



## May LRCA Board Meeting

Lakehead Region Conservation Authority  
130 Conservation Road/Microsoft Teams  
May 31, 2023 4:30 p.m.

### 1. CALL TO ORDER

Declaration: "The Lakehead Region Conservation Authority respectfully acknowledges that the lands on which we live and work are the traditional lands of the Anishinabek Nation and the traditional territory of Fort William First Nation, signatory to the Robinson-Superior Treaty of 1850.

As Partners in the conservation and protection of the Lakehead Watershed along with the First Nations communities, the Metis Nation of Ontario, and other Indigenous peoples, the LRCA is committed to the common vision of a healthy, safe and sustainable Lakehead Watershed."

### 2. ADOPTION OF AGENDA

*THAT: the Agenda be adopted as published.*

### 3. DISCLOSURE OF INTEREST

### 4. MINUTES OF PREVIOUS MEETING.....4

*THAT: the Minutes of the Lakehead Region Conservation Authority Fourth Regular Meeting held on Thursday, April 20, 2023 be adopted as published.*

04-20-23 Minutes.pdf ..... 4

### 5. IN-CAMERA AGENDA

*THAT: we now go into Committee of the Whole (In-Camera) at\_\_\_\_\_p.m.*

*THAT: we go into Open Meeting at\_\_\_\_\_p.m.*

*THAT: the In-Camera Minutes of the Lakehead Region Conservation Authority February 22, 2023 meeting be adopted as published.*

## 6. BUSINESS ARISING FROM PREVIOUS MINUTES

None.

## 7. CORRESPONDENCE

### 7.1. Arthur Shewchuk Memorial Bursary ..... 9

The 2022-2023 recipient of the Arthur Shewchuk Memorial Bursary was Dilip Thakur, who is enrolled in fourth year Bachelors in Mechanical Engineering.

Arthur Shewchuk Memorial Bursary Recipient.pdf..... 9

## 8. STAFF REPORTS

### 8.1. Parking Lot and Paved Trail Project at Cascades Conservation Area - Award Recommendation 11

***THAT:** the Contract for Parking Lot and Paved Trail Project at Cascades Conservation Area be awarded to Bruno's Contracting (Thunder Bay, Ontario) Limited at a cost of \$268,691.00 plus HST **AND FURTHER THAT** funds will be appropriated from the Conservation Area Maintenance Capital Reserve.*

CONAREA-02-2023 Parking Lot and Paved Trail Project at Cascades Conservation Area Contractor Award.pdf ..... 11

Tender-Recommendation-Letter-April-24-23.pdf ..... 14

### 8.2. Management of Floodplain Models and Mapping Project - Award Recommendation

A Staff Report will be provided at the meeting summarizing received bids for the Management of Floodplain Models and Mapping Project, along with a staff recommendation for consideration and approval.

### 8.3. Purchase of a 2023 Toro TITAN Riding Mower ..... 16

***THAT:** the quote from Northern Turf Equipment for a 2023 Toro TITAN 60-inch zero turn riding mower at a cost of \$8,700.00 plus HST be accepted **AND FURTHER THAT** funds will be appropriated from the Vehicle and Equipment Reserve.*

VE-1-2023 Purchase of 2023 Toro TITAN Riding Mower.pdf ..... 16

## 9. CHIEF ADMINISTRATIVE OFFICER'S REPORT

### 9.1. Monthly Financial Report ..... 19

Monthly Financial Report April.pdf ..... 19

**10. PASSING OF ACCOUNTS..... 20**

***THAT:** having examined the accounts for the period April 1, 2023 to April 30, 2023 cheque #2876 to #2896 for \$90,856.66 and preauthorized payments of \$116,666.95 for a total of \$207,523.61, we approve their payment.*

Passing of Accounts April.pdf ..... 20

**11. REGULATORY ROLE**

Plan Input and Review Program comments and Section 28 Permits issued since last meeting summaries.

**11.1. Plan Review Commenting Summary ..... 21**

Plan Input and Review Yearly Summary.pdf .....21

**11.2. Section 28 Permit Summary..... 23**

April Permit Tracking Log 2023.pdf .....23

**12. PROJECTS UPDATE**

**12.1. Communications Manager..... 24**

Communications Manager May 2023 Agenda Project Update.pdf .....24

**12.2. Lands Manager ..... 25**

Lands Manager May 2023 Agenda Monthly Project Update.pdf.....25

**12.3. Watershed Manager ..... 26**

Watershed Manager May 2023 Agenda Project Update.pdf.....26

**13. NEW BUSINESS**

**14. NEXT MEETING**

Wednesday, June 21, 2023 at 4:30 p.m.

**15. BOARD TRAINING**

Board training will be provided on Land Management (Conservation Areas, Conservation Area Regulation, Forest Management) and the Neebing-McIntyre Floodway.

It is proposed to host a Board Tour of Conservation Areas, Floodway and other LRCA owned properties over two days. Dates to be determined at the meeting.



