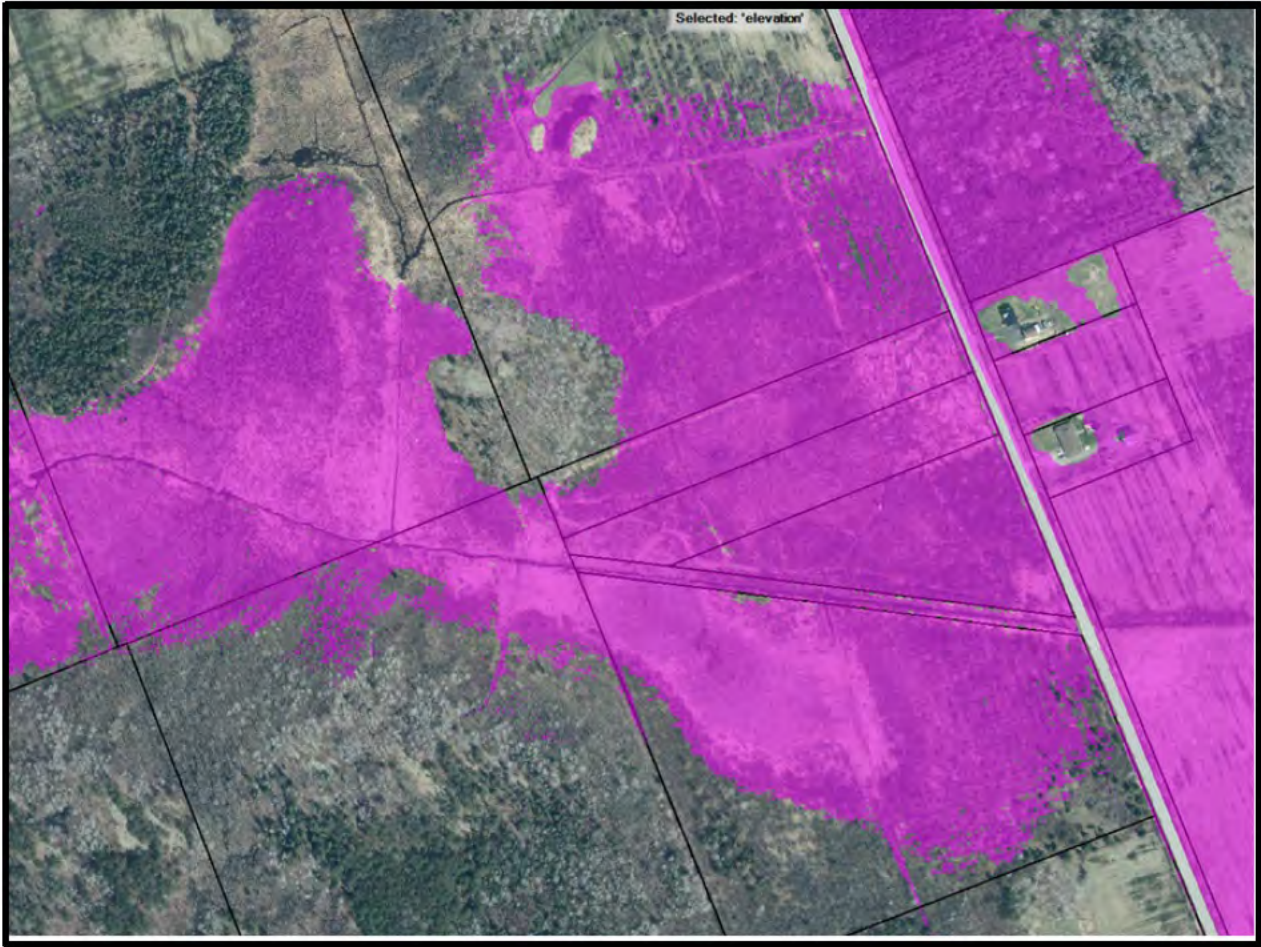
APPENDIX 2

Wetland communities and site constraints (produced by FRI Ecological Services)



APPENDIX 3

NBMCA Floodplain Assessment



APPENDIX 4

Memorandum – Summary of Findings

Summary of Field Investigations and Recommendations

MEMORANDUM - SUMMARY OF FINDINGS



TO: Ron and Wilma Schweitzer
FROM: FRi Ecological Services
AUTHOR: Susan Brownlee
DATE: June 21, 2022
SUBJECT: Summary of Field Investigations and Recommendations

Introduction

FRi Ecological Services was retained by Ron and Wilma Schweitzer to provide documentation in support of development of two lots identified as Lot 26, Concession XXV, Parts 2 and 3, Plan 42R-5821 located on Tillicum Bay Road in the Municipality of Callander (Figure 1). The development proposed for each lot includes the removal of vegetation, placing 11.8m² of fill (per lot), and constructing a dwelling and a private sewage disposal system. A pond is also being proposed on Part 2. The development envelope provided by the owner was used to screen all environmental constraints associated with the properties.

Pre-consultation with Valerie Murphy from the North Bay-Mattawa Conservation Authority (NBMCA) has identified environmental constraints associated with the subject properties. As such, additional information is required to accompany any work being proposed on the subject properties to address these constraints.

