



**Regular Meeting of Council
AGENDA**

Tuesday, April 23, 2024, 6:30 p.m.

Council Chambers

City Hall - 200 McIntyre Street East, North Bay, ON

- 1. Declaration of Pecuniary Interest and the General Nature Thereof**
- 2. Public Presentations**
- 3. Public Meeting Minutes**
 - Tuesday, March 26, 2024;
 - Tuesday, April 2, 2024;
 - Monday, April 8, 2024; and
 - Tuesday, April 9, 2024
- 4. Motion for Reconsideration**
- 5. Committee Reports**
 - 5.1 Condominium Conversion Policy
 - 5.2 Proposed Zoning By-Law Amendment by Tulloch Geomatics Inc. on behalf of 2412594 Ontario Limited - Premier Road (unaddressed) - Supplemental Report
- 6. Correspondence**
 - 6.1 Proposed Official Plan Amendment, Zoning By-Law Amendment and Draft Plan of Subdivision applications by Tulloch Geomatics Limited on behalf of 2498643 Ontario Limited - 4250 Widdifield Station Road
Letter prepared by: Peter Carello
Date of Letter: April 4, 2024
 - 6.2 2024 Insurance Renewal
Prepared by: Margaret Karpenko
Date of Report: April 8, 2024
Report No. CORP 2024-26
 - 6.3 Organizational Review
Prepared by: John Severino
Date of Report: April 12, 2024
Report No. CAO 2024-02
 - 6.4 Request for Quote 2024-17, Pete Palangio Arena Energy Recovery

Ventilation Upgrades

Prepared by: David Allan and Alain Lecompte

Date of Report: April 12, 2024

Report No. CORP 2024-35

6.5 2024 Tax Policy

Prepared by: Dan Robinson

Date of Report: April 12, 2024

Report No. CORP 2024-37

6.6 Request for Proposal 2024-18, Belleview Park Playground Equipment

Prepared by: David Allan and Mark Thomas

Date of Report: April 12, 2024

Report No. CORP 2024-34

6.7 Amendment to Zoning By-Law No. 2025-30, Duplexes and Triplexes

Prepared by: Adam Curran

Date of Report: April 11, 2024

Report No. CSBU 2024-18

6.8 Laurentian Heights Limited - Stormwater Management Cost Share Agreement

Prepared by: Beverley Hillier and Adam Lacombe

Date of Report: April 11, 2024

Report No. CSBU 2024-19

6.9 North Bay Drinking Water System 2023 Reporting

Prepared by: Karin Pratte

Date of Report: April 4, 2024

Report No. IO 2024-04

7. **By-Laws for Consideration**

By-Law No. 2024-16 to rezone certain lands on Premier Road (unaddressed) (2412594 Ontario Limited - Premier Road (unaddressed)).

By-Law No. 2024-17 to designate a Site Plan Control Area on certain unaddressed lands on Premier Road (2412594 Ontario Limited - Premier Road (unaddressed)).

By-Law No. 2024-33 - Official Plan Amendment No. 33 - Condominium Conversion Policy.

By-Law No. 2024-35 to authorize the execution of a Subdivision Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited - Kenreta Drive, Phase IV.

By-Law No. 2024-36 to authorize the execution of a Cost Sharing Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited - Stormwater Management.

8. **Motions**

8.1 Community Safety and Well-Being Ad Hoc Committee

9. In-Camera Correspondence
10. Giving Notice (Notice of Motion)
11. Confirmatory By-Law
By-Law No. 2024-34 to confirm proceedings of the Regular Meeting of Council held on April 23, 2024.
12. Adjournment



**Regular Meeting of City Council
Minutes**

**March 26, 2024, 6:30 p.m.
Council Chambers**

City Hall - 200 McIntyre Street East, North Bay, ON

Members Present: Mayor Chirico, Councillor Horsfield, Councillor Inch, Councillor Mallah, Councillor King, Councillor Lowery, Councillor Bain, Councillor Vrebosch, Councillor Mayne

Members Absent: Councillor Gardiner, Councillor Mitchell

1. Declaration of Pecuniary Interest and the General Nature Thereof

1.1 Councillor Bain - In-Camera Correspondence declared a conflict of interest in relation to item #10.2 and did not reconvene with Council.

2. Motion to Suspend the Rules

2.1 Councillor Tanya Vrebosch

Res. # 2024-70

Moved by Councillor Bain
Seconded by Councillor Horsfield

Pursuant to Section 2.2 of the City of North Bay's Procedural By-Law No. 2019-80, the applicable Rules are hereby suspended to allow for a retraction and apology from Councillor Tanya Vrebosch.

Carried

3. Public Presentations

3.1 Don Rennick, Comments on the 2024 Operating Budget and Budget Process

4. Public Meeting Minutes

Res. # 2024-71

Moved by Councillor Horsfield
Seconded by Councillor Mayne

That the minutes for the public meetings held on:

- Thursday, February 15, 2024;
- Tuesday, February 27, 2024;
- Monday, March 4, 2024;

- Tuesday, March 5, 2024;
- Wednesday, March 6, 2024; and
- Thursday, March 7, 2024

be adopted as presented.

Carried

5. Motion for Reconsideration

6. Committee Reports

7. Correspondence

That Council receive the 2023 Statement of Remuneration and Expenses for Members of Council for the year ended December 31, 2023 as attached to Report to Council CORP 2024-027 dated March 22, 2024 from Margaret Karpenko.

- 7.1 Proposed Zoning By-Law Amendment and Draft Plan of Condominium by Tulloch Geomatics Inc. on behalf of Highland Woods Developments Inc. - Golf Club Road (unaddressed)

Res. # 2024-72

Moved by Councillor Mallah
 Seconded by Councillor King

That the proposed Zoning By-Law Amendment and Draft Plan of Condominium applications by Tulloch Geomatics Inc. on behalf of Highland Woods Developments Inc. – Golf Club Road (unaddressed) be received and referred to the Community Services Committee for a Public Meeting.

Carried

- 7.2 2024 Canada Day Celebrations

Res. # 2024-73

Moved by Councillor Mallah
 Seconded by Councillor King

That Council:

1. grant permission to the O’Canada Day Committee to hold the 2024 Canada Day Celebrations in and about the Waterfront Park on July 1, 2024, pursuant to By-Law No. 2014-53 (Noise By-Law); and
2. grant an exemption to the O’Canada Day Committee from the Noise By-Law, and exclusivity over the event and grounds be approved as follows: a) having approved Recommendation No. 1 granting permission to hold the public celebration known as the 2024 O’Canada Day Event, the event becomes exempt from the noise control provisions contained in By-Law No. 2014-53 (Noise By-Law), as amended, pursuant to the operation of Section 6

and Schedule 3 thereof, as defined in Attachment 1, in Report to Council CSBU 2024-10 dated February 13, 2024 from Erin Vaughan; and b) exclusive use on July 1, 2024, on and over the City-owned and controlled lands (except the North Bay Wastewater Treatment Facility Lands) within the area defined as, extending from, and inclusive of the waterfront beaches starting at Tenth Street and both sides of Memorial Drive from the Uniroc site up to and including Lee Park.

Carried

7.3 Proposed Road Closure Application – 392 Norwood Avenue

Res. # 2024-74

Moved by Councillor Mallah
Seconded by Councillor King

That

1. the application by Mathew Blanchfield to acquire an unopened municipal road allowance, as shown on Schedule "A" attached to Report to Council CSBU 2024-09 dated February 15, 2024 from Peter Carello, be approved;
2. the sale of the unopened road allowance be subject to the granting of any required easements; and
3. the Chief Administrative Officer be authorized by Council to negotiate this sale for the subject road allowance at the appraised value.

Carried

7.4 Municipal Accommodation Tax - Agreement Renewal

Res. # 2024-75

Moved by Councillor Horsfield
Seconded by Councillor Inch

That Council authorize the Chief Administrative Officer and City Clerk to execute an agreement with Tourism North Bay for a period of five (5) years, to the satisfaction of the Chief Administrative Officer, the Chief Financial Officer and City Solicitor.

Carried

7.5 Purchasing By-Law

Res. # 2024-76

Moved by Councillor Horsfield
Seconded by Councillor Inch

That Council authorize an amendment to City of North Bay By-Law 2024-02, being a by-law to amend City of North Bay Purchasing By-Law 2013-200, as set out in Report to Council CORP 2024-22 dated March 14, 2024 from Margaret Karpenko.

Carried

7.6 Final Approval of Plan of Condominium - 215 Ross Drive (Richardson)

Res. # 2024-77

Moved by Councillor Mallah
Seconded by Councillor King

That Council:

- 1. grant final approval to a Vacant Land Plan of Condominium for a property located at 215 Ross Drive; and
- 2. authorize the Mayor and City Clerk to sign the Condominium Agreement with David Wayne Richardson, Estate Trustee for the Estate of John Edwin Richardson consisting of three (3) units and one (1) common element, upon receipt of all Condominium Agreement requirements.

Carried

7.7 Reduction, Cancellation or Refund of Taxes - Section 357/358, the Municipal Act, S. O. 2001, c.25

Res. # 2024-78

Moved by Councillor Horsfield
Seconded by Councillor Inch

That:

- 1. Report to Council CORP 2024-19 for the Cancellation, Reduction or Refund of Taxes under Sections 357 and 358 of the Municipal Act, 2001, c.25 be received;
- 2. Council accepts and approves the 15 applications, as recommended by the Municipal Property Assessment Corporation (MPAC), for the period set out on each application form and that the taxes totaling approximately \$44,800 be adjusted under Section 357 of the Municipal Act, S.O. 2001, c.25 of which the City’s portion is estimated to be \$33,290;
- 3. the Treasurer be directed to adjust the Collector’s Roll; accordingly; and
- 4. staff be authorized and directed to do all things necessary to give effect to this resolution.

Carried

7.8 2023 Remuneration and Expenses for Members of Council

Res. # 2024-79

Moved by Councillor Horsfield
Seconded by Councillor Inch

That Council receive the 2023 Statement of Remuneration and Expenses for Members of Council for the year ended December 31, 2023 as attached to Report to Council CORP 2024-027 dated March 22, 2024 from Margaret Karpenko.

Carried

8. By-Laws for Consideration

Res. # 2024-80

Moved by Councillor Horsfield
Seconded by Councillor Inch

That the following by-laws be read a first and second time:

By-Law No. 2024-21 to appoint an Integrity Commissioner.

By-Law No. 2024-25 to authorize the execution of a Condominium Agreement between The Corporation of the City of North Bay and David Wayne Richardson, Estate Trustee for the Estate of John Edwin Richardson - 215 Ross Drive.

By-Law No. 2024-26, being a by-law to amend By-Law No. 2024-02, which amended Purchasing By-Law No. 2013-200.

Carried

Res. # 2024-81

Moved by Councillor Horsfield
Seconded by Councillor Inch

That the following by-law be read a third time and passed:

By-Law No. 2024-21 to appoint an Integrity Commissioner.

By-Law No. 2024-25 to authorize the execution of a Condominium Agreement between The Corporation of the City of North Bay and David Wayne Richardson, Estate Trustee for the Estate of John Edwin Richardson - 215 Ross Drive.

By-Law No. 2024-26, being a by-law to amend By-Law No. 2024-02, which amended Purchasing By-Law No. 2013-200.

Carried

9. Motions

9.1 Occupational Health and Safety Act

Res. # 2024-82

Moved by Councillor Horsfield
Seconded by Councillor Mallah

Whereas Council received the attached Motion from the City of Greater Sudbury in relation to amendments to the Occupational Health and Safety Act to clarify the definition of "Employer".

Therefore Be it Resolved that the Council of the City of North Bay endorses and supports the Motion made by the Council of the City of Greater Sudbury.

And Further be it Resolved that a copy of this motion be sent to the Honourable Doug Ford, Premier of Ontario, the Honourable David Piccini, Minister of Labour, Immigration, Training and Skills Development, the Honourable Paul Calandra, Minister of Municipal Affairs and Housing, MPP Victor Fedeli, Association of Municipalities of Ontario, Federation of Northern Ontario Municipalities and the City of Greater Sudbury.

City of Greater Sudbury

December 12, 2023

Sent Via Email

Municipalities of Ontario

Re: Amendment to the Occupational Health and Safety Act to Clarify the Definition of "Employer"

The following resolution was passed by Council of the City of Greater Sudbury on December 5, 2023:

CC2023-303: WHEREAS in 2015 the City of Greater Sudbury (the "City") entered into a contract with a contractor experienced in road construction projects to complete a project on Elgin Street in the City's downtown core;

AND WHEREAS the contract provided that the contractor would be the constructor for the project as that term is defined in the Occupational Health and Safety Act (the "Act");

AND WHEREAS an employee of the constructor operating a grader on the project struck and killed a pedestrian;

AND WHEREAS the City was charged with offences under the Act as the constructor and the employer;

AND WHEREAS after being acquitted at trial and on appeal, the Ontario Court of Appeal, in a decision issued on April 23, 2021, found the City to be liable for contraventions of the Construction Regulations as an employer as it employed quality control inspectors to monitor the quality of work on the project from time-to-time;

AND WHEREAS the Supreme Court of Canada, in a decision issued on November 10, 2023, was evenly divided 4-4 on the issue resulting in dismissal of the City's appeal;

AND WHEREAS the consequence of this decision is that municipalities in Ontario, as well as all other owners of property in the province, who wish to undertake construction, are subject to being charged and convicted as an employer for offences in relation to project sites for which they have no control and have, in accordance with the Act, contracted with an entity to assume plenary oversight and authority over the work on such site as the constructor;

AND WHEREAS the potential of an owner being charged as an employer as that term is defined in the Act in circumstances where it has engaged a constructor disregards and renders meaningless the owner-constructor provisions contained in the Act and presents an unacceptable level of increased risk and confusion for owners and contractors throughout the province;

AND WHEREAS the City believes that the safety of workers is paramount however the safety of workers on construction projects in Ontario is not increased by placing liability on parties that do not have control of and are not responsible for the conduct of the work on such sites;

NOW THEREFORE BE IT RESOLVED THAT the Council for the City of Greater Sudbury requests that the province amend the Occupational Health and Safety Act to clarify the definition of "employer" to exclude owners that have contracted with a constructor for a project;

AND BE IT FURTHER RESOLVED THAT this motion be provided to the Honourable Doug Ford, Premier of Ontario, the Honourable David Piccini, Minister of Labour, Immigration, Training and Skills Development, the Honourable Paul Calandra, Minister of Municipal Affairs and Housing, France Gelinas, MPP for Nickel Belt, Jamie West, MPP for Sudbury, the Association of Municipalities of Ontario, the Federation of Northern Ontario Municipalities, Ontario's Big City Mayors, Mayors and Regional Chairs of Ontario, Northern Ontario Large Urban Mayors, the Council of Ontario Construction Associations, the Ontario Chamber of Commerce and all Ontario municipalities.