**16. ADJOURNMENT**

**THAT:** *the time being* \_\_\_\_\_ *p.m. AND FURTHER THAT there being no further business we adjourn.*



## **April LRCA Board Meeting Minutes**

April 20, 2023 at 4:30 PM

130 Conservation Road/Microsoft Teams

### **Members Present:**

Albert Aiello, Grant Arnold, Donna Blunt, Rudy Buitenhuis, Dan Calvert, Sheelagh Hendrick, Brian Kurikka

### **Members Present (Remote):**

Robert Beatty  
Trevor Giertuga  
Jim Vezina

### **Absent:**

Greg Johnsen

### **Also Present:**

Tammy Cook, Chief Administrative Officer  
Ryne Gilliam, Lands Manager  
Ryan Mackett, Communications Manager  
Melissa Hughson, Watershed Manager  
Mark Ambrose, Finance Manager, (Virtual)  
Melanie O'Riley, Administrative Clerk/Receptionist, recorder of Minutes  
Michelle Willows, Environmental Planner, part of meeting  
Rozy Brizi, Auditor, Grant Thornton, part of meeting

### **1. CALL TO ORDER**

The Chair called the Meeting to order at 4:30 p.m.

### **2. ADOPTION OF AGENDA**

The Agenda was amended to add 9.2: 2022 Audited Financial Statements.

***THAT:** the Agenda be adopted as amended.*

**Motion: #52/23**

Motion moved by Rudy Buitenhuis and motion seconded by Brian Kurikka. **CARRIED.**

**3. DISCLOSURE OF INTEREST**

None.

**4. MINUTES OF PREVIOUS MEETING**

***THAT:** the Minutes of the Lakehead Region Conservation Authority Third Regular Meeting held on Wednesday, March 29, 2023 be adopted as published.*

**Motion: #53/23**

Motion moved by Grant Arnold and motion seconded by Rudy Buitenhuis. **CARRIED.**

**5. IN-CAMERA AGENDA**

No In-Camera Meeting was held.

**6. BUSINESS ARISING FROM PREVIOUS MINUTES**

None.

**7. CORRESPONDENCE**

None.

**8. STAFF REPORTS**

**8.1 Contaminant Levels Found in Fish in Thunder Bay Project**

Michelle Willows, Environmental Planner, gave a brief overview related to the funding received from Environment and Climate Change Canada, to engage communities on building and sharing knowledge around contaminants found in fish within Thunder Bay (Lake Superior).

***THAT:** Staff Report STEW-01-2023 be received.*

**Motion: #54/23**

Motion moved by Brian Kurikka and motion seconded by Grant Arnold. **CARRIED.**

## **9. CHIEF ADMINISTRATIVE OFFICER'S REPORT**

### **9.1. Monthly Treasurer's Report**

Members were provided with the monthly Treasurer's Report for March's Administration and Capital.

### **9.2. 2022 Audited Financial Statements**

Members reviewed and discussed Staff Report FIN-08-2023 related to the 2022 Audited Financial Statements. Rozy Brizi, Grant Thornton Auditor, presented the Financial Statements to the Board.

***THAT: the 2022 Audit Report and Financial Statements are adopted and presented AND FURTHER THAT each Member Municipality will be forwarded a copy of the final version.***

**Motion: #55/23**

Motion moved by Rudy Buitenhuis and motion seconded by Grant Arnold. **CARRIED.**

## **10. PASSING OF ACCOUNTS**

***THAT: having examined the accounts for the period March 1, 2023 to March 31, 2023 cheque #2845 to #2875 for \$65,776.48 and preauthorized payments of \$111,517.77 for a total of \$177,294.25, we approve their payment.***

**Motion: #56/23**

Motion moved by Dan Calvert and motion seconded by Albert Aiello. **CARRIED.**

## **11. REGULATORY ROLE**

Members were provided with the summaries for the Plan Input Review program and Section 28 permits issued since last meeting.

## **12. PROJECTS UPDATE**

### **12.1. Communications Manager Projects Update**

Members reviewed and discussed the 2022 Annual Report.

***THAT: the 2022 Lakehead Region Conservation Authority Annual Report be approved.***

**Motion: #57/23**

Motion moved by Albert Aiello and motion seconded by Dan Calvert. **CARRIED.**

It was noted that the Spring Water Awareness Program was administered to 243 students from 11 classes and 7 schools.

It was noted that the LRCA was successful in receiving \$16,000.00 in sponsorship from OPG for various LRCA initiatives.

It was noted that the LRCA was successful in receiving \$17,000.00 in funding from the TD Friends of the Environment Fund for the 2023 Watershed Explorers program. It was also noted that some of the 2023 programs have been modified to become “Two-Eyed Seeing Watershed Explorer” programs as the LRCA has partnered with Indigenous Elders for expert-led guided hike programs, incorporating traditional Indigenous Ways of Knowing alongside Western methods of scientific observation.

It was noted that the CLE Home and Garden Show was very successful. Over 989 people were spoken to over the course of the three-day event.

## **12.2. Lands Manager Projects Update**

Members were provided an update related to the hiring of seasonal maintenance staff.

## **12.3. Watershed Manager Projects Update**

Members were advised that the LRCA has prepared a Watershed Report. This report on watershed conditions is produced every five years and is a summary of the state of the watershed’s forests, wetlands and water resources. It was noted that overall the Lakehead Watershed is in very good condition.

It was noted that the April 1, 2023 snow surveys indicated that the snow survey locations were above average for snow depth and water content, when compared to the historical averages for April 1.

It was noted that a Watershed Conditions Statement - Water Safety was issued on April 11, 2023, and the Spring Melt Meeting was held on April 13, 2023. A Flood Watch was issued on April 14, 2023.

## **13. NEW BUSINESS**

None.

## **14. NEXT MEETING**

Wednesday, May 31, 2023.