NBMCA Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation
As per the comments received by the NBMCA, the following parameters should be considered when reviewing the proposed development:

- *Whether or not and how the development affects the control of flooding;*
- *Implications relative to erosion and unstable soils;*
- *Effects relative to pollution;*
- *Impacts to dynamic beaches;*
- *Conservation of land; and Interference in any way it the hydrologic functions of a wetland.*

Additionally the properties and the adjacent area will be assessed to determine whether a review of the proposed work is needed by Ministry of Environment Conservation and Parks with respect to potential impacts to Species at risk.

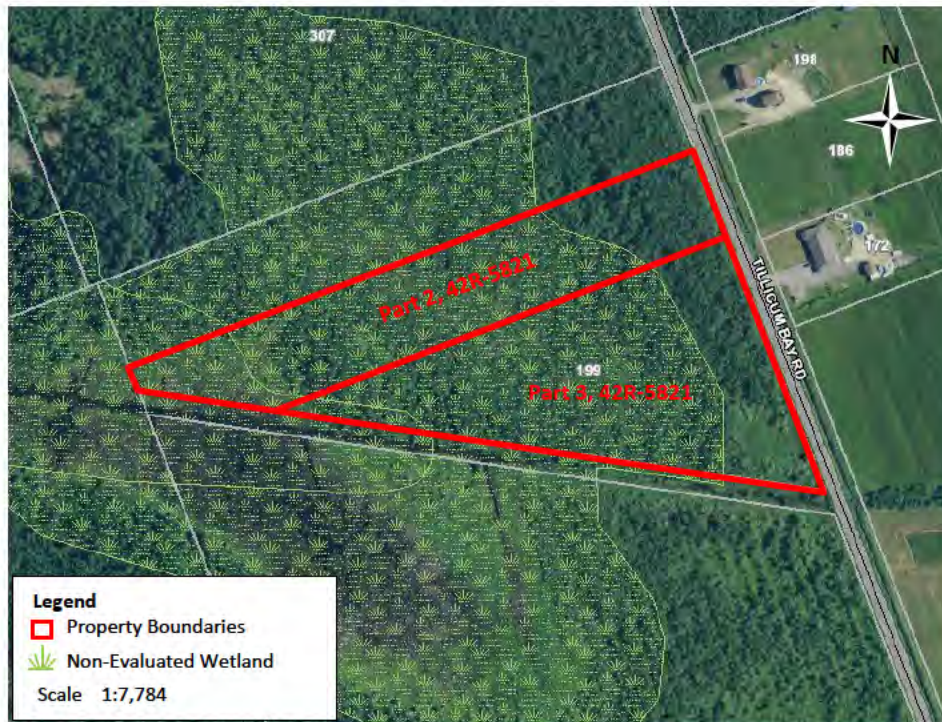


Figure 1: Subject properties with Non-evaluated Wetland delineated as per North Bay-Mattawa Conservation Authority mapping.

Approach

A desktop review of the available information related to natural heritage values on or within 1 km metres of the proposed development was conducted prior to field investigations. The following sources of information were consulted:

- Geospatial data retrieved from the Land Information Ontario (LIO) Database
- e-Bird
- i-Naturalist
- Nipissing District List of Threatened and Endangered Species
- Make-a-Map, Ministry of Natural Resources and Forestry, Natural Heritage Values
- Significant Wildlife Habitat Ecoregion 5E Criterion Schedule

The field investigations were conducted on May 10, 19 and 20, 2022. The key objective was to collect existing conditions information at the site including general topography information, wetland information as per the Ontario Wetland Evaluation System (Northern Manual), ecosites information, information related to species at risk and their associated habitat, surface water features, soil types, and depth to groundwater.

Wetland

The presence of wetland was determined following the 50 percent wetland vegetation rule which provides direction on the presence of wetland, as well as where to locate the 'line' that represents the boundary between wetland and non-wetland areas. The evaluator uses their knowledge and expertise to decide where the relative cover of vegetation is comprised of 50 percent or more wetland plants. Other factors such as

substrates and moisture can assist with this determination. Together these factors assist the evaluator in locating the wetland boundary.

Further, a wetland indicator species list was used to assign a wetness coefficient values to species identified on the site. The wetness coefficient refers to how ‘wet’ a plant can tolerate its surroundings, and how likely they are to grow in wetland conditions.

Species at Risk (SAR) & Significant Wildlife Habitat (SWH)

The provincial Natural Heritage Information Centre (NHIC) database was consulted to determine whether species at risk (SAR) were present in the vicinity of the subject properties. This screening identified the potential for one SAR and one SWH within 1km of the study area: Bobolink (Threatened) and a Colonial Waterbird Nesting Area. A habitat-based approach was employed to determine the potential for habitat for any threatened or endangered species; while field visits were used to determine the presence of any features in the area that would be used by species at risk as identified in the background research.

Field information was collected using ESRI Field Maps on a field tablet. Representative photos were taken of the subject properties and the adjacent areas. The GPS accuracy was +/-3m at the time of the survey.

Existing Conditions

Wetland

As noted above, the 50% wetland vegetation rule was used to delineate the wetland boundary on the ground. Pre-field mapping was used to assist with locating the possible boundaries and a series of photographs were captured to demonstrate the presence of wetland on the subject properties. In the case of Part 2, the non-wetland/upland area can be found in the adjacent Part 1, which has been filled to accommodate development.

Site visits confirmed that the entirety of Parts 2 and 3, 42R-5821 are wetland (Plates 1, 2, 4, 5 and 6). According to the OWES, the properties contain a tall-shrub swamp and narrow-leaved emergent marsh. These communities are identified as a Mineral Thicket Swamp (G134) as per the Ontario Ecological Classification System (see below).