Yours truly,

Brigitte Sobush

Manager of Clerk's Services/Deputy City Clerk

Carried

10. In-Camera Correspondence

Councillor Bain declared a conflict of interest in relation to item #10.2 and did not reconvene with Council.

Res. # 2024-83

Moved by Councillor Horsfield
Seconded by Councillor Inch

That Council adjourn in-camera pursuant to section 239.(2) of the *Municipal Act, 2001*, as amended at 6:55 p.m. for the following reason:

Item 10.2, being a potential acquisition of land by the municipality.

Carried

Res. # 2024-84

Moved by Councillor Horsfield
Seconded by Councillor Inch

That Council reconvene at 7:01 pm.

Carried

11. Giving Notice (Notice of Motion)

12. Confirmatory By-Law

Res. # 2024-85

Moved by Councillor Vrebosch
Seconded by Councillor Lowery

That the following by-law be read a first and second time:

By-Law No. 2024-14 to confirm proceedings of the Regular Meeting of Council held on March 26, 2024.

Carried

Res. # 2024-86

Moved by Councillor Vrebosch
Seconded by Councillor Lowery

That the following by-law be read a third time and passed:

By-Law No. 2024-14 to confirm proceedings of the Regular Meeting of Council held on March 26, 2024.

Carried

13. Adjournment

Res. # 2024-87

Moved by Councillor Vrebosch
Seconded by Councillor Lowery

That this Regular Meeting of Council do now adjourn at 7:02 p.m.

Carried

Mayor Peter Chirico

City Clerk Karen McIsaac



**Special Meeting of City Council
Minutes**

**April 2, 2024, 5:30 p.m.
Council Chambers**

City Hall - 200 McIntyre Street East, North Bay, ON

Members Present: Mayor Chirico, Councillor Horsfield, Councillor Inch, Councillor Mallah, Councillor King, Councillor Lowery, Councillor Bain, Councillor Gardiner, Councillor Vrebosch, Councillor Mayne, Councillor Mitchell

1. Declaration of Pecuniary Interest and the General Nature Thereof

- 1.1 Councillor Vrebosch - 2024 District of Nipissing Social Services Administration Board - Operating Budget (except Healthy Communities Fund) as "DNSSAB is my employer".
- 1.2 Councillor Vrebosch - 2024 District of Nipissing Social Services Administration Board's Healthy Communities Fund as "DNSSAB is my employer".
- 1.3 Councillor Mitchell - 2024 District of Nipissing Social Services Administration Board's Healthy Communities Fund as "my employer receives funding from this program".
- 1.4 Councillor Mallah - 2024 North Bay Parry Sound District Health Unit Operating Budget as "The North Bay Parry Sound District Health Unit is my employer".
- 1.5 Councillor Lowery - 2024 Clean, Green and Beautiful and Commissionaires and Security Services Operating Budget as "I have signing authority for Clean, Green and Beautiful" and "my son is a contracted by-law officer".

2. Public Presentations

3. Public Meeting Minutes

4. Motion for Reconsideration

5. Committee Reports

- 5.1 2024 General Operating Budget

Res. # 2024-88

Moved by Councillor Horsfield
Seconded by Councillor Inch

That General Government Committee Report No. 2024-05
relating to:

- 2024 Operating Budget

be adopted as presented.

General Government Committee Report No. 2024-05

April 2, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The General Government Committee presents Report No. 2024-05 and recommends:

That:

1. The 2024 Gross Operating Expenses included in the Operating Budget in the amount of \$143,719,632 (save and except the City's share of the District of Nipissing Social Services Administration Board levy of \$14,087,246; the City's share of the North Bay Parry Sound District Health Unit's levy of \$1,687,970; the City's contribution to Clean, Green and Beautiful of \$50,000; and the City's budget for Commissionaires and Security Services of \$242,000) be approved;
2. The 2024 Tax Levy of \$109,961,836 as summarized in attached Appendix A be approved;
3. The Chief Financial Officer be authorized to process all transfers to and from reserve funds included in the 2024 Operating Budget;
4. The Chief Financial Officer be authorized to transfer \$18,312,887 from the Operating Fund to the Capital Fund to finance approved capital projects that would otherwise require debenture issuance to fund (Net Capital Levy in Operating Budget). This is often referred to as the "Pay As You Go" funding for capital projects;
5. That Capital Project No. 4511GD, Recycling at City Facilities & Public Spaces, be created with a total budget of \$104,122 to be funded from the Completed General Capital Projects Reserve No. 99537R;
6. That a public meeting be held regarding the proposed user fees for the use of Pickleball Courts and proposed changes to Transit Fares; and

7. That By-Law No. 2017-72, being a by-law to regulate the use of private approaches placed on municipal road allowances providing access to private lands in the City of North Bay, be amended to reflect the changes outlined in Option A of the Service Level Enhancement entitled "Implementation of Repairs to Private Entrance Culverts" located on page 162 of Appendix A to Report to Council No. 2024-015 dated February 23, 2024 from Laura Boissonneault.

All of which is respectfully submitted.

APPENDIX A

Annual General Levy Summary

Budget Year: 2024

YTD End Date: December 2023

Execution Date: March 22, 2024



	2022 Actuals	2023 Actuals YTD *	2023 Budget	2024 Approved	Variance Increase /(Decrease)	Change %
Community Services						
ARENA SERVICES	2,291,098	2,322,733	2,517,313	2,526,010	8,697	0.35%
ARTS, CULTURE & RECREATION	936,999	1,056,461	1,313,099	1,380,865	67,766	5.16%
BUILDING	98,335	112,591	108,392	111,465	3,073	2.84%
COMMUNITY SERVICES ADMIN	423,854	625,033	655,253	669,070	13,817	2.11%
ECONOMIC DEVELOPMENT	874,381	885,463	883,140	906,844	23,704	2.68%
FIRE DEPARTMENT	14,135,294	13,996,036	14,249,590	14,637,357	387,767	2.72%
PARKS REVENUES	(171,201)	(213,715)	(209,654)	(218,294)	(8,640)	-4.12%
PLANNING DEPARTMENT	519,654	516,858	508,236	567,952	59,716	11.75%
Total Community Services:	19,108,414	19,301,460	20,025,369	20,581,269	555,900	2.78%
Corporate Services						
COUNCIL SECRETARIAT	364,043	373,342	392,516	402,271	9,755	2.49%
CUSTOMER SERVICE CENTRE	321,731	264,705	328,701	356,370	27,669	8.42%
FINANCIAL SERVICES	1,521,245	1,445,084	1,580,240	1,607,847	27,607	1.75%
HUMAN RESOURCES	1,082,859	1,256,360	1,252,298	1,347,786	95,488	7.63%
INFORMATION SYSTEMS	1,396,451	1,577,230	1,822,633	1,732,977	(89,656)	-4.92%
LEGAL DEPARTMENT - GENERAL	437,351	434,904	506,327	522,222	15,895	3.14%
LEGAL DEPARTMENT - POA	103,102	(57,554)	43,424	7,309	(36,115)	-83.17%
Total Corporate Services:	5,226,782	5,294,071	5,926,139	5,976,782	50,643	0.85%
General Government Activities						
FINANCIAL EXPENSES	21,208,950	18,644,187	20,430,235	20,848,997	418,762	2.05%
GENERAL REVENUES	(112,994,067)	(118,557,210)	(11,996,004)	(12,180,795)	(184,791)	-1.54%
MAYOR & COUNCIL	442,246	527,372	565,453	608,498	43,045	7.61%
OFFICE OF THE CAO	503,928	562,583	481,450	554,370	72,920	15.15%
Total General Government Activities:	(90,838,943)	(98,823,068)	9,481,134	9,831,070	349,936	3.69%
Infrastructure and Operations						
AQUATIC CENTRE	294,084	315,910	278,656	286,953	8,297	2.98%
CITY HALL FACILITIES	970,372	944,013	832,197	882,873	50,676	6.09%
ENGINEERING SERVICES	925,443	862,520	946,543	949,411	2,868	0.30%
ENVIRONMENTAL SERVICES	1,032,121	1,692,318	1,001,328	1,149,700	148,372	14.82%
FLEET MANAGEMENT	0	(1,782)	0	0	0	0.00%
KINGS LANDING	6,970	4,848	2,252	4,972	2,720	120.78%
MARINA	0	23	0	0	0	0.00%
PARKING OPERATIONS	33,865	(56,772)	6,080	(105,907)	(111,987)	-1,841.89%
PARKS - OPERATIONS	3,931,652	4,202,116	4,169,028	4,461,889	292,861	7.02%
ROADS DEPARTMENT	8,711,475	9,073,980	9,334,714	9,904,295	569,581	6.10%
STORM SEWERS	706,092	691,851	611,651	617,532	5,881	0.96%
TRANSIT	4,713,758	4,571,837	4,933,772	4,926,457	(7,315)	-0.15%
WORKS DEPT ADMINISTRATION	745,066	751,931	747,043	666,810	(80,233)	-10.74%
Total Infrastructure and Operations:	22,070,898	23,052,793	22,863,264	23,744,985	881,721	3.86%
Service Partners						
INVEST NORTH BAY DEVELOPMENT CORPORATION	25,000	10,000	10,000	10,000	0	0.00%
SERVICE PARTNERS	44,407,848	47,480,719	47,459,292	49,817,730	2,358,438	4.97%
Total Service Partners:	44,432,848	47,490,719	47,469,292	49,827,730	2,358,438	4.97%
Levy Grand Total:	(1)	(3,684,025)	105,765,198	109,961,836	4,196,638	3.97%

* Actuals subject to year-end adjustments and accrual

** Totals may vary slightly from computer generated budget reports due to rounding

Recorded Vote Upon the Request of Councillor Horsfield:

Yeas: Councillors Horsfield, King, Mallah, Bain, Mitchell, Lowery, Gardiner, Mayne and Mayor Chirico.

Nays: Councillors Vrebosch and Inch.

Carried

5.2 2024 District of Nipissing Social Services Administration Board - Operating Budget (except Healthy Communities Fund)

Councillor Vrebosch declared a conflict on this item as "DNSSAB is my employer".

Res. # 2024-89

Moved by Councillor Horsfield
Seconded by Councillor Inch

That General Government Committee Report No. 2024-06 relating to:

- 2024 Operating Budget – District of Nipissing Social Services Administration Board (except Healthy Communities Fund)

be adopted as presented.

General Government Committee Report No. 2024-06

April 2, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The General Government Committee presents Report No. 2024-06 and recommends:

That:

1. the City of North Bay's share of the District of Nipissing Social Services Administration Board's (DNSSAB) 2024 levy in the amount of \$14,008,425 (save and except the City's Share of the DNSSAB's Healthy Communities Fund of \$78,821) be approved.

All of which is respectfully submitted.

Carried

5.3 2024 District of Nipissing Social Services Administration Board's Healthy Communities Fund

Councillor Vrebosch declared a conflict on this item as "DNSSAB is my employer".

Councillor Mitchell declared a conflict on this item as "my employer receives funding from this program".

Res. # 2024-90

Moved by Councillor Horsfield

Seconded by Councillor Inch

That General Government Committee Report No. 2024-07 relating to:

- 2024 Operating Budget – District of Nipissing Social Services Administration Board’s Healthy Communities Fund

be adopted as presented.

General Government Committee Report No. 2024-07

April 2, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The General Government Committee presents Report No. 2024-07 and recommends:

That:

1. the City of North Bay’s share of the District of Nipissing Social Services Administration Board’s 2024 Healthy Communities Fund of \$78,821 be approved.

All of which is respectfully submitted.

Carried

5.4 2024 North Bay Parry Sound District Health Unit Operating Budget

Councillor Mallah declared a conflict on this item as "The North Bay Parry Sound District Health Unit is my employer".

Res. # 2024-91

Moved by Councillor Horsfield
Seconded by Councillor Inch

That General Government Committee Report No. 2024-08 relating to:

- 2024 Operating Budget – North Bay Parry Sound District Health Unit

be adopted as presented.

General Government Committee Report No. 2024-08

April 2, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The General Government Committee presents Report No. 2024-08 and recommends:

That:

1. the City of North Bay's share of the North Bay Parry Sound District Health Unit's 2024 levy of \$1,687,970 be approved.

All of which is respectfully submitted.

Carried

5.5 2024 Clean, Green and Beautiful and Commissionaires and Security Services Operating Budget

Councillor Lowery declared a conflict on this item as "I have signing authority for Clean, Green and Beautiful" and "my son is a contracted by-law officer".

Res. # 2024-92

Moved by Councillor Horsfield
Seconded by Councillor Inch

That General Government Committee Report No. 2024-09 relating to:

- 2024 Operating Budget – Clean, Green and Beautiful and Commissionaires and Security Services

be adopted as presented.

General Government Committee Report No. 2024-09

April 2, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The General Government Committee presents Report No. 2024-09 and recommends:

That:

1. the City of North Bay's contribution to Clean, Green and Beautiful of \$50,000; and
2. the City's budget for Commissionaires and Security Services of \$242,000 be approved.

All of which is respectfully submitted.

Carried

5.6 2024 General Capital Budget and Water and Wastewater Capital Budget

Res. # 2024-93

Moved by Councillor Horsfield
Seconded by Councillor Inch

That General Government Committee Report No. 2024-10 relating to:

- 2024 General Capital Budget and Water and Wastewater Capital Budget

be adopted as presented.