**15. BOARD TRAINING**

Members were provided with the third session of Board of Directors training. The focus was on Development Regulations and Plan Input and Review Programs.

**16. ADJOURNMENT**

***THAT:*** *the time being 5:52 p.m. AND FURTHER THAT there being no further business we adjourn.*

**Motion: #58/23**

Motion moved by Dan Calvert and motion seconded by Albert Aiello. **CARRIED.**

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Chair

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Chief Administrative Officer

May 3, 2023

Tammy Cook

Lakehead Region Conservation Authority  
130 Conservation Rd  
PO Box 10427  
Thunder Bay ON P7B 6T8



Dear Tammy,

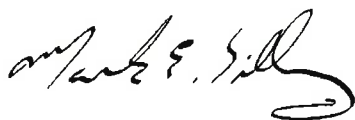
I hope this letter finds you well and in good spirits. I am writing to share some wonderful news with you. A student recipient(s) of your generous award has expressed their gratitude by writing a **heartfelt thank you** note to you.

Your support has made a **significant impact** on the student's academic journeys, and they are incredibly grateful for the financial assistance that you have provided. This funding has allowed them to continue to pursue their dreams and aim for their full potential, which may not have been possible without your kindness.

**Your generosity** is a testament to your commitment to Lakehead's mission of providing exceptional and unconventional post-secondary education to our students. Your donations have not only provided financial assistance but have also served as **a source of encouragement and motivation for our students.**

On behalf of Lakehead University and our students, I want to express our **sincerest gratitude** for your support. You have made a positive impact on the lives of our students, and on the world-wide communities they serve.

Warm regards,

A handwritten signature in black ink, appearing to read "Mark E. Tilbury".

Mark Tilbury, MA, CFRE  
Alumni and Annual Giving Director



## Arthur Shewchuk Memorial Bursary

### A note of gratitude from your 2022–2023 Student Bursary Recipient

*Thank you for making the Arthur Shewchuk Memorial Bursary possible.*

*I am enrolled in Bachelors in Mechanical Engineering, currently in my 4th year and very excited to graduate next year. My aim is to become a certified professional engineer, and I am planning to pursue my masters after I graduate. However, I am also planning to join a mechanical engineering company to get hands-on experience.*

*This award is going to help me in my financial needs, it means a lot to me. Thank you so much for the Arthur Shewchuk Memorial Bursary.*

*Sincerely,*

*Dilip Thakur*



<b>PROGRAM AREA</b>	Conservation Areas	<b>REPORT NO.</b>	CONAREA-02-2023
<b>DATE PREPARED</b>	May 3, 2023	<b>FILE NO.</b>	18-17-4
<b>MEETING DATE</b>	May 31, 2023		
<b>SUBJECT</b>	Parking Lot and Paved Trail Project at Cascades Conservation Area– Award Recommendation		

## RECOMMENDATION

### Suggested Resolution

***“THAT: the Contract for Parking Lot and Paved Trail Project at Cascades Conservation Area be awarded to Bruno’s Contracting (Thunder Bay, Ontario) Limited at a cost of \$268,691.00 plus HST AND FURTHER THAT funds will be appropriated from the Conservation Area Maintenance Capital Reserve.”***

## LINK TO STRATEGIC PLAN

Links to the Strategic Plan (2023-2027):

*Conserve and Sustain:*

- *Manage landholdings through systemic evaluations, inventories and strategies.*

*Connect and Explore:*

- *Provide spaces, opportunities and experiences that focus on physical and mental well-being through a connection to the land.*

## EXECUTIVE SUMMARY

On February 22, 2023, eight contractors (Bruno’s Contracting (Thunder Bay, Ontario) Limited, Pioneer Construction Inc., Nadin Contracting Ltd., Taranis Contracting Group Ltd., PNI Contracting Ltd., JFT Contracting Inc., RML Contracting Ltd. and Pete’s Backhoe Service Ltd. were invited to quote on the Parking Lot and Paved Trail Project at Cascades Conservation Area. Three bids were received. Contract Administrator, Hatch and LRCA Staff recommend awarding the contract to the lowest bidder, Bruno’s Contracting (Thunder Bay, Ontario) Limited, for a total cost of \$273,419.96, with additional funds to be appropriated from the Conservation Areas Maintenance Capital Reserve.

## **DISCUSSION**

Based on identified work within the 2021 Asset Management Plan (AMP) a Request for Quote was developed and released by Contract Administrator, Hatch on February 22, 2023, with eight contractors being invited to submit a quote. Contractors included Bruno's Contracting (Thunder Bay, Ontario) Limited, Pioneer Construction Inc., Nadin Contracting Ltd., Taranis Contracting Group Ltd., PNI Contracting Ltd., JFT Contracting Inc., RML Contracting Ltd. and Pete's Backhoe Service Ltd. Subsequently, on March 8, 2023, a mandatory tender site meeting was held at Cascades Conservation Area with Bruno's Contracting (Thunder Bay, Ontario) Limited, Nadin Contracting Ltd., PNI Contracting Ltd. and Pete's Backhoe Service Ltd attending.

Bids closed on April 21, 2023, with three quotations received:

- PNI Contracting Ltd. - \$297,925.00 + HST
- Pete's Backhoe Services Ltd. - \$292,483.00 + HST
- Bruno's Contracting (Thunder Bay, Ontario) Limited - \$268,691.00 + HST

Hatch has reviewed the quotes and recommends that the contract be awarded to Bruno's Contracting (Thunder Bay, Ontario) Limited, who submitted the lowest bid. See attached recommendation letter for further information.