Plate 2: Photo taken at Borehole 2, Part 3. Mineral Thicket Swamp.

<p>Plate 1: Photo taken at Borehole 1, Part 2. Cleared area on Part 2, 42R-5821. Photo taken facing southwest.</p>	
	
<p>Plate 3: Photo of core sample taken with auger at Borehole 2, Part 3.</p>	<p>Plate 4: Photo of ditch in Part 3, that drains southward to watercourse. Photo facing south.</p>
	
<p>Plate 5: Photo taken at Borehole 5, Part 2. Mineral Thicket Swamp.</p>	<p>Plate 6: Photo of Mineral Thicket Swamp immediately north of watercourse. Photo is facing west.</p>

Hydrology

The subject properties are located on a glaciolacustrine plain. The topography has a very low profile, draining to the south and southwest towards a watercourse that eventually makes its way to Greening’s Bay in Lake Nipissing.

A. Part 2, 42R-5821

Although the eastern portion (adjacent to road) of this lot was recently cleared of vegetation (Figure 2), the remainder of the lot remains in a natural state. This being said, the entire property is wetland (see Wetland section above). In terms of surface water features, there is a drainage channel located immediately south of

the subject property which drains in a southerly direction (Figure 2). This channel appears to be excavated to drain the area and connects to a more formalized watercourse that flows under Tillicum Bay Road, draining into Lake Nipissing at Greening's Bay.

B. Part 3, 42R-5821

Unlike Part 2 above, the natural vegetation on Part 3 remains tact, with the entire property containing wetland as defined in the OWES. There are three different wetland communities on Part 3, with communities including a Tall Shrub Swamp (tsS), and a Narrow-leaved Emergent Marsh (neM) (see Figure 2). The drainage channel identified in the description for Part 2 (above) drains in a southerly direction through the middle of this property (Figure 2). This channel enters the watercourse located at the southern property boundary, which flows in a northwesterly direction, and outlets into Greening's Bay, Lake Nipissing. This watercourse is identified as Environmental Protection Zone in the Municipality of Callander's Official Plan.

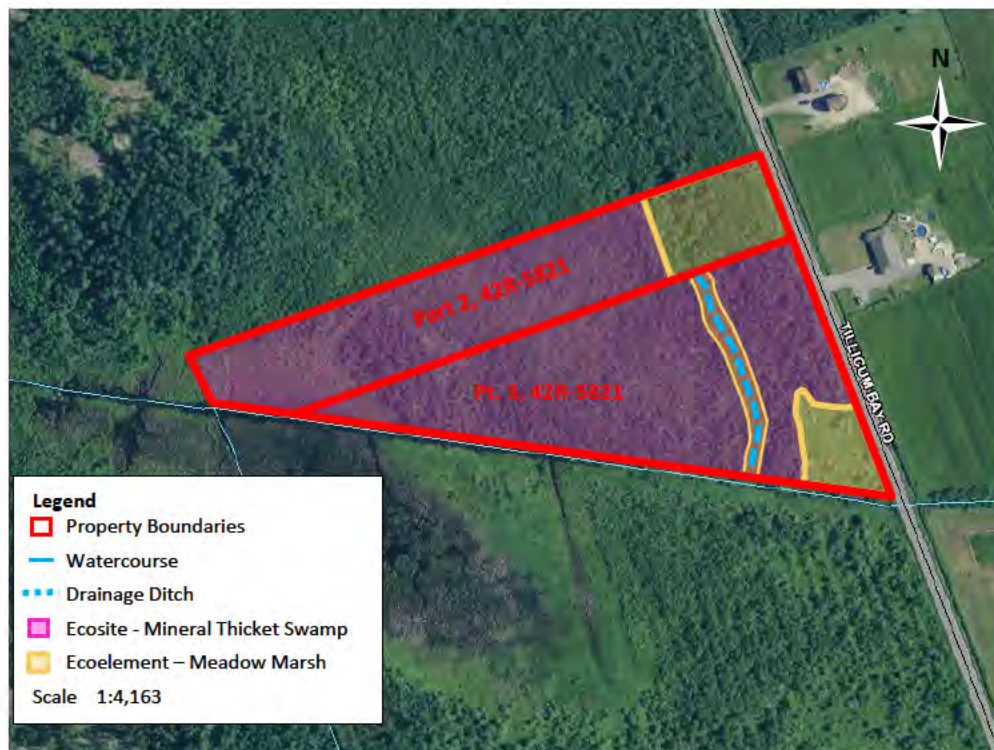


Figure 2: Image illustrating constraints including drainage ditch, watercourse, ecosites and ecoelements. Note that the Mineral Thicket Swamp corresponds to Tall Shrub Swamp as per OWES and Meadow Marsh corresponds with Narrow-leaved Emergent Marsh as per OWES.

Ecoregion and Ecological Land Classification – Mineral Thicket Swamp (G134)

The study area is located within the Georgian Bay Ecoregion (5E) of Ontario and specifically, eco-district 5E-5 (North Bay). The climate in this ecoregion is cool, temperate, and humid; with mean annual temperatures ranging from 2.8°C to 6.2°C and a growing season between 183 to 219 days. Mean precipitation ranges between 771 and 1134 mm annually.¹ The 5E-5 eco-district is situated on the Precambrian Shield and is predominantly underlain by igneous and metamorphic rock. Glaciofluvial deposits of sand and gravel are

scattered throughout with topography described as gently to moderately rolling uplands of shallow soils and bedrock knobs with interspersed sand-filled depressions. Ecological Land Classification (ELC) was conducted at a site level during field investigations to delineate the unique vegetation communities represented on the subject property. Site investigations confirmed the presence of one ecosite within the boundaries of the study area.