General Government Committee Report No. 2024-10

April 2, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The General Government Committee presents Report No. 2024-10 and recommends:

That:

1. Council adopt the 2024 General Capital Budget as presented in attached Schedule "A" for Capital Projects to be funded from Capital Levy, Debentures, Federal and Provincial Government Grant Programs, Development

Charges, Reserves and other contributions totalling \$56,489,045;

2. Council adopt the 2024 Water and Wastewater Capital Budget as presented in attached Schedule "B" for Water and Wastewater Capital projects to be funded from Water and Wastewater Rates, Debentures, Federal and Provincial Government Grant Programs, Development Charges, Reserves and other contributions totaling \$19,555,407;
3. Council approve the required transfers to and from the various funds in accordance with the 2024 Adopted Capital Budgets;
4. Council authorize the Chief Financial Officer/City Treasurer to process the budget transfers during the fiscal year, which do not change the overall approved Net Budgets; and
5. a By-Law be presented to Council for three readings on April 2, 2024 authorizing the expenditure of funds approved by the 2024 General Capital Budget and the 2024 Water and Wastewater Capital Budget.

All of which is respectfully submitted.

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
6780FD - Fire Bunker Gear Replacement Program 2024 On-going	AIM	-	44,000	-	238,000	32,000	40,000	15,000	15,000	150,000	40,000	40,000	614,000
6781FD - Fire Equipment Replacement 2024 On-going	AIM	-	61,740	61,740	61,740	46,305	63,000	63,000	63,000	67,000	67,000	67,000	621,525
6782FD - Fire Facilities Management Program 2024 On-going	AIM	-	72,674	-	97,822	-	102,971	-	102,971	-	102,971	-	479,409
6789RF - Memorial Gardens Rehab 2024 On-going	AIM	-	294,000	220,652	245,169	269,686	294,203	294,203	294,203	294,203	294,203	294,203	2,794,725
6794RF - Omischl Sports Complex Rehab Program 2024 On-going	AIM	-	62,720	64,680	66,640	68,600	70,560	73,500	73,500	73,500	73,500	73,500	700,700

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit													
Business Unit	Project Classification	LTD Approved Budget	Forecast										Total
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Community Services													
6797PR - Parks and Playground Rehab Program 2024 On-going	AIM	-	304,780	313,600	322,420	331,240	340,060	352,800	352,800	352,800	352,800	352,800	3,376,100
6798PR - Parks Building Rehab 2024 On-going	AIM	-	102,900	102,900	105,350	105,350	107,800	107,800	107,800	112,700	112,700	112,700	1,082,900
6800PR - Parks Equipment Replacement Program 2024 On-going	AIM	-	51,940	53,900	55,860	57,820	59,780	61,740	61,740	61,740	61,740	61,740	588,000
6801PR - Parks Master Plan 2024 On-going	SI	-	146,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	1,910,000
6803RF - Pete Palangio Rehab Program 2024 On-going	AIM	-	-	200,000	50,000	200,000	250,000	250,000	250,000	250,000	250,000	250,000	1,950,000
6805RF - Recreation Facilities Rehab and Development 2024 On-going	AIM	-	539,000	539,000	539,000	539,000	539,000	539,000	539,000	539,000	539,000	539,000	5,390,000
6817PR - Trail and Supporting Hard Surfaces Rehab 2024 On-going	AIM	-	258,720	266,560	284,200	292,040	299,880	308,700	308,700	308,700	308,700	308,700	2,944,900
6827PR - Waterfront Rehab Program 2024 On-going	AIM	-	134,260	138,180	142,100	146,020	149,940	156,800	156,800	156,800	156,800	156,800	1,494,500
Total Community Services		7,441,634	24,891,244	36,301,944	5,111,501	3,158,221	5,374,483	3,100,823	2,620,494	2,852,523	2,649,494	2,546,523	96,048,884
Corporate Services													
4352GG - Mail Machine and Sorter	AIM	-	40,000	-	-	-	-	-	-	-	-	-	40,000
6815GG - System Technology Program 2024 On-going	AIM	-	706,500	542,345	509,173	478,498	412,918	587,435	577,051	599,769	361,591	551,519	5,326,799
Total Corporate Services		-	746,500	542,345	509,173	478,498	412,918	587,435	577,051	599,769	361,591	551,519	5,366,799
General Government													
4335GG - Administration and Overhead	SI	574,229	597,454	612,391	627,700	643,393	659,478	675,965	692,864	710,185	727,940	746,139	7,267,738
4336GG - Asset Management Transition	SI	215,390	274,129	293,386	302,541	309,407	316,748	322,856	331,907	341,795	351,045	358,066	3,417,270
4353GG - Organizational Review Implementation	SI	-	250,000	150,000	155,000	-	-	-	-	-	-	-	555,000
8024FL - Vehicle and Equipment Life Cycle 2024	R,F	-	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	30,000,000
Total General Government Infrastructure & Operations		789,619	4,121,583	4,055,777	4,085,241	3,952,800	3,976,226	3,998,821	4,024,771	4,051,980	4,078,985	4,104,205	41,240,008
3302ST - Trunk Sewer Rehab - Pinewood Fingers Creek	AIM	-	-	-	-	-	-	-	-	-	-	-	260,000
3405PK - Parking Property Acquisition Program	R	300,000	300,000	-	300,000	-	-	-	-	294,000	-	-	1,194,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater		Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
3506ST - Stormwater Management - Overland Flow Control Study		AIM	-	-	105,000	-	-	-	-	-	-	-	-	105,000
3518PR - King's Landing Commercialization of Waterfront	R,F	SI	756,181	-	-	980,000	4,998,000	4,998,000	4,998,000	-	-	-	-	16,730,181
3700RD - Seymour St. - Station to Wallace - Widening and Signals	✓	G	176,400	-	3,530,000	-	-	-	-	-	-	-	-	3,706,400
3700ST - Seymour St. - Station to Wallace - Widening and Signals	✓	G	68,600	-	1,500,000	-	-	-	-	-	-	-	-	1,568,600
3701RD - Norman/Chapais Connection Watermain	✓	SI	-	-	-	-	-	-	-	-	-	100,000	-	100,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater		Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Infrastructure & Operations														
3701ST - Norman/Chapais Connection Watermain	✓	SI	-	-	-	-	-	-	-	-	-	-	50,000	50,000
3715RD - Pinewood Park & Lakeshore Drive Intersection Reconstruction	R,F	G	600,000	-	4,120,000	-	-	-	-	-	-	-	-	4,720,000
3801RD - McKeown Ave. Widening - Gormanville to Cartier	✓	G	5,640,000	2,485,900	-	-	-	-	-	-	-	-	-	8,125,900
3801ST - McKeown Ave. Widening - Gormanville to Cartier	✓	G	1,082,000	1,340,000	-	-	-	-	-	-	-	-	-	2,422,000
3802RD - Lakeshore Dr. - Trunk Watermain and Sewer - Phase 2 - Gertrude to Marshall	✓	AIM	-	-	-	-	-	-	-	-	-	-	445,000	445,000
3802ST - Lakeshore Dr. - Trunk Watermain and Sewer - Phase 2 - Gertrude to Marshall	✓	AIM	-	-	-	-	-	-	-	-	-	-	115,000	115,000
3810RD - Main St. - Gormanville to Memorial	✓	G	-	-	-	-	195,000	-	-	3,770,000	-	-	-	3,965,000
3800ST - Main St. - Gormanville to Memorial	✓	G	-	-	-	-	80,000	-	-	1,490,000	-	-	-	1,570,000
3802RD - Lakeshore Dr. (ONR Overpass)		AIM	-	-	-	-	-	-	-	-	-	35,000	320,000	355,000
3803RD - Trout Lake Rd. (ONR Overpass)		AIM	-	-	-	-	-	-	-	-	-	35,000	320,000	355,000
3818RD - Premier Pumping Station Replacement	✓	AIM	650,000	-	700,000	-	-	-	-	-	-	-	-	1,350,000
3822PK - Parking Strategy for Downtown and Waterfront		SI	76,750	75,000	-	-	-	-	-	-	-	-	-	151,750
3830GD - Merrick Landfill Gas (LFG) Collection Infrastructure	R	G	685,824	-	150,000	637,000	-	-	-	147,000	637,000	-	-	2,256,824
3900RD - Cedar Heights Rd. - Highway 11 to Larocque Urban Upgrade and Watermain	✓	SI	-	-	-	-	-	-	-	-	-	320,000	-	320,000
3900ST - Cedar Heights Rd. - Highway 11 to Larocque Urban Upgrade and Watermain	✓	SI	-	-	-	-	-	-	-	-	-	135,000	-	135,000
3908ST - Trunk Sewer Rehab - Eastview Tributary System		AIM	-	-	-	-	-	-	-	-	-	130,000	1,310,000	1,440,000
3909RD - Worthington, Wyld, Sherbrooke, Second 4" Watermain Replacement	✓	AIM	-	-	-	-	-	-	-	-	-	160,000	3,060,000	3,220,000
3909ST - Worthington, Wyld, Sherbrooke, Second 4" Watermain Replacement	✓	AIM	-	-	-	-	-	-	-	-	-	70,000	1,310,000	1,380,000
3910ST - Chippewa Creek and Airport Heights Stormwater Retention		G	50,000	-	-	-	3,380,000	-	-	-	-	-	-	3,430,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

	Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
3919RD - Metcalfe St - Laurier to End	✓	AIM	40,000	-	-	-	760,000	-	-	-	-	-	-	800,000
3919ST - Metcalfe St - Laurier to End	✓	AIM	30,000	-	-	-	530,000	-	-	-	-	-	-	560,000
3926GD - Merrick Landfill Lifecycle Extension Environmental Assessment		AIM	100,000	-	-	-	490,000	1,568,000	5,782,000	-	-	-	-	7,940,000
3932RD - Lakeshore Dr. - Jessups Creek to Premier Road		AIM	110,000	-	2,790,000	-	-	3,040,000	-	-	-	-	-	5,940,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit														
Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Infrastructure & Operations														
3932ST - Lakeshore Dr. - Jessups Creek to Premier Road	✓	AIM	30,000	-	860,000	-	-	940,000	-	-	-	-	-	1,830,000
4005RD - Pinewood Park Drive Widening (Lakeshore Drive to Decaire Road)		G	-	-	120,000	-	-	3,120,000	-	-	-	-	-	3,240,000
4018TR - Transit Fleet Garage and Bus Barn Upgrades: Health and Safety	F	AIM	318,512	63,000	-	-	-	-	-	-	-	-	-	381,512
4020TR - New Bus Shelters and Digital Signage	F	SI	282,240	158,761	-	-	-	-	-	-	-	-	-	441,001
4021TR - Construction of Sidewalks for Transit Routes	F	SI	3,276,710	1,983,491	1,286,650	-	-	-	-	-	-	-	-	6,546,851
4032RD - O'Brien St. Reconstruction - Cassells to Ski Club	✓	AIM	-	-	-	-	-	-	-	530,000	10,200,000	-	-	10,730,000
4032ST - O'Brien St. Reconstruction - Cassells to Ski Club	✓	AIM	-	-	-	-	-	-	-	225,000	4,340,000	-	-	4,565,000
4044RD - Road Condition Inspection		AIM	-	255,000	-	-	-	285,000	-	-	-	-	-	540,000
4081GG - City Hall Accessibility Upgrades		AIM	-	100,000	-	-	830,000	-	-	-	-	-	-	930,000
4092RD - Ellendale Pumping Station Second Feed to Airport	✓	SI	-	-	55,000	1,040,000	-	-	-	-	-	-	-	1,095,000
4106RD - Queen St. Culvert Replacement		AIM	-	-	1,070,000	-	-	-	-	-	-	-	-	1,070,000
4109RD - Trout Lake Rd. & Laurentian Ave. Intersection Reconstruction	F	AIM	-	-	-	-	-	-	-	185,000	4,190,000	-	-	4,375,000
4115PK - Innovation Hub	✓	G	110,000	-	1,040,000	-	-	-	-	-	-	-	-	1,150,000
4115RD - Innovation Hub	✓	G	40,000	-	730,000	-	-	-	-	-	-	-	-	770,000
4115ST - Innovation Hub	✓	G	20,000	-	420,000	-	-	-	-	-	-	-	-	440,000
4124RD - Francis St. Sewer Upsizing (Surrey to Greenhill)	✓	G	-	-	-	-	-	135,000	2,550,000	-	-	-	-	2,685,000
4124ST - Francis St. Sewer Upsizing (Surrey to Greenhill)	✓	G	-	-	-	-	-	95,000	1,800,000	-	-	-	-	1,895,000
4125RD - Lakeshore Dr. Area - Trunk Watermain and Sewer - Phase 1 - Judge to Gertrude	✓	AIM	-	-	-	395,000	-	7,930,000	-	-	-	-	-	8,325,000
4125ST - Lakeshore Dr. Area - Trunk Watermain and Sewer - Phase 1 - Judge to Gertrude	✓	AIM	-	-	-	100,000	-	1,930,000	-	-	-	-	-	2,030,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
4201PK - Downtown Parking Facilities	SI	-	-	-	-	-	490,000	3,381,000	-	-	-	-	3,871,000
4203GD - Leachate Management - Future Cells	R	250,000	-	-	-	2,156,000	-	245,000	-	2,156,000	-	-	4,807,000
4205RD - Climate Change Initiatives	SI	100,000	-	-	-	-	-	-	-	1,210,000	-	-	1,310,000
4207ST - Stormwater Outfall Repair and Rehabilitation	AIM	49,000	-	-	-	-	230,000	-	-	-	-	-	279,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater		Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Infrastructure & Operations														
4208RD	- Four Mile Lake Rd. Extension to Highway 11	F	G	607,600	-	-	-	-	-	-	-	-	8,620,000	9,227,600
4209GG	- City Hall Customer Service Centre & Lobby Renovations		AIM	-	343,137	343,137	-	-	-	-	-	-	-	686,274
4210GD	- Waste Diversion Facility	✓	AIM	400,000	-	3,000,000	-	-	-	-	-	-	-	3,400,000
4215RD	- Local Road Reconstruction		AIM	-	-	-	-	294,000	-	-	2,940,000	-	-	3,234,000
4216RD	- Memorial Rehabilitation		AIM	-	-	-	-	-	-	-	1,470,000	-	-	1,470,000
4217TR	- Transit Electrification		AIM	-	-	-	-	-	-	-	1,960,000	-	-	1,960,000
4300RD	- Airport Industrial Park Expansion	✓	R,F	578,200	-	-	10,930,000	-	-	-	-	-	-	11,508,200
4300ST	- Airport Industrial Park Expansion	✓	F	49,000	-	-	1,210,000	-	-	-	-	-	-	1,259,000
4302RD	- Pearson St. and Bank St. Culvert Replacements		AIM	9,800	10,000	130,000	-	-	-	-	-	-	-	149,800
4303ST	- Pearson St. and Bank St. Culvert Replacements		AIM	39,200	55,000	1,000,000	-	-	-	-	-	-	-	1,094,200
4303RD	- Premier Sidewalk and Resurfacing		F	-	1,759,859	-	-	-	-	-	-	-	-	1,759,859
4304ST	- Airport Road Storm Sewer		AIM	24,500	40,000	650,000	-	-	-	-	-	-	-	714,500
4305PK	- Carousel Parking Lot Paving		F	-	-	-	-	-	-	-	-	1,250,000	-	1,250,000
4306PR	- Mini-Train Underpass Pedestrian Walkway		F	-	-	1,520,000	-	-	-	-	-	-	-	1,520,000
4307RD	- Champlain & McKeown Intersection Improvements		AIM	-	130,000	1,600,000	-	-	-	-	-	-	-	1,730,000
4308RD	- Main St. Alleyway Drainage Improvements		F	-	15,000	270,000	-	-	-	-	-	-	-	285,000
4309SL	- Oak Pedestrian Crossing		AIM	-	100,000	-	-	-	-	-	-	-	-	100,000
4310RD	- Pearce St. Extension to Tower Dr.	✓	F	88,200	-	1,720,000	-	-	-	-	-	-	-	1,808,200
4310ST	- Pearce St. Extension to Tower Dr.	✓	F	44,100	-	910,000	-	-	-	-	-	-	-	954,100