## **FINANCIAL IMPLICATIONS**

The budget for the Parking Lot and Paved Trail Project at Cascades Conservation Area included in the 2023 budget was \$249,000.00, which was increased from the initial \$149,000.00 that was based on the 2021 AMP. Total costs are \$20,037.56 above budget, this is due to increase in asphalt costs since 2022 as referenced in the Hatch recommendation letter. Staff recommend that additional funds be appropriated from the Conservation Areas Maintenance Capital Reserve. It should also be noted that the lowest bid is \$168,136.00 lower than the previous years bid, when the project was deferred.

## **CONCLUSION**

Staff recommend awarding the contract to Bruno's Contracting (Thunder Bay, Ontario) Limited to complete the Cascades Conservation Area Paving Project at a total cost of \$273,419.96.

## **BACKGROUND**

The Parking Lot and Paved Trail Project at Cascades Conservation Area was identified within the 2021 Asset Management Plan Update conducted by KGS Group. Hatch was hired in June 2022 per Resolution #79/22 for design and contract administration of the project. An initial round of tendering for the Parking Lot and Paved Trail Project at Cascades Conservation Area was undertaken in the fall of 2022 resulting in only one bid which was 103% above the initial estimated cost by Hatch. The project was then deferred to spring 2023, per Resolution #103/22.

**REFERENCE MATERIAL ATTACHED**

Hatch, recommendation letter dated April 24, 2023.

**PREPARED BY:** Ryne Gilliam, Lands Manager

THIS REPORT SIGNED AND VERIFIED BY:    Tammy Cook Chief Administrative Officer	DATE:
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April 24, 2023

369234-P

Lakehead Region Conservation Authority  
130 Conservation Road, PO Box 10427  
Thunder Bay, Ontario  
P7B 6T8

**Attention: Ryne Gilliam**

**Re: Parking Lot & Paved Trail Project – Cascades Conservation Area  
Tender Recommendation**

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The following local Contractors were selected to provide Quotations for the above mentioned project: Bruno's Contracting (Thunder Bay, Ontario) Limited, Taranis Contracting, Nadin Contracting, Pioneer Construction Inc., JFT Contracting, PNI Contracting Ltd., RML Contracting and Pete's Backhoe Services. A mandatory tender site meeting was held on Wednesday March 8, 2023 at 1:30 pm in which the following Contractors attended: Brunos Contracting, Nadin Contracting, PNI Contracting and Pete's Backhoe Services.

The Lakehead Region Conservation Authority (LRCA) received three (3) quotations on or before 1:30 pm on Friday April 21, 2023, and are listed below in ascending order:

<u>Tenderer</u>	<u>Tender Price (excludes H.S.T)</u>
1) Bruno's Contracting (Thunder Bay) Limited	\$268,691.00
2) Pete's Backhoe Services	\$292,483.00**
3) PNI Contracting Ltd.	\$297,925.00

*\*\* Indicates the corrected price*

All prices exclude H.S.T, were checked arithmetically and were all found to correct with the exception of the Pete's Backhoe Services tender. The Pete's Backhoe Services tender contained an overall addition error to the Total Tender Price. The arithmetic error did not, however, affect the tender standing. All tenderers provided a signed copy of the one (1) addendum provided during the tendering phase. A tender comparison spreadsheet is enclosed for your review.

## **REVIEW OF TENDER PRICES**

A review of the tender prices submitted by the tenderers was undertaken. Bruno's Contracting (Thunder Bay) Ltd. (BC) prices were generally lower for Items such as granular A, drainage culvert, topsoil and seed, infiltration rock beds, pavement markings and swing gate. These items account the overall difference between the three tenders. The variance in the total prices between all tenders may also be the result of where the contractor applies their general overhead and profit for the project, which is typical for a project of this nature.

The engineers cost estimate for this project was approximately 26% lower than the lowest submitted tender. The engineers cost estimate was derived last fall using available tender pricing for similar projects awarded in the City of Thunder Bay area in 2022. Items such as asphalt have seen a major increase from 2022 and is evident when comparing the engineering estimate to the lowest bidder. As for the other two submitted tenders, they were both within 9/10% of the lowest bidder, which signifies a current market competitive bid.

## **PROPOSED PROJECT SCHEDULE**

The Contract includes a final completion date for all works by August 31, 2023 and works to be completed continuously upon commencement. Bruno's has indicated that they will be able to begin work as soon as the area is completely dry – they indicated at this time July start but may start sooner pending weather. Bruno's indicated they will work continuously until the project is completion and do not anticipate any issues in meeting the completion date. They anticipate approximately 4 weeks of construction activities.

## **RECOMMENDATION**

With the assumption that the LRCA has the required funds/funding in place, we recommend that the Contract be awarded to Bruno's Contracting (Thunder Bay) Ltd. in the amount of \$268,691.00 plus H.S.T.

Yours very truly,



Joseph De Luca, P. Eng.  
Senior Project Engineer

Encl.