Although some vegetation on Part 2 has been removed, the ecosite on both Part 2 and Part 3 corresponds to ecosite G134S: Mineral Thicket Swamp. With the exception of the eco-element found on Part 2 and Part 3 (i.e. Meadow Marsh – see Figure 2), the properties are within the Ecosite Mineral Thicket Swamp (G134). Vegetation within this ecosite is dominated by Speckled Alder (*Alnus incana* spp. *rugosa*), Willow (*Salix* spp.), and Broadleaf Meadowsweet (*Spirea latifolia*). As Part 2 slopes toward the west, and Part 3 slopes toward the south/southwest, the ground becomes more saturated, which resulted in a decrease in species diversity.

Soils

Five boreholes were completed on the site to document the soils and approximate depths to groundwater. The soil profiles are indicative of lacustrine deposition (Plate 3). Table 1 below documents the soil characteristics and groundwater levels across the two properties.

Groundwater

The groundwater levels are very consistent within the areas of proposed development areas and largely dictated by the underlying poorly draining clay soils (see columns with asterisks Table 1). Infiltration is intercepted by the clay layer relatively close to the surface and these moist conditions dictate the wetland vegetation that tends to exist in these areas (Table 1). The drainage channels likely moved water more quickly towards Lake Nipissing allowing for lower quality crops and forage crops to be grown. It should be noted that surface pooling was observed as the properties graded toward the west and southwest.

Soil Layer	Auger Hole 1 Depth (cm)*	Auger Hole 2 Depth (cm)**	Auger Hole 3 Depth (cm)	Auger Hole 4 Depth (cm)	Auger Hole 5 Depth (cm)	Auger Hole 6 Depth (cm)
Surface Organics	-	0-10	0-10	0-5	Deep organic soil layer	-
Coarse Loamy	-	-	-	-	-	0-30
Clay	0+	10-30	10-25	5-40	-	30-50
Fine Loamy	n/a	30-45	25-35	-	-	-
Groundwater	>20	>30	at surface	at surface	at surface	at surface

Table 1: Soil and Groundwater Characteristics of Auger Boreholes

*Part 2 Development Area
 **Part 3 Development Area

Results and Discussion

Both Parts 2 and 3 are entirely occupied by wetland that is considered G134S: Mineral Thicket Swamp. Below are the constraints that are associated with the properties. These constraints are not only associated with wetlands, but are present on the subject property due to the high groundwater table, soil conditions, as well as their proximity to surface water features.

Surface Water, Groundwater and Soils

The Ontario Flow Assessment Tool (OFAT) was used to calculate the watershed area which the study area is centrally situated within. The drainage area of the watershed is 15.768km² with wetland and lake storage areas comprising 4.35km². The fill area represents about 0.0024km² or about 0.055% of the flood storage area in the watershed. From a flood storage perspective, the quantity of fill is insignificant.

The man-made drainage channel on Part 3 and the watercourse immediately south of Part 3 likely moved water more quickly towards Lake Nipissing allowing for lower quality crops and forage crops to be grown. This being said, as the development areas are directed away from these areas (minimum 200m from the watercourse), there are no anticipated impacts on the surface water drainage pattern or the existing watercourse.

As there is not a significant amount of organic material that would absorb and retain water for a slow release into the watershed, the discharge rates from the project area are largely determined by the topography of the area. As there is a gradual change in elevation on the subject properties toward the watercourse, it is not anticipated that detectable differences in discharge rates would occur as a result of the proposed development.

Groundwater recharge appears to be fairly limited given the relatively impermeable clay soil layer (Table 1). There may be localized areas where there are deeper recharge facilities but the soils are very consistent over the project area and there are no expected negative impacts to recharge quantity. More than 50% of the proposed development areas is constructed with granular materials that will easily pass stormwater. The buildings themselves only represent a negligible amount and it is not located directly adjacent to any surface water feature (minimum 200m away). It is expected that the generated stormwater will have ample time to percolate into the soil prior to reaching any surface water feature.

Additionally, the granular material and the stormwater generated from the roof of the proposed building will be clean and there would be no impact to water quality to either discharge or recharge. As discussed in previous sections, the low relief of the site provides slow discharges and the lands slope to the southwest that eventually meets the stream channel to the south.

Conservation of Land

The Conservation of Land regulatory tool used by the Conservation Ontario is defined as follows:

The protection, management or restoration of lands within the watershed ecosystem for the purpose of maintaining or enhancing the natural features and ecological functions and hydrologic functions, within the watershed¹

Development on the subject properties is proposed within wetland. The wetland communities are not uncommon in the area and are located throughout the subwatershed associated with the adjacent southern watercourse. Therefore, as the development envelope is small (total area = 0.0024km²), there will be no negative impacts on the natural features and ecological functions of the wetland (see below for explanation on impacts to Species at risk).

¹ Conservation Ontario (2008), April 21 2008, Draft Guidelines to Support Conservation Authority Administration of the “Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation”. Newmarket, Ontario.

Species at Risk & Significant Wildlife Habitat

The habitat of species at risk, specifically those listed as ‘endangered’ or ‘threatened’ on Ontario’s species at risk list, are afforded both species and habitat protection under the Endangered Species Act (2007). The protection of individuals of a species prohibits harming, harassing, and killing while the habitat protection provisions generally provide protection for habitat features and general habitat, and for some species, geography-specific provisions, (e.g. habitat regulation).