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater		Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
4311RD - Trout Lake Road Resurfacing (Highway 11/17 to Giroux)	F	AIM	-	100,000	3,460,000	-	-	-	-	-	-	-	-	3,560,000
4316ST - Storm Sewer Condition Assessment		AIM	-	406,141	-	-	-	-	-	-	-	-	-	406,141
4319RD - Jane St. Reconstruction (Timmins to Algonquin)	▼	AIM	-	-	-	-	-	-	-	-	-	-	210,000	210,000
4319ST - Jane St. Reconstruction (Timmins to Algonquin)	▼	AIM	-	-	-	-	-	-	-	-	-	-	90,000	90,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit													
Business Unit	Project Description	Link to Water and Wastewater	Project Classification	LTD Approved Budget			Capital Forecast						Total
				2024	2025	2026	2027	2028	2029	2030	2031	2032	
Infrastructure & Operations													
4330TR	Construction of Sidewalks for Transit Routes - Phase 2	F	SI	295,338	-	-	2,419,655	1,533,899	1,645,483	2,179,721	-	-	8,074,096
4334ST	Storm Sewer Rehabilitation		AIM	-	-	-	3,000,000	-	-	-	-	-	3,000,000
4340ST	Laurentian Heights Stormwater Management Pond	R	G	530,767	2,500,000	-	-	-	-	-	-	-	3,030,767
4344RD	O'Brien Street - Ski Club to Airport & Ski Club Signals	✓	AIM	-	80,000	1,480,000	-	-	-	-	-	-	1,560,000
4344ST	O'Brien Street - Ski Club to Airport & Ski Club Signals	✓	AIM	-	30,000	460,000	-	-	-	-	-	-	490,000
4354RD	Citywide Traffic Model		SI	-	100,000	-	-	-	-	-	-	-	100,000
4355RD	Kodiak Reconstruction	✓	AIM	-	60,000	1,090,000	-	-	-	-	-	-	1,150,000
4355ST	Kodiak Reconstruction	✓	AIM	-	45,000	840,000	-	-	-	-	-	-	885,000
4356RD	Marshall Bike Lanes		SI	-	-	-	220,000	-	-	-	-	-	220,000
4357RD	Signalized Pedestrian Crossing		SI	-	25,000	110,000	-	-	-	-	-	-	245,000
4358GD	Short-term Leachate Management Control System (STLMCS) Upgrades		AIM	-	500,000	-	-	-	-	-	-	-	500,000
4359RD	Princess (Cassells to Fraser)	✓	AIM	-	460,000	-	-	-	-	-	-	-	460,000
4359ST	Princess (Cassells to Fraser)	✓	AIM	-	320,000	-	-	-	-	-	-	-	320,000
4360RD	Duke (Cassells to Fraser)	✓	AIM	-	25,000	450,000	-	-	-	-	-	-	475,000
4360ST	Duke (Cassells to Fraser)	✓	AIM	-	20,000	310,000	-	-	-	-	-	-	330,000
4361SL	Marshall Park & Lakeshore Drive Traffic Signals		AIM	-	30,000	260,000	-	-	-	-	-	-	290,000
4362ST	Airport Heights & Cedar Heights Master Drainage Plans		SI	-	-	210,000	-	-	-	-	-	-	210,000
4365RD	Trout Lake Road Retaining Wall Replacement		AIM	-	-	-	-	-	-	160,000	-	3,200,000	3,360,000
4365ST	Trout Lake Road Retaining Wall Replacement		AIM	-	-	-	-	-	-	20,000	-	320,000	340,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
6776RD - Downtown Roads Maintenance 2024 On-going	AIM	-	50,000	50,000	75,000	119,560	123,480	127,400	127,400	127,400	127,400	127,400	1,055,040
6778RD - Engineering Data and Equipment 2024 On-going	SI	-	20,000	21,000	22,000	22,000	23,000	24,000	24,000	25,000	26,000	27,000	234,000
6779RD - Equipment Replacement 2024 On-going	AIM	-	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	9,800	98,000
6785RD - Infrastructure Modelling 2024 On-going	AIM	-	-	10,000	11,000	11,000	12,000	12,000	12,000	13,000	13,000	14,000	108,000

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
4499PD - North Bay Police Service Headquarters Replacement (see additional request below)	AIM	-	115,000	-	30,000	840,000	1,650,000	-	1,665,000	-	-	200,000	4,500,000
6483AA - Cassellholme Redevelopment	SI	3,777,562	2,000,000	2,800,000	3,250,000	3,802,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	39,629,562
6767OC - Capitol Centre 2024 On-going	AIM	-	295,000	300,000	335,000	275,000	275,000	330,000	275,000	275,000	275,000	275,000	2,910,000
6790AT - North Bay Jack Garland Airport 2024 On-going	AIM	-	731,250	640,000	600,000	517,500	650,000	7,750,000	701,500	650,000	685,000	610,000	13,535,250

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
4346RF - Pete Palangio HVAC/HRB Replacements		-	(230,000)	-	-	-	-	-	-	-	-	-	(230,000)
4509TR - Transit Sidewalk Tractor		-	(49,206)	(49,408)	-	-	-	-	-	-	-	-	(98,614)
8024FL - Vehicle and Equipment Life Cycle 2024		-	(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)	(25,000,000)

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
4311RD - Trout Lake Road Resurfacing (Highway 11/17 to Giroux)		-	-	(3,000,000)	-	-	-	-	-	-	-	-	(3,000,000)
4330TR - Construction of Sidewalks for Transit Routes - Phase 2		(216,572)	-	-	-	(1,588,191)	(1,010,667)	(1,082,858)	(1,443,810)	-	-	-	(5,342,098)
4343PZ - Wayfinding		-	-	(150,000)	-	-	-	-	-	-	-	-	(150,000)
4347RF - Capital Centre & Museum Digital Display Signage		-	-	(100,000)	(100,000)	-	-	-	-	-	-	-	(200,000)
4348PR - Cricket Pitch Construction		-	(70,000)	-	(1,870,000)	-	-	-	-	-	-	-	(1,940,000)

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Grants and Other Funding Sources (F)													
4349PR - Engine 503 Diesel Static Display and Disposition of FP7A		-	-	(750,000)	-	-	-	-	-	-	-	-	(750,000)
4401RD - Sage Rd. Reconstruction to Collector Standard		-	-	-	-	-	-	-	-	(721,905)	-	-	(721,905)
4502TR - Transit Bus Shelter Upgrades		-	(56,962)	-	(6,191)	-	(60,677)	-	-	-	-	-	(123,830)
4503TR - Transit Terminal Upgrades: Lighting and Roof		-	(70,118)	-	-	(189,579)	-	-	-	-	-	-	(259,697)
4504TR - Transit Bus Feature Upgrades		-	-	(9,586)	(150,177)	-	-	-	-	-	-	-	(159,763)
4505TR - Transit Bus Barn Lighting		-	-	-	-	-	-	-	-	(16,866)	-	-	(16,866)
4506TR - Transit Terminal Facility Upgrades		-	(5,216)	(93,883)	(161,688)	-	-	-	-	-	-	-	(260,787)
4607TR - Transit Bus Wash Rehabilitation		-	-	-	-	-	-	-	(449,982)	-	-	-	(449,982)
4608TR - Transit Hoist		-	(40,331)	(44,466)	-	(49,023)	-	-	(56,750)	(59,588)	-	-	(250,158)
4609TR - Transit Sidewalk Tractor		-	(135,294)	(149,161)	-	-	-	-	-	-	-	-	(284,455)
6817PR - Trail and Supporting Hard Surfaces Rehab 2024 On-going		-	(50,000)	(50,000)	-	-	-	-	-	-	-	-	(100,000)
8024FL - Vehicle and Equipment Life Cycle 2024		-	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(5,000,000)
Ontario Community Infrastructure Fund (OCIF)													
Total Grants and Other Funding Sources (F)			(6,392,385)	(23,861,105)	(27,072,674)	(7,954,723)	(9,471,344)	(9,482,858)	(6,950,542)	(5,798,359)	(8,333,333)	(10,740,000)	(134,364,116)
Net General Capital Budget			19,553,502	46,766,865	30,079,443	30,490,142	33,900,419	44,274,460	27,221,992	33,410,911	33,204,894	29,779,578	356,671,388
Capital Funding Policy Limit													
Capital Levy in Operating Budget			(18,312,887)	(18,373,886)	(18,326,053)	(19,063,037)	(19,845,724)	(20,449,315)	(21,346,989)	(22,328,829)	(23,246,845)	(24,030,716)	(205,324,281)
Debtenture and Long-term Debt			(2,904,500)	(6,100,000)	(8,100,000)	(8,100,000)	(8,500,000)	(8,500,000)	(8,500,000)	(8,500,000)	(8,500,000)	(8,500,000)	(76,204,500)
Special Debt for Community Centre			-	(14,733,945)	-	-	-	-	-	-	-	-	(14,733,945)
Canadian Community Building Fund for Community & Recreation Centre			(3,460,396)	(3,460,396)	-	-	-	-	-	-	-	-	(6,920,792)
Canadian Community Building Fund			(3,311,399)	(3,449,374)	(3,449,374)	(3,587,349)	(3,587,349)	(3,587,349)	(3,587,349)	(3,587,349)	(3,587,349)	(3,587,349)	(35,321,590)
Target Policy for Net Expenditures (\$ Available) \$ Funding Needed			(27,989,182)	(46,117,601)	(29,875,427)	(30,750,386)	(31,933,073)	(32,536,664)	(33,434,338)	(34,416,176)	(35,334,194)	(36,118,065)	(338,505,109)
			-	649,264	204,016	(260,244)	1,967,346	11,737,796	(6,212,346)	(1,005,267)	(2,129,300)	(6,338,487)	(1,387,222)
Additional Requests from Service Partners:													
4499PD - North Bay Police Service Headquarters Replacement			-	-	-	-	-	-	-	23,000,000	23,000,000	-	46,000,000
6793LB - North Bay Public Library 2024 On-going			-	-	-	-	-	-	-	-	-	-	-

2024 General Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to Water and Wastewater	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
			-	-	-	-	-	6,250,000	6,250,000	6,250,000	6,250,000	6,250,000	25,000,000
			-	-	-	-	-	6,250,000	6,250,000	29,250,000	29,250,000	-	71,000,000

*LTD funds to be reallocated from project 3711RF in 2023 year-end variance report

**Project 4350PR renamed Pickleball Resurfacing from Centennial Parkette as per Special Committee Meeting March 20, 2024 with a total budget of \$100,000.