<b>PROGRAM AREA</b>	Vehicle and Equipment	<b>REPORT NO.</b>	VE-1-2023
<b>DATE PREPARED</b>	May 10, 2023	<b>FILE NO:</b>	Audit File
<b>MEETING DATE</b>	May 31, 2023		
<b>SUBJECT</b>	Purchase of 2023 Toro TITAN Riding Mower		

## RECOMMENDATION

### Suggested Resolution:

***“THAT: the quote from Northern Turf Equipment for a 2023 Toro TITAN 60-inch zero turn riding mower at a cost of \$8,700.00 plus HST be accepted **AND FURTHER THAT** funds will be appropriated from the Vehicle and Equipment Reserve.”***

## LINK TO STRATEGIC PLAN

### *Govern and Enhance:*

- *Continue to commit to accountable and transparent organizational governance.*

### *Connect and Explore:*

- *Manage and enhance recreational areas for current and future generations through robust land management, efficient maintenance, and reinvestment in the land.*

## EXECUTIVE SUMMARY

Within the 2023 budget, staff budgeted to purchase a new riding mower, with funds appropriated from the Vehicle and Equipment Reserve. After researching equipment, staff have obtained a quote to purchase a new Toro TITAN 60-inch zero turn riding mower, which is an upgraded model from the original quote. Due to inflation and the upgraded model, the cost is \$1,700.00 above the budgeted amount of \$7,000.00. Per the Purchasing Policy, costs exceeding 10% of the approved amount, must be brought back to the Board for approval.

## DISCUSSION

Staff have initiated the process to purchase a new riding mower. Currently, staff maintain the Neebing-McIntyre Floodway and Conservation Areas with traditional 42-inch cutting width riding lawn mowers. Staff recommend upgrading to a 60-inch cutting width zero turn commercial grade riding mower. The proposed mower is a commercial grade Toro brand TITAN 60-inch model. The capability and speed will cut maintenance times, as it is rated to cut up to 4.6 acres/hour at

maximum speed, which reduce cutting times and free up time for LRCA Field Staff to work on additional projects such as trail development and painting projects.

The riding mower will be used in maintaining the Neebing-McIntyre Floodway and Conservation Areas.

### **FINANCIAL IMPLICATIONS**

The cost of purchasing a commercial grade Toro TITAN Riding Lawn Mower will be \$8,700.00 plus HST, which is \$1,700.00 above the approved budgeted amount. Per the Purchasing Policy, costs exceeding 10% of the approved amount, must be brought back to the Board for approval. Staff recommend approving the additional cost, with funds appropriated from the Vehicle and Equipment Reserve.

### **CONCLUSION**

Staff recommend the purchase of a 2023 Toro TITAN 60-inch Zero from Northern Turf Equipment turn riding mower at a cost of \$8,700.00 plus HST.

### **BACKGROUND**

None.

### **REFERENCE MATERIAL ATTACHED**

Photo.

**PREPARED BY:** Ryne Gilliam, Lands Manager

**REVIEWED BY:** Mark Ambrose, Finance Manager


THIS REPORT SIGNED AND VERIFIED BY:   Tammy Cook Chief Administrative Officer	DATE: May 9, 2023
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Photo: Toro TITAN 60-inch Zero Turn Commercial Grade Riding Mower.

2023 TREASURER'S REPORT MONTHLY EXPENSES				
	2023 BUDGET	April	TOTAL TO DATE	BALANCE REMAINING
<b>REVENUE</b>				
Provincial Grants	337,909	-	155,664	182,245
Municipal Levy	1,793,799	-	1,793,799	-
Self Generated	408,570	40,893	189,875	218,695
Other Revenue	352,206	33,762	137,427	214,779
<b>TOTAL REVENUE</b>	<b>2,892,484</b>	<b>74,655</b>	<b>2,276,765</b>	<b>615,719</b>
<b>EXPENSES</b>				
<b>Category 1 Mandatory Programs and Services</b>				
Corporate Services	867,959	128,129	352,980	514,979
Risk of Natural Hazards	1,097,542	25,438	119,088	978,454
Conservation and Management of Lands owned and controlled by the Authority	563,411	17,063	92,950	470,461
Source Water Protection	58,974	3,142	14,722	44,252
Other Programs and Services	19,625	1,250	4,906	14,719
<b>Total Category 1 Mandatory Programs and Services</b>	<b>2,607,511</b>	<b>175,022</b>	<b>584,647</b>	<b>2,022,864</b>
<b>Category 2 Non-Mandatory Programs and Services at the Request of a Municipality</b>				
Mapping Services	16,311	980	4,605	11,707
<b>Total Category 2 Non-Mandatory Programs and Services at the Request of a Municipality</b>	<b>16,311</b>	<b>980</b>	<b>4,605</b>	<b>11,707</b>
<b>Category 3 Non-Mandatory Programs and Services</b>				
Education	100,438	5,306	16,712	83,726
Stewardship	158,224	24,112	53,076	105,148
Other	10,000	1,740	6,021	3,979
<b>Total Category 3 Non-Mandatory Programs and Services</b>	<b>268,662</b>	<b>31,159</b>	<b>75,809</b>	<b>192,853</b>
<b>Total All Expenses</b>	<b>2,892,484</b>	<b>207,160</b>	<b>665,060</b>	<b>2,227,424</b>
<b>Surplus(Deficit)</b>	<b>-</b>	<b>- 132,505</b>	<b>1,611,705</b>	<b>- 1,611,705</b>

May 31, 2023

Moved By \_\_\_\_\_

Seconded By \_\_\_\_\_

***“THAT: having examined the accounts for the period April 1, 2023 to April 30, 2023 cheque #2876 to #2896 for \$90,856.66 and preauthorized payments of \$116,666.95 for a total of \$207,523.61, we approve their payment.”***