Special concern species and significant wildlife habitat are considered under the Provincial Policy Statement (2020) and associated *Planning Act, 1990*. Colonial waterbirds can include special concern species at risk; their habitat and the birds are afforded protection under other legislation including the *Migratory Birds Convention Act (MBCA)* and the *Fish and Wildlife Conservation Act (FWCA)*. Historically, Bobolinks lived in North American tallgrass prairie and other open meadows. However, with the clearing of prairie land, Bobolinks moved to living in hayfields, tending to build their nests on the ground in dense grasses. The site investigations were used to confirm the absence of Bobolink (Threatened) on the subject properties. Due to the nature of the sites, (i.e. wetland that is dominated either by a tall shrubs or sedges), it has been determined that these properties do not contain habitat that is suitable for Bobolink.

The Natural Heritage Information Centre (NHIC) indicated the presence of Colonial Waterbird Nesting Area within 1 km of the subject properties. The sites visits confirmed that the properties do not contain suitable nesting habitat for the Colonial Waterbirds nor was a colony present

Therefore, as the subject properties do not include habitat that is suitable for Bobolink, nor do they comprise Colonial Waterbird Nesting Areas, development can proceed without having negative impacts on these Species at risk or significant wildlife habitat.

Recommendations

As described in the above section, the development of the subject properties will not have any negative impacts on the parameters identified by the NBMCA. The following recommendations are being proposed to improve site conditions during the development and post-development phases:

- In order to encourage groundwater recharge, limit the amount of impermeable surfaces areas;
- All development should be directed away from all surface water features;
- Development areas should be stabilized as soon as possible;
- Stormwater should be directed onto the subject properties in a manner that prevents erosion from the site;
- Erosion and sediment control measures should be implemented on the subject properties in order to prevent erosion from entering into non-development areas. These measures should be installed prior to development, be maintained through the development, and remain on-site until the development areas have been stabilized;
- A pond is being proposed on Part 2. Although this pond will not have any negative impacts in terms of the flood storage or stormwater management. It is recommended that the pond be situated “off-line” (i.e. the pond should not be connected to a surface water feature) to ensure no negative hydrologic impacts for the area, as well as no negative impacts to fish or fish habitat. If this measure is incorporated into the development of these lots, there are no proposed activities that would impede or alter the conveyance of water throughout the site.

The above recommendations have been proposed to alleviate any residual effects from the development being proposed on the subject lots. If implemented properly, these measures will improve site conditions during construction, and post-construction.

Respectfully submitted,



Susan Brownlee
Environmental Specialist

TO: The Chairman and Members of the Board of Directors,
North Bay-Mattawa Conservation Authority

ORIGIN: Sue Buckle, Manager, Communications and Outreach
Troy Storms, Manager, Lands & Stewardship

DATE: August 17, 2022 Members Meeting

SUBJECT: Miskwaadesi Update – Construction Bid

Background:

In 2012, the North Bay-Mattawa Conservation Authority, the North Bay Indigenous Friendship Centre, the City of North Bay, Heritage Gardeners and Nipissing Botanical Gardens came together to create the Chippewa Creek EcoPath, a community initiative to restore and enhance the natural and heritage values of North Bay's Chippewa Creek through stewardship and education.

Recognizing the strong synergy between the First Nation's respect for water and NBMCA's mission and vision for watershed management, the plans for the EcoPath included the creation of a place that would bring together Indigenous and non-Indigenous people, to honour our shared values and heritage of Indigenous peoples in our region. Concept drawings for "Miskwaadesi" (Ojibwe for Painted Turtle) were created based on the artwork of Metis artist Tim Yearington and a space was selected on the Chippewa Creek EcoPath between Hammond and John Streets for the construction of a petroform in the shape of a turtle, signifying the creation story in many Indigenous teachings. Petroforms are shapes and geometrical patterns made from arranging rocks, originally made by First Nations people for astronomical, sacred, healing and teaching purposes.

In 2021, the Federal government created the Canada Community Revitalization Fund (CCRF), to build and improve community infrastructure so that communities can rebound from the effect of the COVID-19 pandemic. As a unique, outdoor, accessible, community space, where Indigenous and non-Indigenous can gather in reconciliation and learning, Miskwaadesi met the fund criteria. In addition to the petroform, Miskwaadesi includes a stone seating amphitheater, 4 cedar poles marking the four directions, a flagpole, gardens of traditional plants, and a walkway to the creek. Individuals, schools and community groups will be able to use the space to undertake a multitude of events and activities from environmental education to outdoor art exhibitions to Indigenous celebrations. Its uniqueness has the markings of a regional destination to add to the tourism and cultural amenities in the region.

NBMCA partnered with the North Bay Indigenous Friendship Centre (NBIFC) to make application to the FedNor-administered Fund. A Memorandum of Understanding between NBIFC and NBMCA is in place with NBIFC as the lead applicant. NBMCA is responsible for project and financial management, construction oversight and quarterly reporting to NBIFC and FedNor. Once constructed, NBMCA is responsible for the maintenance and management of the site, while NBIFC is responsible for all



Indigenous cultural activities at the site. In July 2021, an application was submitted for the first phase of the application process. FedNor approved the application going forward into Phase 2 of the approval process. The NBMCA Board approved the Phase 2 application by resolution on September 22, 2022. The NBIFC Board approved the application in September as well. On December 14, 2021, NBIFC received notification of approval from FedNor. Deadline for project completion is March 2023.