Schedule B
2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

	Link to General	Project Classification	LTD Approved Budget										Total		
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033			
Wastewater															
3700SS - Seymour St. - Station to Wallace - Widening and Signals	✓	G	58,800	1,120,000	-	-	-	-	-	-	-	-	-	-	1,178,800
3801SS - McKeown Ave. Widening - Gormanville to Cartier	✓	G	1,250,000	1,175,000	-	-	-	-	-	-	-	-	-	-	2,425,000
3802SS - Lakeshore Dr. - Trunk Watermain and Sewer - Phase 2 - Gertrude to Marshall	✓	AIM	-	-	-	-	-	-	-	-	-	-	-	260,000	260,000
3810SS - Main St. - Gormanville to Memorial	✓	G	-	-	-	-	340,000	-	-	-	-	-	-	-	7,060,000
3818SS - Premier Pumping Station Replacement	✓	AIM	2,850,000	1,420,000	-	-	-	-	-	-	-	-	-	-	4,270,000
3825SS - Wastewater Treatment Plant - Intake Chamber Replacement	F	AIM	5,686,500	5,659,944	-	-	-	-	-	-	-	-	-	-	11,346,444
3907SS - Cedar Heights Rd. - Highway 11 to Larocque Urban Upgrade and Watermain	✓	SI	-	-	-	-	-	-	-	-	-	-	195,000	-	195,000
3909SS - Worthington, Wylid, Sherbrooke, Second 4" Watermain Replacement	✓	AIM	-	-	-	-	-	-	-	-	-	-	100,000	1,870,000	1,970,000
3919SS - Metcalfe St - Laurier to End	✓	AIM	30,000	-	-	760,000	-	-	-	-	-	-	-	-	790,000
3932SS - Lakeshore Dr. - Jessups Creek to Premier Road	✓	AIM	40,000	1,420,000	-	-	1,550,000	-	-	-	-	-	-	-	3,010,000
4030SS - Sanitary Sewer Relining	F	AIM	98,000	1,326,000	-	-	-	-	-	-	-	-	-	-	1,424,000
4032SS - O'Brien St. Reconstruction - Cassells to Ski Club	✓	AIM	-	-	-	-	-	-	-	-	-	320,000	-	6,190,000	6,510,000
4037SS - Sage Area Trunk Sewer Improvements		AIM	-	-	160,000	3,280,000	-	-	-	-	-	-	-	-	3,440,000
4103SS - Wastewater Treatment Plant Expansion	R	AIM	1,523,000	477,000	2,940,000	2,940,000	245,000	9,163,000	-	-	-	-	-	-	17,288,000
4115SS - Innovation Hub	✓	G	10,000	-	110,000	-	-	-	-	-	-	-	-	-	120,000
4124SS - Francis St. Sewer Upsizing (Surrey to Greenhill)	✓	G	-	-	-	-	-	140,000	2,720,000	-	-	-	-	-	2,860,000
4125SS - Lakeshore Dr. Area - Trunk Watermain and Sewer - Phase 1 - Judge to Gertrude	✓	AIM	-	-	-	225,000	-	4,470,000	-	-	-	-	-	-	4,695,000

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

	Link to General	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
4210SS - Waste Diversion Facility	✓	AIM	-	-	-	250,000	-	-	-	-	-	-	-	250,000
4300SS - Airport Industrial Park Expansion	F ✓	G	147,000	-	-	-	19,350,000	-	-	-	-	-	-	19,497,000
4310SS - Pearce St. Extension to Tower Dr.	F ✓	G	53,900	-	1,010,000	-	-	-	-	-	-	-	-	1,063,900
4313SS - Pumping Station Condition Assessments		AIM	-	250,000	-	-	-	-	-	-	-	-	-	250,000
4317SS - Sanitary Sewer Condition Assessment		AIM	-	500,000	-	-	-	-	-	-	-	-	-	500,000

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit														
Wastewater	Link to General	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
				4319SS - Jane St. Reconstruction (Timmins to Algonquin)	▼	AIM	-	-	-	-	-	-	-	-
4321SS - Wastewater Treatment Plant Heat Exchanger and Sludge Transfer Piping		AIM	-	-	-	-	-	-	-	-	-	4,900,000	-	4,900,000
4322SS - Wastewater Treatment Plant Blower Replacement		AIM	-	-	-	-	-	-	-	-	-	3,920,000	-	3,920,000
4324SS - Algonquin Sanitary Sewer Rehab		AIM	-	-	-	-	-	-	-	-	-	1,870,000	-	1,870,000
4325SS - Fisher Sanitary Sewer Rehab		AIM	-	-	-	-	-	-	-	-	-	3,110,000	-	3,110,000
4335GG - Administration and Overhead	▼	SI	139,455	145,096	148,723	152,442	156,253	160,159	164,163	168,267	172,474	176,786	181,205	1,765,023
4355SS - Asset Management Transition	▼	SI	54,000	50,000	50,000	50,000	-	99,000	118,000	100,000	75,000	50,000	25,000	632,000
4364SS - O'Brien Street - Ski Club to Airport & Ski Club Signals	▼	AIM	-	40,000	660,000	-	-	-	-	-	-	-	-	700,000
4365SS - King's Landing Pumping Station Replacement		AIM	-	80,000	1,560,000	-	-	-	-	-	-	-	-	1,640,000
4355SS - Kodiak Reconstruction	▼	AIM	-	50,000	980,000	-	-	-	-	-	-	-	-	1,030,000
4359SS - Princess (Cassells to Fraser)	▼	AIM	-	460,000	-	-	-	-	-	-	-	-	-	460,000
4360SS - Duke (Cassells to Fraser)	▼	AIM	-	25,000	450,000	-	-	-	-	-	-	-	-	475,000
4363SS - Centrifuge Replacement		AIM	-	-	-	-	-	-	-	-	-	-	2,000,000	2,000,000
4401SS - Sage Rd. Reconstruction to Collector Standard	▼	G	-	-	-	-	-	-	65,000	-	1,260,000	-	-	1,325,000
4402SS - Chippewa Trunk Sewer Major Rehabilitation & Replacement		AIM	-	-	-	-	-	-	-	-	-	250,000	3,920,000	4,170,000
4500SS - Franklin & John Trunk Watermain	▼	SI	-	-	-	-	-	-	-	-	-	-	225,000	225,000
6771SS - City Share of Development Costs 2024 On-going	▼	G	-	150,000	155,000	160,000	164,000	169,000	174,000	180,000	185,000	191,000	196,000	1,724,000

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

	Link to General	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
6773SS - Design Work Next Year's Projects 2024 On-going	✓	AIM	-	34,000	36,000	37,000	38,000	39,000	40,000	41,000	42,000	44,000	45,000	396,000
6774SS - Digester and Grit Removal 2024 On-going		AIM	-	500,000	-	-	-	-	200,000	-	-	200,000	-	900,000
6778SS - Engineering Data and Equipment 2024 On-going	✓	SI	-	15,000	16,000	16,000	17,000	17,000	18,000	18,000	19,000	20,000	20,000	176,000
6785SS - Infrastructure Modelling 2024 On-going	✓	AIM	-	10,000	11,000	11,000	11,000	12,000	12,000	12,000	13,000	13,000	14,000	119,000
6808SS - Sewage Lift Stations 2024 On-going		AIM	-	78,400	78,400	78,400	78,400	78,400	78,400	78,400	78,400	78,400	78,400	784,000

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Project	Link to General	Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
3932WS - Lakeshore Dr. - Jessups Creek to Premier Road	✓	AIM	30,000	-	1,280,000	-	-	1,400,000	-	-	-	-	-	2,710,000
4003WS - Membrane Module Replacement		AIM	-	-	3,000,000	1,500,000	1,500,000	-	-	-	-	-	-	6,000,000
4031WS - Public Works Building Rehab		AIM	-	98,000	-	500,000	-	-	980,000	-	-	-	-	1,578,000
4032WS - O'Brien St. Reconstruction - Cassells to Ski Club	✓	AIM	-	-	-	-	-	-	-	-	-	340,000	6,480,000	6,820,000
4102WS - Ellendale Pumping Station Second Feed to Airport	✓	SI	-	-	105,000	1,870,000	-	-	-	-	-	-	-	1,975,000
4115WS - Innovation Hub	✓	G	20,000	-	420,000	-	-	-	-	-	-	-	-	440,000

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

	Link to General	Project Classification	LTD Approved Budget										Total		
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033			
Water															
4124WS - Francis St. Sewer Upsizing (Surrey to Greenhill)	✓	G	-	-	-	-	-	-	140,000	2,670,000	-	-	-	-	2,810,000
4125WS - Lakeshore Dr. Area - Trunk Watermain and Sewer - Phase 1 - Judge to Gertrude	✓	AIM	-	-	-	230,000	-	-	4,610,000	-	-	-	-	-	4,840,000
4210WS - Waste Diversion Facility	✓	AIM	-	-	250,000	-	-	-	-	-	-	-	-	-	250,000
4212WS - Water Treatment Plant Major Equipment Replacement		AIM	-	-	-	-	-	-	294,000	-	4,410,000	-	-	-	4,704,000
4213WS - Airport Standpipe Major Equipment Replacement		AIM	-	-	-	-	-	-	294,000	-	980,000	-	-	-	1,274,000
4214WS - Ellendale Structural Repairs		AIM	-	-	-	-	-	-	294,000	-	4,410,000	-	-	-	4,704,000
4300WS - Airport Industrial Park Expansion	✓	G	254,800	-	-	-	5,250,000	-	-	-	-	-	-	-	5,504,800
4310WS - Pearce St. Extension to Tower Dr.	✓	G	39,200	810,000	-	-	-	-	-	-	-	-	-	-	849,200
4328WS - Watermain Condition Inspections		AIM	-	500,000	-	-	-	-	-	-	-	-	-	-	500,000
4339WS - Jane St. Reconstruction (Timmins to Algonquin)	✓	AIM	-	-	-	-	-	-	-	-	-	-	-	135,000	135,000
4323WS - Water Plant & Facilities Condition Assessment Update		AIM	-	98,000	98,000	-	-	-	-	-	-	-	-	-	196,000
4326WS - Ellendale Check Valve Replacement		AIM	-	686,000	-	-	-	-	-	-	-	-	-	-	686,000
4335GG - Administration and Overhead	✓	SI	106,642	110,956	113,730	116,573	119,487	122,474	125,536	128,675	131,892	135,189	138,569	1,349,723	
4336WS - Asset Management Transition	✓	SI	-	22,000	104,000	7,000	113,000	112,000	12,000	41,000	75,000	50,000	25,000	561,000	
4344WS - O'Brien Street - Ski Club to Airport & Ski Club Signals	✓	AIM	-	40,000	690,000	-	-	-	-	-	-	-	-	-	730,000
4355WS - Kodiak Reconstruction	✓	AIM	-	55,000	-	1,020,000	-	-	-	-	-	-	-	-	1,075,000
4359WS - Princess (Cassells to Fraser)	✓	AIM	-	480,000	-	-	-	-	-	-	-	-	-	-	480,000

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

	Link to General	Project Classification	LTD Approved Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
4360WS - Duke (Cassells to Fraser)	✓	AIM	-	25,000	470,000	-	-	-	-	-	-	-	-	495,000
4364WS - Lee Park Watermain Rehab		AIM	-	1,500,000	-	-	-	-	-	-	-	-	-	1,500,000
4401WS - Sage Rd. Reconstruction to Collector Standard	✓	G	-	-	-	-	-	-	105,000	-	2,020,000	-	-	2,125,000
4500WS - Franklin & John Trunk Watermain	✓	SI	-	-	-	-	-	-	-	-	-	-	280,000	280,000
6771WS - City Share of Development Costs 2024 On-going	✓	R	-	150,000	155,000	160,000	164,000	169,000	174,000	180,000	185,000	191,000	196,000	1,724,000
6773WS - Design Work Next Year's Projects 2024 On-going	✓	AIM	-	115,000	119,000	123,000	126,000	130,000	134,000	138,000	142,000	146,000	151,000	1,324,000

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit														
Water	Link to General	Project Classification	LTD Approved Budget										Total	
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		
6779WS - Equipment Replacement 2024 On-going	✓	AIM	14,700	14,700	14,700	14,700	14,700	14,700	15,000	15,000	15,000	15,000	15,000	148,500
6783WS - Flush Watermains 2024 On-going		AIM	196,000	196,000	196,000	196,000	201,880	201,880	205,800	205,800	205,800	205,800	205,800	2,014,880
6785WS - Infrastructure Modelling 2024 On-going	✓	AIM	10,000	11,000	11,000	11,000	12,000	12,000	12,000	12,000	13,000	13,000	14,000	119,000
6804WS - Public Works Building Maintenance 2024 On-going	✓	AIM	24,500	24,500	24,500	24,500	25,480	25,480	25,480	25,480	25,480	25,480	25,480	250,880
6815WS - System Technology Program 2024 On-going	✓	AIM	128,451	128,451	128,451	128,451	132,314	132,314	132,314	132,314	132,314	132,314	132,314	1,307,688
6823WS - Water Meter & Radio Upgrade 2024 On-going		AIM	245,000	245,000	245,000	245,000	-	-	-	-	-	490,000	490,000	1,715,000
6826WS - Water Plant Maintenance 2024 On-going		AIM	294,000	294,000	294,000	294,000	302,820	302,820	303,800	303,800	303,800	303,800	303,800	2,997,820
6826WS - Water Reservoir Upgrades 2024 On-going		AIM	287,140	-	574,280	287,140	294,000	294,000	294,000	294,000	294,000	294,000	294,000	2,912,560
6838WS - Watermain Rehab and Restoration 2024 On-going		AIM	801,640	801,640	801,640	801,640	826,140	826,140	828,100	828,100	828,100	828,100	828,100	8,173,200
6842WS - Watermain Replace/Ream/Reline 2024 On-going		AIM	216,580	216,580	216,580	216,580	223,440	223,440	225,400	225,400	225,400	225,400	225,400	2,216,760
Total Water			6,867,967	9,016,601	8,897,724	16,516,498	5,581,248	5,581,248	9,204,430	7,429,569	16,246,786	3,825,083	12,264,463	98,702,071
Total Water and Wastewater Reserve Funding (R)			19,555,407	16,745,724	18,089,566	45,514,151	10,088,487	10,088,487	25,844,593	19,268,836	20,085,260	21,064,869	29,416,668	240,469,918
4003WS - Membrane Module Replacement			-	-	(597,000)	-	-	-	-	-	-	-	-	(597,000)
4103SS - Wastewater Treatment Plant Expansion			(293,000)	-	-	-	-	-	-	-	-	-	-	(463,000)
4125SS - Lakeshore Dr. Area - Trunk Watermain and Sewer - Phase 1 - Judge to Gertrude			-	-	-	-	-	-	(255,000)	-	-	-	-	(255,000)
4125WS - Lakeshore Dr. Area - Trunk Watermain and Sewer - Phase 1 - Judge to Gertrude			-	-	-	-	-	-	(110,000)	-	-	-	-	(110,000)
6771WS - City Share of Development Costs 2024 On-going			-	(150,000)	(160,000)	-	-	-	-	-	-	-	-	(465,000)
6830SS - Wastewater Treatment Plant - Structural Repairs 2024 On-Going			-	(116,000)	-	-	-	-	-	-	-	-	-	(116,000)
Total Reserve Funding (R)			(293,000)	(436,000)	(155,000)	(757,000)	-	-	(365,000)	-	-	-	-	(2,006,000)

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Project Classification	LTD Approved Budget	2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit											Total	
		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033			
Grants and Other Funding Sources (F)														
3825SS - Wastewater Treatment Plant - Intake Chamber Replacement	-	(3,100,000)	-	-	-	-	-	-	-	-	-	-	-	(3,100,000)
4030SS - Sanitary Sewer Relining	-	(1,088,072)	-	-	-	-	-	-	-	-	-	-	-	(1,088,072)
4300SS - Airport Industrial Park Expansion	-	-	-	-	(12,890,000)	-	-	-	-	-	-	-	-	(12,890,000)
4300WS - Airport Industrial Park Expansion	-	-	-	-	(3,490,000)	-	-	-	-	-	-	-	-	(3,490,000)
4310SS - Pearce St. Extension to Tower Dr.	-	-	(600,000)	-	-	-	-	-	-	-	-	-	-	(600,000)