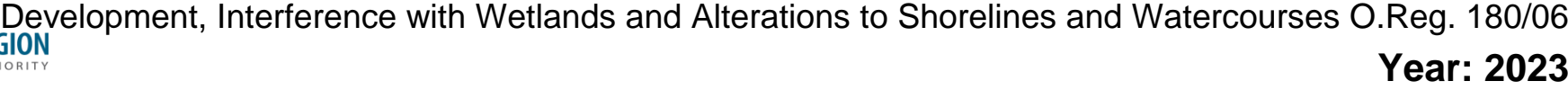
2876	RAS Maintenance Services	Office Cleaning March 2023	515.23
2877	Superior Outdoors Inc. The Walleye	April 2023 ad	175.15
2878	Epica Pictures	ECCC Video Fish Contaminates 50%	5,650.00
2879	Melissa Hughson	Boot Allowance	200.00
2880	Ontario Trails Council	Ontario Trails Council Membership 2023	123.47
2881	Thunder Bay Answering Service Inc.	Answering Service April 2023	239.56
2882	Innovated Solutions	Firewall Security, Cloud Protection for May	540.14
2883	Donna Blunt	Mileage, Meals Incidentals for CO Meeting in Toronto April 2, 3 2023	139.04
2884	Tammy Cook	Mileage, Meals Incidentals for CO Meeting in Toronto April 2, 3 2023	147.20
2885	McKittricks	Legal Fees	740.15
2886	Thunder Bay Broom & Chemicals	Office and CA supplies	460.98
2887	Lowery's	Office Supplies	82.39
2888	Esso And Mobil Business Card	Esso statement Mar 20- Apr 8, 2023	922.75
2889	Marsh Canada	Insurance coverage April 1 2023 - April 1 - 2024	72,629.64
2890	Harris Ecological Consulting	Consulting services for Boulevard Lake Project	2,825.00
2891	Lowery's	Office Supplies	1,147.63
2892	EOR Canada Inc.	Fisherman's Park Phase 2	3,738.33
2893	Central Carwash	Gasoline purchases March 2023	129.96
2894	Grant Thornton LLP	Gasoline purchases March 2023	96.05
2895	Northern Turf Equipment	Equipment repairs	128.27
2896	Thunder Bay Broom & Chemicals	Toilet Paper for Areas	225.72
			<u>90,856.66</u>
PA	Payroll and Per Diems		87,310.31
PA	Royal Bank Group Retirement RRSP and TFSA		2,480.76
PA	RWAM and Lifeworks Benefits		2,948.21
PA	Enbridge		1,359.19
PA	Synergy North		536.11
PA	Visa Routine Monthly Expenses		5,641.16
PA	Banking and Visa Fees		859.12
PA	Postage		-
PA	OMERS March		15,245.19
PA	Photocopier Lease		286.90
			<u>116,666.95</u>
			<u>207,523.61</u>

Chair

Res# \_\_\_\_\_/23

Monthly Plan Input/Review and Fill Regulations Administration April 1 to April 30, 2023											
Municipality	Minor Variance (A)	Consent (B)	Official Plan	Official Plan/ Zoning By- Law Comprehensive Review	Zoning By-Law (Z)	Subdivisions	Clearances	Reality Services	Lawyer Inquiries	Letter of Opinion (Other)	Total
City of Thunder Bay				PROJ-08-2020				1047 Dawson Road	941 Simpson Street		
Total	0	0	0	1	0	0	0	1	1	0	3
Oliver Paipoonge			1B/04/23				3552 Rosslyn Road				
			1B/05/23				146 McLaren Road				
			1B/06/23				180 McLaren Road				
Total	0	0	3	0	0	0	3	0	0	0	6
O'Connor											
Total	0	0	0	0	0	0	0	0	0	0	0
Neebing		B05-2023									
Total	0	1	0	0	0	0	0	0	0	0	1
Shuniah					Z4/22						
Total	0	0	0	0	1	0	0	0	0	0	1
Conmee				Draft Zoning By-Law							
				Draft Official Plan							
Total	0	0	0	2	0	0	0	0	0	0	2
Gillies											
Total	0	0	0	0	0	0	0	0	0	0	0
Dorion											
Total	0	0	0	0	0	0	0	0	0	0	0
Rural Planning Board											
Total	0	0	0	0	0	0	0	0	0	0	0
Monthly Total	0	1	3	3	1	0	3	1	1	0	13

Monthly Plan Input/Review and Fill Regulations Administration May 1 to 23, 2023											
Municipality	Minor Variance (A)	Consent (B)	Official Plan	Official Plan/ Zoning By-Law Comprehensive Review	Zoning By-Law (Z)	Subdivisions	Clearances	Reality Services	Lawyer Inquiries	Letter of Opinion (Other)	Total
City of Thunder Bay								St. Paul Street	1170 Chippewa Road		
								712 Macdonell Street	1255 Mountain Road		
								40 Cumberland Street South	1380 Chippewa Road		
								16 Cumberland Street South	1260 Highway 61B		
								295 Bay Street	1475 Highway 61		
								217 Arthur Street West	1271 Broadway Ave		
								242 Red River Road	1735 City Road		
									1935 Neebing Avenue		
									2001 Neebing Avenue		
									Roll No 580403010708401		
									Roll No 580403010701201		
									137 Mckellar Street N		
Total	0	0	0	0	0	0	0	7	12	0	19
Oliver Paipoonge	A-17-2023*	1B/24/21 - Revised	1B/07/23		ZBLA01-2023						
		B-16-2023	1B/08/23								
Total	1	2	2	0	1	0	0	0	0	0	6
O'Connor					2023-01						
Total	0	0	0	0	1	0	0	0	0	0	1
Neebing											
Total	0	0	0	0	0	0	0	0	0	0	0
Shuniah											
Total	0	0	0	0	0	0	0	0	0	0	0
Conmee											
Total	0	0	0	0	0	0	0	0	0	0	0
Gillies											
Total	0	0	0	0	0	0	0	0	0	0	0
Dorion											
Total	0	0	0	0	0	0	0	0	0	0	0
Rural Planning Board		1B/03/22									
		1B/04/22									
Total	0	2	0	0	0	0	0	0	0	0	2
Monthly Total	1	4	2	0	2	0	0	7	12	0	28