Analysis

Architects:

Larocque, Elder Architect (LEA), selected as the architects for Miskwaadesi, met with NBMCA and NBIFC representatives to ensure the design reflected the expectations and needs of both NBMCA and NBIFC. LEA took the original 2012 concept drawings to complete final designs and construction drawings in May 2022.

Two unforeseen factors have affected the completion of Miskwaadesi due to the COVID-19 pandemic's impact on both the commercial and residential construction industry:

1. High demand for, increased costs and limited availability of construction contractors
2. Increased cost and limited availability of construction materials, specifically the flagstone for the petroform

Flagstone:

The granite flagstones for Miskwaadesi's "skutes" proved to be an elusive find. Several suppliers provided quotes which far exceeded the budget and were unable to deliver in 2022, both problematic as the project has a March 2023 deadline from the funder.

Upon further investigation, a source for the granite flagstones was located in Sundridge which has the size and quality of stones needed in stock from its own quarry near River Valley. The quote received is very reasonable.

Contractors Bid:

The project first went to bid for contractors in June 2022. Twelve contractors attended a mandatory site meeting, six indicated an interest in bidding and were provided with the bid package. On closing day, no bids were received. No emails were received to indicate the reason for not participating. Follow up phone calls to the prospective bidders indicated the contractors were extremely busy with existing projects, the timeline for completion was too tight, and the availability of the granite flagstone materials was limited.

Following discussions with the funder, the architect and NBIFC, the decision was made to revise the scope of the project, creating two phases:

- Phase 1: Turtle petroform, four cedar posts, flagpole, stone dust path, slope stabilization for the Amphitheatre (2022)
- Phase 2: Amphitheatre seating (Future)

The bid information was reissued to the six contractors who had indicated an interest in bidding on the original scope:

Bids Reissued:	July 22, 2022
Bidders Meeting:	July 26, 2022 (4 attended)
Bid Closed:	August 5, 2022 (2 submitted; 2 declined)
Bids Received:	Canor Construction \$108,652.14 Ed Seguin & Sons: \$134,514.83

Project Budget

The original project budget of \$155,085 has been revised to \$203,812 due to the increased cost of construction and construction materials.

Staff are confident the \$48,727 difference can be accounted for as follows:

At the time of writing this report (August 8, 2022) discussions with Canor Construction and several community partners suggest we can cover this difference through cost savings and funding from other sources.

- Following a meeting with Canor, the contractor and NBMCA are exploring additional cost savings which may be realized through the donation of construction materials from local suppliers; an estimated \$15,000 may be realized from these donations
- Additional funding sources are being explored to realize the remaining \$33,727. At the time of writing this report, tentative commitments for \$12,000 has been made by several organizations in support of the project, leaving a balance of \$21,727 to be raised through private donations from individuals, businesses, social service organizations and foundations, wishing to support the completion of Miskwaadesi. Staff are confident that working in collaboration with the NBIFC, this is achievable.

Miskwaadesi's uniqueness, cultural significance, central location, and sensitivity to reconciliation in these times strikes a chord with many community partners.

Miskwaadesi has already seen contributions from a variety of partners:

- Budget for Larocque Elder Architects has been expended; LEA is committed to seeing this project to completion and is providing further services pro bono;
- Canor Construction's bid includes discounts and pro bono contributions of construction materials.
- The City of North Bay (CNB) was involved in the planning of Miskwaadesi in 2012 and CNB staff have been part of the planning committee again in 2022. CNB owns the land upon which Miskwaadesi will be built and has granted permission to NBMCA for the construction of Miskwaadesi and the ongoing use of the land.
- Creative Industries provided a letter of support for the FedNor grant application and is exploring additional options for funding with NBMCA to complete this project.
- North Bay Parry Sound District Health Unit has offered \$5,000 as Miskwaadesi fits with its Indigenous health programming goals; additional funds are currently being considered.

Significance of Miskwaadesi

Miskwaadesi's uniqueness has the potential to be a destination feature within the region. In addition to acknowledging the cultural heritage of Indigenous peoples, it will draw attention to the importance of water and watershed management and the work of NBMCA as watershed managers. Its uniqueness, cultural significance, central location, and sensitivity to reconciliation in these times strikes a chord with many community partners and contributions have been made by those involved in the project and other community members.

Miskwaadesi will be an asset to NBMCA's Chippewa Creek EcoPath, fulfilling a 2012 community vision for a place along Chippewa Creek where the cultural and heritage value of Chippewa Creek will be honoured.

Recommendation

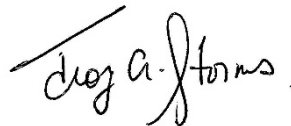
It is recommended that Members receive and accept the Miskwaadesi Construction Bid Report and attach it to the minutes of this meeting.

RECOMMENDED RESOLUTION:

That the Members receive and accept the Miskwaadesi Construction Bid Report, and further authorize staff to finalize an agreement with Canor Construction for the construction of Phase 1 of Miskwaadesi in accordance with this report.