2024 Water and Wastewater Capital Budget and Capital Forecast for 2025 to 2033 by Business Unit

Link to General	Project Classification	LTD Approved											Total		
		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033				
Grants and Other Funding Sources (F)															
	4310WS - Pearce St. Extension to Tower Dr.	-	-	-	-	-	-	-	-	-	-	-	-	-	(700,000)
	Ontario Community Infrastructure Fund (OCIF)	-	-	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(4,500,000)
	Grants and Other Funding Sources (F)	(4,188,072)	(1,800,000)	(500,000)	(16,880,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(26,368,072)
	Net Water and Wastewater Capital Budget	14,499,357	14,931,335	16,832,566	28,634,151	9,588,487	24,979,593	18,768,836	19,589,260	20,564,869	28,916,668	(500,000)	(500,000)	(500,000)	212,095,846
	Capital Funding Policy Limit														
	Capital Levy In Water and Wastewater Budget	(11,931,335)	(12,190,781)	(13,548,740)	(14,939,404)	(16,400,736)	(17,478,955)	(18,765,604)	(19,694,331)	(20,944,408)	(22,042,087)	(22,042,087)	(22,042,087)	(22,042,087)	(167,936,382)
	Debtenture and Long-term Debt	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(30,000,000)
	Target Policy for Net Expenditures	(14,931,335)	(15,190,781)	(16,548,740)	(17,939,404)	(19,400,736)	(20,478,955)	(21,765,604)	(22,694,331)	(23,944,408)	(25,042,087)	(25,042,087)	(25,042,087)	(25,042,087)	(197,936,382)
	(\$ Available) \$ Funding Needed	-	(400,057)	283,826	10,694,747	(9,812,249)	4,500,638	(2,996,768)	(3,105,071)	(3,379,539)	3,874,581	(3,379,539)	(3,379,539)	(3,379,539)	(339,892)

Recorded Vote Upon the Request of Councillor Horsfield:

Yeas: Councillors Horsfield, Lowery, Inch, Mitchell, Gardiner, King, Bain, Mayne, Mallah and Mayor Chirico.

Nays: Nil

Carried

6. Correspondence

6.1 2024 Operating Budget - Ontario Regulation 284/09 Disclosure

Res. # 2024-94

Moved by Councillor Horsfield

Seconded by Councillor Inch

That Council:

1. acknowledges the 2024 General Operating, Water & Wastewater Operating and Capital Budgets were prepared on the cash basis format and excluded the following expenses:
 - amortization of tangible capital assets
 - employee future benefit costs
 - solid waste landfill closure and post closure expenses
2. authorize the continued preparation of the City's annual General Operating, Water and Wastewater Operating and Capital Budgets using the cash basis format, as set out in Report to Council CORP 2024-24 dated March 22, 2024 from Laura Boissonneault.

Carried

7. By-Laws for Consideration

Res. # 2024-95

Moved by Councillor Horsfield

Seconded by Councillor Inch

That the following by-laws be read a first and second time:

By-Law No. 2024-29 to authorize the expenditure of funds approved by the 2024 General Capital Budget and the 2024 Water and Wastewater Capital Budget.

Carried

Res. # 2024-96

Moved by Councillor Horsfield

Seconded by Councillor Inch

That the following by-laws be read a third time and passed:

By-Law No. 2024-29 to authorize the expenditure of funds approved by the 2024 General Capital Budget and the 2024 Water and Wastewater Capital Budget.

Carried

8. Motions

9. In-Camera Correspondence

10. Giving Notice (Notice of Motion)

11. Confirmatory By-Law

Res. # 2024-97

Moved by Councillor Bain
Seconded by Councillor Vrebosch

That the following by-law be read a first and second time:

By-Law No. 2024-24 to confirm proceedings of the Special Meeting of Council held on April 2, 2024.

Carried

Res. # 2024-98

Moved by Councillor Bain
Seconded by Councillor Vrebosch

That the following by-law be read a third time and passed:

By-Law No. 2024-24 to confirm proceedings of the Special Meeting of Council held on April 2, 2024.

Carried

12. Adjournment

Res. # 2024-99

Moved by Councillor Bain
Seconded by Councillor Gardiner

That this Special Meeting of Council do now adjourn at 6:07 p.m.

Carried

Mayor Peter Chirico

City Clerk Karen McIsaac

**Minutes of Council Education Session
of City Council
Held Monday, April 8, 2024**

Present:

Mayor Chirico, Councillors Horsfield, Inch (5:20 p.m. to 7:40 p.m.), Mallah, King, Bain, Gardiner, Vrebosch (6:08 p.m. to 6:31 p.m., 6:53 p.m. to 7:40 p.m.), Mayne (5:03 p.m. to 6:31 p.m.), Mitchell.

Staff Present:

J. Severino, V. Hie, M. Karpenko, K. McIsaac, S. Saucier, W. Trottier, G. Young.

Res #2024-100 Moved by Councillor Horsfield, Seconded by Councillor Mallah That Council adjourn in-camera at 5:03 p.m. for education and training purposes, pursuant to Section 239.3(1) of the *Municipal Act*, as amended, and no member discusses or deals with a matter that materially advances the business or decision-making of the Council.

"Carried"

Res #2024-101: Moved by Councillor Horsfield, Seconded by Councillor Mallah That this Council Education Session reconvene at 7:40 p.m.

"Carried"

Res #2024-102: Moved by Councillor Gardiner, Seconded by Councillor Bain That this Council Education Session do now adjourn at 7:40 p.m.

"Carried"

Mayor Peter Chirico

City Clerk Karen McIsaac



Special Committee Meeting Minutes

April 9, 2024, 5:30 p.m.

Council Chambers

all - 200 McIntyre Street East, North Bay, ON

Members Present: Mayor Chirico, Councillor Horsfield, Councillor Mallah, Councillor Lowery, Councillor Bain, Councillor Gardiner, Councillor Vrebosch, Councillor Mayne, Councillor Mitchell

Members Absent: Councillor Inch, Councillor King

Community Services Committee

Public Meeting pursuant to the Planning Act

CS 2024-03 - Report from Adam Curran dated February 8, 2024 re: Condominium Conversion Policy Review

Councillor Mallah read the draft recommendation for the Committee's consideration.

The City Clerk advised that notice of the public meeting was given by placing an advertisement in the North Bay Nugget on Saturday March 16, 2024 and by providing a copy to all agencies as prescribed by Ontario Regulation 545/06.

Adam Curran and Beverley Hillier explained the purpose of the Official Plan Amendment.

Councillor Mallah asked for public presentations in support of or objecting to the Rezoning application.

No Presentations were made.

Direction: Committee Report be brought forward to Council.

CS 2024-02

Supplemental Report by Peter Carello dated March 27, 2024 re: Proposed Zoning By-Law Amendment by 2412594 Ontario Limited - Premier Road (unaddressed).

Direction: Committee Report be brought forward to Council.

Infrastructure and Operations Committee

No Items Addressed.

General Government Committee

No Items Addressed.

Special Committee Meeting of Council adjourned at 6:13 p.m.

Mayor Peter Chirico

City Clerk Karen McIsaac



Regular Meeting of City Council

Minutes

**April 9, 2024, 6:30 p.m.
Council Chambers**

City Hall - 200 McIntyre Street East, North Bay, ON

Members Present: Mayor Chirico, Councillor Horsfield, Councillor Mallah, Councillor King, Councillor Lowery, Councillor Bain, Councillor Gardiner, Councillor Vrebosch, Councillor Mayne, Councillor Mitchell

Members Absent: Councillor Inch

-
- 1. Declaration of Pecuniary Interest and the General Nature Thereof**
 - 2. Public Presentations**
 - 3. Public Meeting Minutes**

Res. # 2024-103

Moved by Councillor Horsfield
Seconded by Councillor Mitchell

That the minutes for the public meetings held on:

- Monday, March 18, 2024;
- Tuesday, March 19, 2024; and
- Wednesday, March 20, 2024

be adopted as presented.

Carried

- 4. Motion for Reconsideration**
- 5. Committee Reports**
- 6. Correspondence**

6.1 Staff Appointments under Building By-Law No. 2018-53

Res. # 2024-104

Moved by Councillor Mallah
Seconded by Councillor King

That Council authorize an amendment to City of North Bay By-Law No. 2018-53, being a by-law to regulate the administration of building permits, as amended, as set out in Report to Council CSBU 2024-13 dated March 25, 2024 from Beverley Hillier.

Carried

6.2 Proposed Telecommunication Tower - 3216 Highway 11 North

Res. # 2024-105

Moved by Councillor Mallah
Seconded by Councillor King

That Council authorize Planning Staff to issue a Statement of Concurrence to Spectrum Group for the construction of the proposed 29.3m self-support antenna/tower mast at 3216 Highway 11 North.

Carried

6.3 2023 Remuneration and Expenses for Members of Council Supplemental Report

Res. # 2024-106

Moved by Councillor Horsfield
Seconded by Councillor Mallah

That Council receive Supplemental Report to Council CORP 2024-29 re: 2023 Statement of Remuneration and Expenses for Members of Council dated March 27, 2024, from Margaret Karpenko.

Carried

6.4 Agreements under the Conservation Authorities Act

Res. # 2024-107

Moved by Councillor Horsfield
Seconded by Councillor Mallah

That Council:

1. authorize the Mayor and City Clerk to execute the Plan Review Agreement between The Corporation of the City of North Bay and the North Bay-Mattawa Conservation Authority;
2. authorize the Mayor and City Clerk to execute the Agreement for Services between the North Bay-Mattawa Conservation Authority and The Corporation of the City of North Bay; and
3. authorize an execution by-law be brought forward for three (3) readings on April 9, 2024.

Carried

6.5 Final Approval – Laurentian Heights Limited – Kenreta Drive (21 Lots and 2 Blocks) (City File No. 48T-93101)

Res. # 2024-108

Moved by Councillor Mallah
Seconded by Councillor King

That:

1. Council grant final approval to Phase 4, Plan of Subdivision by Laurentian Heights Limited for the Laurentian Heights Subdivision (Kenreta Drive – 21 Lots and 2 Blocks) – (City File No. 48T-93101); and
2. the Mayor and City Clerk be authorized to sign the Subdivision Agreement with Laurentian Heights Limited for Kenreta Drive, Phase 4 in order to permit the next phase of the Laurentian Heights Subdivision consisting of 21 lots and 2 blocks along Kenreta Drive, upon satisfactory receipt of all Subdivision Agreement requirements, the Owner entering into the required Stormwater Management Cost Share Agreement, and all other matters as determined by and to the satisfaction of the City Solicitor, City Engineer and Chief Administrative Officer.

Carried

6.6 CO-OP 2024-12, Diesel Rotary Mower

Res. # 2024-109

Moved by Councillor Mitchell
Seconded by Councillor Mayne

That Council approve the award of a contract to Turf Care Products Canada Limited in the amount of \$198,985.70 (plus HST), for the provision of a Toro Diesel Rotary Mower.

Carried

7. By-Laws for Consideration

Res. # 2024-110

Moved by Councillor Horsfield
Seconded by Councillor Mallah

That the following by-laws be read a first and second time:

By-Law No. 2024-27 to stop up, close and convey a portion of the laneway located in a block bounded by McIntyre Street East, Ferguson Street, Worthington Street East and Wyld Street in the City of North Bay.

By-Law No. 2024-30, being a by-law to amend By-Law No. 2018-53, a by-law to Regulate the Administration of Building Permits.

By-Law No. 2024-31 to authorize the execution of a Plan Review Agreement between The Corporation of the City of North Bay and the North Bay-Mattawa Conservation Authority.

By-Law No. 2024-32 to authorize the execution of an Agreement for Services between The Corporation of the City of North Bay and the North Bay-Mattawa Conservation Authority.

Carried

Res. # 2024-111

Moved by Councillor Horsfield
Seconded by Councillor Mallah

That the following by-laws be read a third time and passed:

By-Law No. 2024-27 to stop up, close and convey a portion of the laneway located in a block bounded by McIntyre Street East, Ferguson Street, Worthington Street East and Wyld Street in the City of North Bay.

By-Law No. 2024-30, being a by-law to amend By-Law No. 2018-53, a by-law to Regulate the Administration of Building Permits.

By-Law No. 2024-31 to authorize the execution of a Plan Review Agreement between The Corporation of the City of North Bay and the North Bay-Mattawa Conservation Authority.

By-Law No. 2024-32 to authorize the execution of an Agreement for Services between The Corporation of the City of North Bay and the North Bay-Mattawa Conservation Authority.

Carried

8. Motions

9. In-Camera Correspondence

Res. # 2024-112

Moved by Councillor Horsfield
Seconded by Councillor Mallah

That Council adjourn in-camera pursuant to section 239.(2) of the *Municipal Act, 2001*, as amended at 6:36 p.m. for the following reasons:

Item 9.2, litigation including matters before administrative tribunal, affecting the municipality or local board; and

Item 9.3, advice that is subject to solicitor-client privilege, including communications necessary for that purpose and litigation affecting the municipality.

Carried

Res. # 2024-113

Moved by Councillor Horsfield
Seconded by Councillor Mallah

That Council reconvene at 6:52 p.m.

Carried

9.2 Confidential report from Peter Leckie dated March 27, 2024 re Litigation including matters before administrative tribunals, affecting the municipality or local board

Res. # 2024-114

Moved by Councillor Horsfield
Seconded by Councillor Mallah

That Council direct City Staff not to attend the Ontario Land Tribunal for the proposed Zoning By-Law Amendment by Tulloch Geomatics Inc., on behalf of the property owner, 1921281 Ontario Inc. – 30, 32, 34 Kenreta Drive.