[illegible]



## ***Monthly Project Update***

<b>MEETING DATE</b>	May 31, 2023
<b>STAFF NAME</b>	Ryan Mackett
<b>POSITION</b>	Communications Manager

### 2022 Annual Report

The 2022 Annual Report was scheduled to be distributed by the Chronicle Journal on May 27. Staff have received a supply of copies here at the office if you would like some.

### 2023 Dorion Birding Festival

The 2023 Dorion Birding Festival occurred on Saturday, May 27 and Sunday, May 28. There were 96 participants on Day One and 78 participants on Day Two. A verbal update will be provided at the meeting.

### 2023 Arbor Week Complementary Education Program

The LRCA's Arbor Week program was held the week of May 8-12. There were 10 classes from 10 schools that participated, totalling 274 students.

### 2023 Wine Tasting and Dinner at Whitewater

The 2023 Wine Tasting & Dinner at Whitewater fundraising event was held on Thursday, May 11, 2023. There were 136 tickets sold, and the event was a success. The silent auction and ticket sales together brought in a total profit of approximately \$8,400.00.

### Children's Water Festival

Staff are currently planning the 2023 Lakehead Children's Water Festival, which will be held June 6, 7, and 8 at the LRCA Administrative Office.

### Pride Month

During the month of June, the LRCA will be flying the pride flag alongside the Canada and Ontario flags. The pride flag was provided free of charge by Rainbow Collective. This symbolic show of support reaffirms the LRCA's commitment to being a safe, inclusive work environment and providing non-discriminatory public spaces for all members of the community.



### ***Monthly Project Update***

<b>MEETING DATE</b>	May 31, 2023
<b>STAFF NAME</b>	Ryne Gilliam
<b>POSITION</b>	Lands Manager

#### LRCA Administrative Building Electrical Upgrade Project Update

Prezio Electric has currently completed the installation of 80% of the LED lighting within the LRCA Administrative building, areas remaining for completion include the front office area, boiler room and crawlspace.

A change order has been issued as part of the Electrical Upgrade Project regarding a new Synergy North requirement indicating that all in ground conduit must be Rigid Schedule 40 PVC (enacted April 26, 2023). Rigid Schedule 40 PVC will replace the quoted DB2 conduit. The price increase due to the Synergy North requirement is \$10,794.64 +HST, which is reflective of the cost of the required PCV material and additional labour associated with installing it. The funds for the extra cost will be appropriated from the Administrative Facility Maintenance Reserve.

## ***Monthly Project Update***

<b>MEETING DATE</b>	May 31, 2023
<b>STAFF NAME</b>	Melissa Hughson
<b>POSITION</b>	Watershed Manager

### Watershed Conditions – Flood Forecasting

The LRCA issued a Flood Watch message on Friday, April 14, 2023. Flood Watch messages are issued to indicate that there is a potential for flooding within specific watercourses and municipalities. At the time, given the above average snowpack especially in rural areas, the forecast of approximately 30 mm of mixed precipitation over the weekend and reports of localized flooding on area roadways, the Flood Watch message was issued.

The Neebing McIntyre Floodway diverted from April 14<sup>th</sup> – 17<sup>th</sup>, as well as from April 29<sup>th</sup> to May 2<sup>nd</sup>. Both diversion events were due to spring melt conditions and precipitation events received in the region.

LRCA staff received a call from OPG on May 5<sup>th</sup> to notify staff that flows within the Kaministiquia River were at 200 cubic metres per second (cms). River gauges were closely monitored over the weekend to ensure emergency protocols were followed if required, (note, river levels did not reach levels warranting warning or emergency protocols).

### Watershed Conditions – Snow Surveys and Lake Superior Levels

Staff conduct snow surveys on a bimonthly basis on the 1st and 15th of the month between November and May of each year. There are three historical snow survey locations which are located at Hazelwood Lake Conservation Area (Current River), Madeline Street (McVicar Creek), and Vibert Road (Pennock Creek). Snow depth and weight (water content) are collected and forwarded to the MNRF's Surface Water Monitoring Centre as part of the Flood Forecasting Program.

May 1<sup>st</sup> survey's reported no snow at Pennock Creek or McVicar Creek, however there was still 40.5 cm of snow at Hazelwood with a calculated 171.1 mm equivalent water content. All snow survey locations had no snow on May 15<sup>th</sup>.