Sue Buckle
Manager, Communications & Outreach



Troy Storms
Manager, Lands & Stewardship

TO: The Chairman and Members
of the Board of Directors,

North Bay-Mattawa Conservation Authority

ORIGIN: Chitra Gowda, CAO, Secretary Treasurer

DATE: August 5, 2022

SUBJECT: Reserve Approval Request from Laurentian Ski Hill Snowboarding Club

Background:

The North Bay-Mattawa Conservation Authority (NBMCA) holds two reserve accounts for the Laurentian Ski Hill Snowboarding Club (LSHSC). One is to assist with operational expenses and the other is to help with NBMCA owned capital asset expenses. The agreement between NBMCA and LSHSC is such that borrowing from the reserve accounts require NBMCA approval. The agreement also requires that LSHSC provide NBMCA with (a) monthly balance sheets and income statements with budget comparisons delivered within 5 weeks following the month end, and (b) audited financial statements within reason of its April 30 year end.

NBMCA received a request on June 30, 2022, from LSHSC to use the NBMCA capital reserve for the ski hill, towards the replacement of light posts. LSHSC provided a related quote for \$103,709.48. NBMCA members discussed the request at its July 7, 2022 meeting and recommended that the LSHSC obtain another quote.

The LSHSC has since been investigating how to upgrade the light posts, lighting and electric receptacles for snow making equipment. They received quotes exceeding \$400,000 due to the nature and extent of the work. On August 9, 2022 the NBMCA received a request from LSHSC for \$125,000 from the NBMCA capital reserve for the ski hill, towards the replacement of priority light posts and lighting work this fall, to operate a safe night-skiing environment for the 2022-23 season. The LSHSC plans to develop an engineering sealed plan to identify detailed costing and timelines to undertake the rest of the work. Further, the LSHSC has requested NBMCA support to fund this CA

capital asset infrastructure upgrade.

Analysis:

Staff analysis involves reviewing (1) the current operating and capital reserves (non levy) at NBMCA for the LSHSC and (2) the financials information from LSHSC.

- 1) The NBMCA non levy capital reserve for the ski hill currently has \$308,894.00 in the account as of end of June 2022. This could be used towards the requested \$125,000 to replace priority light posts and lighting for the 2022-23 skiing season.
- 2) The financials information received from the LSHSC indicates a deficit during January to June 2022 and a modest surplus during July 2022. Their unaudited year end balance for 2021 is approximately \$13,000.00 and delays with the auditor may push the completed audit to September 2022 at the earliest.

Recommendation:

Staff is recommending that the Board approve the request for \$125,000.00 from the non levy capital reserve towards priority light post and lighting replacement work.

RECOMMENDED RESOLUTION:

That the Members receive and accept the Staff Report regarding the Laurentian Ski Club Snowboarding Club's request for \$125,000.00 from the non-levy capital reserve towards priority light post and lighting replacement work.



Chitra Gowda

CAO / Secretary-Treasurer

Dear Chitra & NBMCA Members,

On behalf of the LSHSC Board of Directors and Management Team we would like to request \$125,000 for mandatory upgrades to the post and lighting on the ski hill. This CA asset has been deteriorating over the years and as such we are unable to provide safe night skiing to our guests. The posts are past their life span and many of the lights are burnt out or are not running at full capacity. Last season we rented lights on generators as the posts were unsafe to climb to replace the lights.

As directed by NBMCA, our team has undertaken the required steps to investigate how to upgrade this asset and have uncovered the magnitude of such work. At LSH expense, we had surveying work conducted on the hill and AutoCad designs created to support the planning process. We received quotes for new posts and an electrical/lighting upgrade. The costs to perform the work prohibits LSHSC from moving forward as exceed \$600,000.

Moving forward, we are proposing a phased-approach for this infrastructure upgrade. We have formed a partnership with Syctr a local company inclusive of an electrician, contractors and partnership with Suppa Engineering. We are currently undertaking an assessment of critical posts and lights that must be replaced to operate safely this 2022-23 season. Immediate risks will be mitigated by replacing the priority areas this fall. Remaining infrastructure enhancements will start next spring in a phased process based on capital funding and budgets.

We are requesting \$125,000 from the LSHSC Capital Reserve account to conduct high priority work this fall. This will ensure we are able to operate a safe night-skiing environment based on the required standards. Without the opportunity to offer night-skiing we will have a significant decrease in revenues inclusive of lift tickets, season passes and corporate ski-nights. Following this short-term upgrade we will develop an engineering sealed plan which will identify detailed costing and timelines to undertake the rest of the work. This includes trench work, underground electrical, excavating, adding electrical outlets on the posts for the new snow guns equipment, electrical upgrades, and replacement of the remaining posts/lights. Following the completion of this engineering plan we request NBMCA support to fund this CA infrastructure upgrade.

In the short-term, we would like to request LSHSC representation at your upcoming August 17th Board Meeting to provide a verbal update about the requirements and next steps. We would like to answer any questions about the attached quotes and ensure the NBMCA Membership have an accurate understanding about the requirements. We value our partnership with the NBMCA and feel that open communication about such a large project is critical.

Thank you for your ongoing support. I look forward to your response.