Carried

10. Giving Notice (Notice of Motion)

11. Confirmatory By-Law

Res. # 2024-115

Moved by Councillor Gardiner
Seconded by Councillor Lowery

That the following by-law be read a first and second time:

By-Law No. 2024-28 to confirm proceedings of the Regular Meeting of Council held on April 9, 2024.

Carried

Res. # 2024-116

Moved by Councillor Gardiner
Seconded by Councillor Lowery

That the following by-law be read a third time and passed:

By-Law No. 2024-28 to confirm proceedings of the Regular Meeting of Council held on April 9, 2024.

Carried

12. Adjournment

Res. # 2024-117

Moved by Councillor Bain
Seconded by Councillor Gardiner

That this Regular Meeting of Council do now adjourn at 6:53 p.m.

Carried

Mayor Peter Chirico

City Clerk Karen McIsaac

Community Services Committee Report No. 2024-04

April 23, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The Community Services Committee presents Report No. 2024-04 and recommends:

“That Council approve the general Official Plan Amendment to the City’s Official Plan policies on Condominium Conversion as set out in Schedule “A” attached to Report to Council CSBU 2024-001 by Adam Curran dated February 8, 2024.”

All of which is respectfully submitted.

Community Services Committee Report No. 2024-05

April 23, 2024

To The Council
Of The Corporation
Of The City Of North Bay

Your Worship and Councillors:

The Community Services Committee presents Report No. 2024-05 and recommends:

That:

1. Council approve the proposed Zoning By-law Amendment by Tulloch Geomatics Inc. on behalf of the property owner, 2412594 Ontario Limited, to rezone the property legally described in Appendix A to Report to Council No. CSBU 2024-17 dated March 27, 2024 by Peter Carello, from a "Residential First Density (R1)" zone to a "Residential Sixth Density (R6)" zone; and
2. the subject property be placed under Site Plan Control pursuant to Section 41 of the *Planning Act*, R.S.O., 1990 as amended.

All of which is respectfully submitted.

6.1

North Bay, ON

April 23, 2024

Subject: Proposed Official Plan Amendment, Zoning By-Law Amendment and Draft Plan of Subdivision applications by Tulloch Geomatics Inc. on behalf of 2498643 Ontario Limited – 4250 Widdifield Station Road

File No.

Res. 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That the proposed Official Plan Amendment, Zoning By-Law Amendment and Draft Plan of Subdivision applications by Tulloch Geomatics Inc. on behalf of 2498643 Ontario Limited – 4250 Widdifield Station Road be received and referred to the Community Services Committee for a Public Meeting.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



**The Corporation of the
City of North Bay**

200 McIntyre St., East
P.O. Box 360
North Bay, Ontario
Canada P1B 8H8
Tel: (705) 474-0400

Planning Services 5th Floor, City Hall
Phone: (705) 474-0626, Ext. 2409
Toll-Free: 800-465-1882
Email: peter.carello@northbay.ca
Web: www.northbay.ca

April 4, 2024

Tulloch Geomatics Inc.
1501 Seymour Street
North Bay, ON P1A 0C5

Attn: Steve McArthur

Mr. McArthur:

Re: Proposed Official Plan Amendment, Zoning By-law Amendment and /Draft Plan of Subdivision applications by Tulloch Geomatics Inc. on behalf of 2498643 Ontario Limited – 4250 Widdifield Station Road

Please accept this letter as our acknowledgement of receipt of the above-noted applications to amend the City's Official Plan, Zoning By-law No. 2015-30 and Draft Approval of a Subdivision.

We have reviewed the application and have deemed it to satisfy the requirements of a "complete" application as of this date. In the event further information is required as a result of a circulated agency request, it will be requested at that time.

We will commence processing of the application immediately. Should you require any additional information, please feel free to contact me at (705) 474-0400 (ext. 2409).

Sincerely,

Peter Carello, MCIP, RPP
Senior Planner, Current Operations

PC

W:\PLAN\Planning\00 - Development & Planning Management\4250 Widdifield Sta Rd (050-064-30400)\ZBL Amendments (D14)\ZBLA #962- Complete Application Letter – 2498643 Ontario Limited

6.2

North Bay, ON

April 23, 2024

Subject: Report from Margaret Karpenko dated April 8, 2024 re 2024 Insurance Renewal

File No. _____ **Res.** 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That Council approve the annual renewal of insurance with Intact Public Entities Inc. in partnership with Kennedy Insurance Brokers Inc. in the amount of \$1,623,743 (plus HST) for municipal comprehensive insurance. This renewal will represent the second year of a contract awarded in 2023 for a term of five (5) years, with an option in favour of the City to extend the agreement for three (3) additional terms of up to one (1) year each.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: CORP-2024-026

Date: April 8, 2024

Originator: Margaret Karpenko

Business Unit:

Department:

Corporate Services

Financial Services Department

Subject: 2024 Insurance Renewal

Closed Session: yes no

Recommendation

That Council approves the annual renewal of insurance with Intact Public Entities Inc. in partnership with Kennedy Insurance Brokers Inc. in the amount of \$1,623,743 (plus HST) for municipal comprehensive insurance. This renewal will represent the second year of a contract awarded in 2023 for a term of five (5) years, with an option in favour of the City to extend the agreement for three (3) additional terms of up to one (1) year each.

Background

By way of CORP 2023-002, the City entered into a contract with Kennedy Insurance Brokers Inc. for a term of five (5) years, with an option in favour of the City to extend the agreement for three (3) additional terms of up to one (1) year each. 2024 is the second year of the 5 year term.

The City's comprehensive insurance program has been designed to identify and transfer the risk of financial loss to stable Canadian insurers. Losses can result primarily from legal liability as a consequence of municipal operations, and the loss of or damage to, municipal assets.

The City's program is structured to include the following risk protection:

- (a) **Legal Liability** – Liability coverage for municipal operations, premises, products, unlicensed vehicles and equipment, public officials, and environmental impairment together with related legal expenses;
- (b) **Automobiles** – Liability coverage for owned and non-owned automobiles, together with coverage for physical damage of any vehicle

- in the municipal fire, transit or police fleets;
- (c) **Property** – Physical damage coverage for municipal buildings, contents, unlicensed vehicles and equipment, and other structures including the breakdown of certain equipment and business interruption coverage;
 - (d) **Crime** – Coverage against crime or fraud from within or outside of the organization; and
 - (e) **Accident** – Coverage for injury to Councillors and volunteers.

Financial/Legal Implications

The renewal price is \$1,623,743 (plus HST) from Intact Public Entities Inc., in partnership with Kennedy Insurance Brokers Inc., represents a total cost for May 1, 2024, to April 30, 2025. Under the terms of the contract, rates are renewed annually, which may vary based on operational requirements and market conditions. The renewal price is considered fair and reasonable.

Funding for insurance services provided under this contract is managed within the operating budget within various departments. Sufficient funding will continue to be requested in future years.

Intact Public Entities' proposal included several complimentary value-added risk management services which include Contract Reviews, Policy and Procedural Reviews, Asset Valuation and Risk Inspections, Road Risk Assessments, Driver Training, Fleet Management Evaluations, Minimum Maintenance Standards Compliance Reviews and 5 sessions of Educational Training.

The terms of the renewal are as follows:

- The Municipal Casualty policy premium has received a 3.99% increase which is below the average for municipal clients for the 2024 term.
- Property coverage premiums received a 10.7% increase which is below the average increases received by municipal clients for the 2024 term.
 - "Building" insured limits have received a 4% inflationary protection increase resulting in \$19,163,950 in additional coverage.
 - Total Insured Value has increased to \$516,399,100 from \$483,277,150 and includes the insured value of scheduled items.
 - Property Damage coverage annual premium of \$475,329 is approximately 0.00092% of the Total Insured Value of \$516,399,100
- Automobile Fleet and Transit premiums received a 4.7% rate increase which is below the average of Intact Public Entities Inc.'s program for the 2024 term.
- Property & Automobile Schedules have been amended to reflect changes requested by the City.

Intact Public Entities Inc. has congratulated the City for having taken steps to reduce its total cost of risk by taking advantage of advisory services, consultations and educational seminar invitations.

Generally, insurance is a cyclical business. It has been defined as being either “soft” when the market exhibits low rates, generous terms, abundance of capital and more competition or “hard” when the market has higher rates, restrictive terms, reduced levels of capital and less competition. There are several areas that impact the cost of municipal insurance including: climate change, class actions, joint and several liability, the changing legal landscape, future care costs and transit claims. Currently, the insurance market is categorized as “hard” with higher rates. Therefore, even though the City’s claims history has been below average, it is not shielded from the increase in premiums which is required to ensure that claims are paid.

Corporate Strategic Plan

- Natural North and Near
- Affordable Balanced Growth
- Responsible and Responsive Government
- Economic Prosperity
- Spirited Safe Community

Specific Objectives

- Ensure the efficient and effective operations of the city, with particular consideration to the impact of decision on the property tax rate.

Options Analysis

Option 1: That Council approves the annual renewal of insurance with Intact Public Entities Inc. in partnership with Kennedy Insurance Brokers Inc. in the amount of \$1,623,743 (plus HST) for municipal comprehensive insurance. This renewal will represent the second year of a contract awarded in 2023 for a term of five (5) years, with an option in favour of the City to extend the agreement for three (3) additional terms of up to one (1) year each.

This is the recommended option.

Option 2: That Council does not approve the annual renewal of insurance with Intact Public Entities Inc. in partnership with Kennedy Insurance Brokers Inc. in the amount of \$1,623,743 (plus HST) for municipal comprehensive insurance. This renewal will represent the second year of a contract awarded in 2023 for a term of five (5) years, with an option in favour of the City to extend the agreement for three (3) additional terms of up to one (1) year each.

This option is not recommended as the City’s insurance policy will expire May 1, 2024, and the renewal is necessary to ensure adequate coverage is in place.

Recommended Option

That Council approves the annual renewal of insurance with Intact Public

Entities Inc. in partnership with Kennedy Insurance Brokers Inc. in the amount of \$1,623,743 (plus HST) for municipal comprehensive insurance. This renewal will represent the second year of a contract awarded in 2023 for a term of five (5) years, with an option in favour of the City to extend the agreement for three (3) additional terms of up to one (1) year each.

Respectfully submitted,

Name: Margaret Karpenko, CPA, CMA
Title: Chief Financial Officer /Treasurer

I concur with this report and recommendation

Name: Peter E.G. Leckie, B.A. (Hons.), LL.B.
Title: City Solicitor

Name: John Severino, P.Eng., MBA
Title: Chief Administrative Officer

Personnel designated for continuance:
Name: Margaret Karpenko, CPA, CMA
Title: Chief Financial Officer /Treasurer

6.3

North Bay, ON

April 23, 2024

Subject: Report from John Severino dated April 12, 2024 re Organizational Review

File No.

Res. 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That Report to Council CAO 2024-02 dated April 12, 2024 from John Severino re Organizational Review be received and referred to a Special Committee Meeting on April 30, 2024.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: CAO-2024-002

Date: April 12, 2024

Originator: John Severino, P.Eng, MBA

Business Unit:
Administration

Department:
Office of the CAO

Subject: Organizational Review

Closed Session: yes no

Recommendation

That Report to Council CAO 2024-002 dated April 12, 2024 from John Severino be received and referred to a Special Committee Meeting on April 30, 2024.

Executive Summary

The Organizational Review is nearing completion and KPMG will present final recommendations to Council on April 30, 2024.

The review was a collaborative effort that included feedback from stakeholders across all levels of the municipality including the Mayor and Members of Council.

Key elements of the review included:

- (a) Reviewing existing operations and services to recommend opportunities to find efficiencies and ways to improve service delivery such as through the use of new technology.
- (b) Benchmarking the City against other municipal comparators and developing recommendations for future performance measurement.
- (c) Reviewing internal and external communications.

The final report will include several recommendations and possible implementation timelines and strategies. Following KPMG's presentation, the CAO along with the Senior Management Team will develop an implementation strategy that considers existing projects already underway, capacity and

available resources and budget implications. The Senior Leadership Team's implementation plan will be brought back to Council for approval.

Background

An independent third party operational review of the City of North Bay was requested by Council at the December 6th, 2022 Council Meeting through Council Resolution No. 2022-345(a) and (b).

Following the completion of a formal Request for Proposal process, a contract was awarded to KPMG LLP in June 2024 to conduct an Organizational Review of the City to investigate the overall organizational effectiveness to ensure value for the taxpayer. The review was to be completed in a phased manner over an approximate 9 month period.

KPMG's review included the following:

- A catalogue of services/programs currently provided by the City.
- Identification of redundant, deficient, or missing services, as well as classification of services as core/essential, discretionary, etc.
- The rationale for the delivery or suggested alternative models of delivery of the service/program if a more effective model is appropriate.
- Identification and recommendations of optimal service levels as they pertain to municipal operations.
- Identification of the most cost-effective, sustainable, and strategic way to structure the City's operations to deliver the required services to meet the current and foreseeable needs of the community.
- Identification and prioritization of the opportunities to guide the implementation of recommended improvements and/or innovative service delivery models.
- Investigation of communications, both internally and externally, as well as policies and plans for public engagement.
- Recommendations of innovative technologies and models that have been proven to improve operational efficiencies.
- Benchmarking data regarding municipal services and programs in comparable municipalities (i.e., geographical location and demographics) and recommendations of key performance indicators for future measurement of performance.

KPMG LLP will present the final recommendations to Council at a Special Committee Meeting scheduled for April 30th, 2024.

A Supplemental Report to Council which will include KPMG's recommendations will be provided in advance of the April 30th Committee Meeting.

Financial/Legal Implications

This report is being presented to Council to refer the Organizational Review to a Special Committee Meeting for a presentation by KPMG. Recommendations will be presented with estimated costs and/or benefits associated with each option. Following the presentation, Council will have an opportunity to ask questions before formally accepting the report and directing the CAO to proceed with the development of an implementation plan.

Capital Project No. 4353GG - Organizational Review Implementation was included in the City's 2024 Capital Budget and Forecast Plan with funding of \$250,000, \$150,000 and \$155,000 in 2024, 2025 and 2026 respectively. This funding was identified to initiate the implementation of the recommendations in a phased manner. Updated funding requirements will be brought forward to Council as part of the Senior Leadership Team's implementation plan following prioritization and analysis of each strategic recommendation.