Lake Superior's beginning of May water level was 28 cm above the beginning of month average, and 28 cm above last years May measurement; this years' beginning of may water level for Lake Superior is recorded as the 5<sup>th</sup> highest on record (1918-2021). Interestingly, the six-month (November 2022 through April 2023) average Net Basin Supply to Lake Superior was the highest on record (since 1918). Net Basin Supply is the net amount of water entering each of the Great

Lakes, including the precipitation on the lake, minus evaporation from the lake, plus runoff from its local basin.

### Annual Rain Gauge Inspection

On May 1<sup>st</sup> and 2<sup>nd</sup>, the LRCA conducted its annual inspection at the nine rain gauge stations within the LRCA jurisdiction. The inspection involved removing debris with the tipping buckets, recording gauge conditions (i.e., missing bolts, damage, etc.) and a calibration check. The calibration check consisted of pouring water down the tipping buckets, downloading the gauges at the office, and observing if the tipping buckets are operating correctly.

### Lake Superior Management Committee

On May 3<sup>rd</sup>, the Watershed Manager attended the Lake Superior Partnership Management Committee call led by Environment and Climate Change Canada (ECCC) and the United States' Environmental Protection Agency (EPA). The Committee is made up of representatives from various regulatory agencies as well as various interest and user groups that contribute to the Lake Superior Lakewide Action and Management Plan (LAMP). Presentations were provided by the Great Lakes Indian Fish & Wildlife Commission (GLIFWC) on the Lake Superior Basin Mining Story Map, and from the Minnesota Pollution Control Agency (MPCA) regarding Peatlands. Michelle Willows, Environmental Planner with the LRCA was acknowledged for her contributions to the webinar on chemical contaminants in Lake Superior for her research and discussion regarding Thunder Bay Fish Consumption Advisories.

### Fish Contaminants and Consumption Advisories Education and Outreach

The LRCA received funding from Environment and Climate Change Canada to engage communities on building and sharing knowledge around contaminant levels found in fish in Thunder Bay (Lake Superior). The program is one year-long, running from March 2023 – March 2024, and has already received positive feedback from our funding partners, community members, and local anglers.

The project is intended to address Action Item 8 in the Lake Superior Lakewide Action and Management Plan (LAMP) “to continue outreach and education to the public on the impacts of chemical contaminants with a focus on mercury, pharmaceuticals, PFAS, and dioxins; the pathways into fish, wildlife, and humans; and actions that can be taken to help remove contaminants from the basin”. The objectives align with the LRCA’s vision, as it is focused on educating others to ensure a healthy, safe, and sustainable Lakehead Watershed.

The outreach and engagement program has involved a variety of key activities to reach target audiences throughout this initiative. To date, the project has been highly successful, reaching all the targeted action activities within the set timelines. Facts sheets and pamphlets have been made available at public events, local bait shops, the Thunder Bay District Health Unit, and to LRCA subscribers. The scheduled spring presentations for local school boards have been completed, which included a fun trivia game to validate learning. Numerous online webinars have been delivered both locally and binationally, including the Lake Superior Partnership – Let’s Talk

Lake Superior, and the Annex 3 Subcommittee under the Great Lakes Water Quality Agreement. A CBC news interview was conducted and broadcast across the City of Thunder Bay, receiving great feedback from local residents. Currently, an educational video is being filmed and produced by Epica Pictures with direction from the LRCA's Environmental Planner, Michelle Willows. Short videos are not only ideal for processing and memory recall, but they are highly sharable and accessible online. Furthermore, the LRCA will be collaborating with Fort William First Nations to host an engagement session (July) with elders and community members to disseminate information about contaminants found in fish, while also gathering data on consumption habits with a fish consumption survey. The total estimated outreach of the project to date is 12,248 individuals, not including the reach of the CBC radio interview.

### Floodway Stewardship Projects

On May 9<sup>th</sup>, the Watershed Stewardship Technician led applicable LRCA staff on a short tour of the Neebing-McIntyre Floodway to review the stewardship projects taking place in 2023. In general, projects include the restoration of overall riparian health to encourage the naturalization of native habitat. Actions will include 'no mow zones' adjacent to the waters edge, removal/treatment of invasive species including Tatarian Honeysuckle, invasive cat-tails, Purple Loosestrife and Reed Canarygrass, planting of native species to combat invasive species through competition, and completing education and outreach campaigns on the stewardship projects.

### Kaministiquia River Standing Advisory Committee

The LRCA hosted and participated in the Kaministiquia River Standing Advisory Committee (SAC) meeting held May 9, 2023. The committee is made up of representatives with a vested interest in the flows of the Kaministiquia River including, OPG, camper's associations (Shebandowan and Dog Lake), upper and lower Kam River residents, LRCA, Kakabeka Falls Provincial Park, Fort William Historical Park, Resolute Forest Products, etc. The meeting is held annually to discuss how the Kaministiquia River Water Management Plan is being implemented, how the system performed over the last year and what is expected for spring freshet and the year to come.

### PWQMN Sampling

The Provincial (Stream) Water Quality Monitoring Network (PWQMN) sampling program, facilitated by the Ministry of the Environment, Conservation and Parks, began this month. The program measures water quality in rivers and streams across Ontario. Over 400 locations are currently monitored in partnership with Ontario's Conservation Authorities, participating municipalities and provincial parks. Water samples are taken monthly during the ice-free period. Seven locations are within the Lakehead Region including: Current River, McVicar Creek, McIntyre River, Neebing River (at two locations), Slate River and the Kaministiquia River. The program has been operating since 1964 in the province providing a valuable database for tracking changes in water quality over time.