Karen Jones

General Manager

Laurentian Ski Hill

Email dated August 9, 2022

AULTMAN RENTAL

1753443 Ontario Inc.
 120 Pioneer Road
 REDBRIDGE, ONTARIO P0H 2A0
 Phone 705.663.2763

aultman.rental@gmail.com

ECRA LICENCE # 7005008

QUOTE

Quote No.: 1046
 Date: 27/06/2022
 Page: 1

Sold To:

Laurentain Ski Hill
 Cam Graham
 15 Janey Ave.
 North Bay, Ontario P1C 1N1

Item No.	Quantity	Description	Tax	Unit Price	Amount
	1	Attention: Ryan Moir To supply equipment, labour and materials to install 40 35' Class 5 poles. Install approximately 1310 meters of trench. Note: Lights, Wiring and installation to be done by electrician NOTE: Extras – cost plus 15% If sufficient depth is unattainable due to rock – cost plus 15% As material pricing fluctuates this quote is based on current pricing. If price increases at time of installation cost will be added as extra. NOTE: Payment due upon completion. If quote is accepted please sign below and email to aultman.rental@gmail.com. Thank You Subtotal:	H	91,778.30	91,778.30
		H - HST 13% HST			11,931.18
AULTMAN RENTAL HST: #80951 0951 RT0001					
Comments Quoted price valid for 60 days .				Total Amount	103,709.48

Riverside Electrical 2600604 Ontario Inc.
 700B Riverbend Road
 North Bay ON P1B8Z4
 705-499-1765
 riversideelectrical705@gmail.com
 GST/HST Registration No.: 790498489RT0001

Estimate

ADDRESS

Ryan Moir
 Laurentian Ski Hill
 15 Janey
 North Bay Ontario P1C1N1

ESTIMATE # 1787
DATE 03/08/2022

ACTIVITY	QTY	TAX
Services	1	HST ON
Quote is for installation of 80 lights and 14 receptacles for snow making machine (Intending for only 7 to be used at a time) **Poles and excavation not included**		

Quote is for installation of 80 lights and 14 receptacles for snow making machine (Intending for only 7 to be used at a time) **Poles and excavation not included**	SUBTOTAL	424,200.00
	HST (ON) @ 13%	55,146.00
	TOTAL	\$479,346.00

Payment schedule to be discussed

Thanks for the opportunity
 Robert Loeffen

Please respond to this email to ensure that it has been received

Estimate valid for 5 business days

TAX SUMMARY

	RATE	TAX	NET
	HST (ON) @ 13%	55,146.00	424,200.00

Accepted By

Accepted Date



Customer: Laurentian Ski Hill

Project: Capital Projects 2022

My proposal includes;

- Site coordination with all selected trades.
- Create a functional, achievable schedule for all parties to follow.
- Help to create a multi-year plan for staging efforts to maintain the operation of the ski hill.
- Scheduling working forces, material deadlines, and construction milestones.
- Provide input with trades to ensure a smooth construction process.
- Continued communication with the design team to maintain a professional relationship.
- Site meetings as required for proper progress of project.
- Coordinate site inspections with governing parties.
- Help to select and action owner supplied new equipment and follow up with ordering.
- Facilitate with current operations to minimize any down time.
- Organize the best plan for reusing existing material vs down time associated reusing material.
- Provide input to the board on possible avenues to save capital costs.
- Continue to monitor construction costs and contracts to stay withing budget.

As part of the above I have created a brief summary of budget number to consider.

Lighting

New wooden poles throughout the complete hill. (40 in total)

Excavation, backfill and direct burial cables.

New lighting (94 in total)

ESA permits

Engineering cost

Budget cost for above is \$384,888.00 Plus HST

Snow Making Equipment Power

Receptacles placed in various locations throughout the hill (17 in total)

Excavation, backfill and direct burial cables.

New distribution panel mid hill for proper branch circuit routing.

ESA permits

Engineering cost

Budget cost for above is \$338,684.00 Plus HST

SYCTR will be ready to hit the ground running and will continue to follow all details through to the end.

Addendum to Appendix #6 of the August 17, 2022 NBMCA board meeting

Background:

An updated capital funds request was received from the Laurentian Ski Hill and Snowboarding Club, through an email to staff from Emma Jones of Karen Jones Consulting on August 15, 2022. This request is for \$200,000 plus HST based to replace priority lighting and electric work in time for the 2022-23 season. Please see the next page.



Customer: Laurentian Ski Hill

Project: Capital Projects 2022 Phase one

My proposal includes;

- Site coordination with all selected trades.
- Create a functional, achievable schedule for all parties to follow.
- Help to create a multi-year plan for staging efforts to maintain the operation of the ski hill.
- Scheduling working forces, material deadlines, and construction milestones.
- Provide input with trades to ensure a smooth construction process.
- Continued communication with the design team to maintain a professional relationship.
- Site meetings as required for proper progress of project.
- Coordinate site inspections with governing parties.
- Help to select and action owner supplied new equipment and follow up with ordering.
- Facilitate with current operations to minimize any down time.
- Organize the best plan for reusing existing material vs down time associated reusing material.
- Provide input to the board on possible avenues to save capital costs.
- Continue to monitor construction costs and contracts to stay within budget.

As part of the above I have created a brief summary budget number to consider that could possibly save your night skiing this 2022-2023 year. I would further recommend that nothing be touched on the remainder of the hill this year.

- Change 2 poles at top of hill.
- Change all fixtures down centre run as shown on diagram below.
- Add fixtures on upper 3 poles to add lighting across top of hill. These types will be confirmed with proper lighting calculations.
- Excavation of one complete line up hill as shown.
- Direct burial cable installed to refeed all lighting.
- Direct burial cable installed for following year snow making receptacles.
- Engineering.
- Locates for water lines.
- Lift budgeted at \$10,000.00. Pricing has not been confirmed.
- Contingency for unforeseen conditions of \$40,000.00 has been included.

Budget cost for above is \$200,000.00 Plus HST

SYCTR will be ready to hit the ground running and will continue to follow all details through to the end.