Corporate Strategic Plan

- Natural North and Near
- Affordable Balanced Growth
- Responsible and Responsive Government
- Economic Prosperity
- Spirited Safe Community

Specific Objectives

Ensure the efficient and effective operations of the city, with particular consideration to the impact of decisions on the property tax rate.

Ensure continuous improvement of governance and administration.

Explore opportunities to reduce the costs of government service delivery, including shared services and new technologies.

Work with community stakeholders to enhance safety and integration throughout the City.

Options Analysis

Over the last nine months, KPMG has worked collaboratively with internal stakeholders at all levels of the municipality, as well as with the Mayor and Members of Council, to review current operations and services to identify opportunities to improve organizational effectiveness and find efficiencies. The City is very fortunate to have dedicated employees with diverse expertise that were instrumental in bringing forward ideas and recommendations to the consultant for consideration throughout the process. Feedback was obtained through one-on-one interviews, focus groups and an employee survey. Stakeholder feedback was summarized into four major themes:



While the main purpose of the review was the identification of opportunities for improvement, the review also identified key strengths within the municipality including:



Stakeholder feedback and benchmarking data gathered and analyzed during the review process led to the identification of a list of top ten (10) strategic opportunities for the City. The final report will identify the rationale for each strategic recommendation together with a detailed implementation plan. Furthermore, thirteen (13) other recommendations will be highlighted for consideration to assist with modernization of the City’s operations.

The communications review portion of the project was completed by KPMG in partnership with Redbrick Communications. The communications review explored internal and external communications, municipal best practices, current challenges and identified opportunities for improvement with a detailed multi-year implementation plan.

KPMG’s final report will serve as an important resource for the City as we continue to improve the effectiveness and efficiency of municipal operations. The review is a critical step in the City’s continuous improvement journey. The review was not intended to provide quick responses to address all of the City’s challenges. The work completed as part of the review will serve as a foundation to guide the City towards a culture of continuous improvement using a planned and cohesive approach to ensure sustainable delivery of municipal services in an effective and efficient manner.

Implementation of the opportunities is expected to be a multi-year, resource-intensive process with many variables to consider. Key considerations include the following:

- Is the City Ready?
- Who will lead implementation of the recommendations?
- Is the implementation plan appropriately funded and resourced?

Following the April 30th presentation to Council, it is recommended that Council approve KPMG report and recommendations in principle and direct the CAO to undertake an analysis of the strategic opportunities presented in the report and present an implementation plan to Council for approval. The implementation plan needs to consider the impact and alignment with existing projects and strategic initiatives currently underway, resourcing and capacity requirements and budget implications.

Recommended Option

That Report to Council CAO 2024-002 dated April 12, 2024 from John Severino be received and referred to a Special Committee Meeting on April 30, 2024.

Respectfully submitted,

Name: John Severino, P.Eng., MBA

Title: Chief Administrative Officer

Personnel designated for continuance:

Name: John Severino, P.Eng., MBA

Title: Chief Administrative Officer

6.4

North Bay, ON

April 23, 2024

Subject: Report from David Allan and Alain Lecompte dated April 12, 2024 re Request for Quote 2024-17, Pete Palangio Arena Energy Recovery Ventilation Upgrades

File No.

Res. 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That Council approve the award of a contract to Cimco Refrigeration, a division of Toromount Industries Ltd. in the amount of \$449,665.00 (plus HST), for the provision of Arena Energy Recovery Ventilation Upgrades for the Pete Palangio Arena.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: CORP-2024-035

Date: April 12, 2024

Originator: David Allan
Interim Purchasing Manager

Alain Lecompte
Facilities Coordinator

Business Unit:
Corporate Services

Department:
Financial Services Department

Subject: Request for Quote 2024-17 Pete Palangio Arena Energy Recovery Ventilation Upgrades

Closed Session: yes no

Recommendation

That City Council approve the award of a contract to Cimco Refrigeration, a Division of Toromont Industries Ltd., in the amount of \$449,665.00 (plus HST) for the provision of Arena Energy Recovery Ventilation Upgrades for Pete Palangio Arena.

Background

The project is for the replacement of two (2) Energy Recovery Ventilation (ERV) systems at Pete Palangio arena. The first ERV provides ventilation for the upper lobby area and the other ERV provides ventilation and dehumidification requirements for the dressing rooms.

The current ERVs have exceeded their useful lives and failed during the summer of 2023 due to cracked heat exchangers. Temporary mechanical equipment and operational sequences were put in place to provide minimal ventilation to the upper lobby, and to provide minimal ventilation and dehumidification to the dressing rooms.

Financial/Legal Implications

A formal bid request, which closed March 27, 2024, was administered by the Purchasing Department and was publicly advertised in accordance with the City's Purchasing By-Law 2013-200. Seven (7) quotes were evaluated by the

Purchasing Manager and the Facilities Coordinator. The evaluation considered mandatory technical requirements and price.

The results are as follows:

Ranking	Company	Bid Price
1	Cimco Refrigeration, a Division of Toromont Industries Ltd.	\$449,665.00
2	Bernard Rochefort Limited	\$458,000.00
3	Northland Group of Companies Ltd.	\$465,117.00
4	Venasse Building Group Inc.	\$495,000.00
5	Ainsworth Inc.	\$497,025.30
6	Mike Witherell Mechanical Ltd.	\$512,350.00
7	CTRL HVAC	\$575,444.00

The quote from Cimco Refrigeration, a Division of Toromont Industries Ltd. was the lowest bid and provides the best overall value to the City. Their bid is considered fair and reasonable.

Sufficient funding for this contract is available in Capital Project No. 4346RF – Pete Palangio HVAC/HRB Replacements.

Corporate Strategic Plan

- Natural North and Near
- Affordable Balanced Growth
- Responsible and Responsive Government
- Economic Prosperity
- Spirited Safe Community

Specific Objectives

Maintain infrastructure across the city in a good state of repair.

Options Analysis

Option 1: That City Council approves the award of a contract to Cimco Refrigeration, a Division of Toromont Industries Ltd., in the amount of \$449,665.00 (plus HST) for the provision of Arena Energy Recovery Ventilation Upgrades for Pete Palangio Arena.

Option 2: Do not award a contract. This option is not recommended because the temporary measures are not meant to provide suitable ventilation to the areas for an extended period of time. There is an increased risk of failure for the temporary measures, which would disrupt the operations of the facility.

Recommended Option

That City Council approve the award of a contract to Cimco Refrigeration, a

Division of Toromont Industries Ltd., in the amount of \$449,665.00 (plus HST) for the provision of Arena Energy Recovery Ventilation Upgrades for the Pete Palangio Arena.

Respectfully submitted,

Name: David Allan
Title: Interim Purchasing Manager

Name: Alain Lecompte
Title: Facilities Coordinator

We concur with this report and recommendation.

Name: Kevin Vescio
Title: Manager, Facilities and Parking

Name: Alan Korell, P.Eng.
Title: Interim City Engineer

Name: Shannon Saucier, CPA, CA
Title: Director, Financial Services / Deputy Treasurer

Name: Margaret Karpenko, CPA, CMA
Title: Chief Financial Officer /Treasurer

Name: John Severino, P.Eng, MBA
Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Alain Lecompte
Title: Facilities Coordinator

6.5

North Bay, ON

April 23, 2024

Subject: Report from Dan Robinson dated April 12, 2024 re 2024 Tax Policy

File No.

Res. 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That Council adopt the 2024 Tax Policy recommendations, as set out in Report to Council CORP 2024-37 dated April 12, 2024 from Dan Robinson.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: CORP-2024-037

Date: April 12, 2024

Originator: Dan Robinson, Manager of Tax and Water

Business Unit:

Department:

Corporate Services

Financial Services Department

Subject: 2024 Tax Policy

Closed Session: yes no

Recommendation

That Council adopts the 2024 Tax Policy recommendation as follows:

1. Tax Ratios:

<i>Tax Class</i>	<i>Ratio</i>	<i>Tax Class</i>	<i>Ratio</i>
New Multi-Residential	1.0000	Pipeline	1.1656
Multi-Residential	1.9900	Farmland	0.1500
Commercial	1.8800	Managed Forest	0.2500
Industrial	1.4000		

2. Tax Ratio and Rates By-Laws:

Council authorize staff to prepare the necessary By-Laws required to establish the 2024 tax rates as described within Report to Council No. CORP 2024-37 dated April 12, 2024, from Dan Robinson.

Background

Long-Term Tax Policy

The purpose of the Long-Term Tax Policy is to establish a framework for tax ratios and tax policy goals. The current policy provides for the reduction of tax ratios in the Multi-Residential and Commercial tax classes with the goal of bringing the ratios equal to the industrial ratio of 1.40. The policy provides for the reduction of tax ratios only if it can be achieved without imposing

significant tax levy shifts to other classes.

Council, at its Meeting held April 2, 2024, passed Clause No. 2 of General Government Committee Report No. 2024-05 which authorized the 2024 Tax Levy of \$109,961,836.00 representing an increase of \$4,196,638 over 2023. Assuming that the 2024 Tax Policy, recommendation is adopted by Council, the overall tax rate increase including the prescribed education tax rate is estimated at 2.74%.

The following steps will guide Council in making the necessary Tax Policy decisions to finalize the 2024 tax rates:

1. Ministry of Finance Optional Changes
2. Assessment changes to the assessment roll
3. Tax ratio analysis
4. Property tax shifts and tax dollar impacts

Financial/Legal Implications

See Options/Analysis for Financial Implications.

Corporate Strategic Plan

- | | |
|---|--|
| <input type="checkbox"/> Natural North and Near | <input type="checkbox"/> Economic Prosperity |
| <input checked="" type="checkbox"/> Affordable Balanced Growth | <input type="checkbox"/> Spirited Safe Community |
| <input checked="" type="checkbox"/> Responsible and Responsive Government | |

Specific Objectives

- Provide smart, cost-effective services and programs to residents and businesses.
- Ensure that Council and staff have a shared perception of goals.
- Develop a practice of communications and engagement that ensures that residents are aware and understand what City Hall is doing.

Options Analysis

1. Ministry of Finance Optional Changes:

(a) New Multi-Residential Subclass:

The 2024 Provincial Budget provides an option for municipalities to create a New Multi-Residential subclass setting a reduced property tax rate of up to 35% to encourage the development of purpose-built rental properties and would only be available to new development. Eligibility for any property for the new subclass would require an executed by-law as well as a building permit issue date on or after the effective date of the by-law. Implementing a subclass would create a third-tier tax rate with in the multi-residential property class and create tax shifts onto other classes including residential, multi-residential, commercial and industrial. At this time Administration is not

recommending implementation of a new multi-residential subclass.

(b) Municipal Vacant Home Tax:

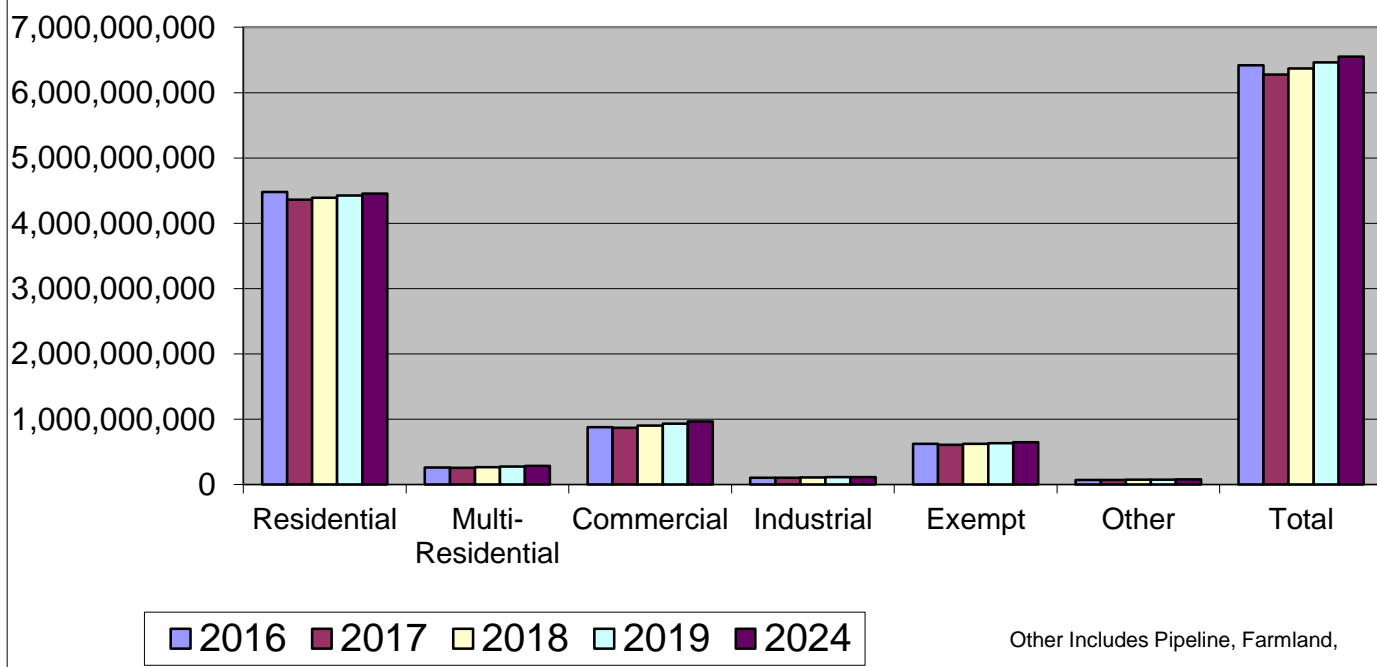
The 2024 Provincial Budget has extended authority broadly to all single tier and upper tier municipalities to impose a tax on vacant homes. The Provincial Policy Framework sets out best practices for implementing a Vacant Home Tax. The Framework also encourages municipalities to set a higher Vacant Home Tax rate for foreign-owned homes with the intent to increase housing supply by creating an incentive for property owners to sell unoccupied homes or to make them available to be rented. It is the municipalities responsibility to establish processes and policies for eligibility, compliance, enforcement, appeals and rate setting. As of the writing of this report Toronto and Ottawa have both imposed a 1% Vacant Home Tax rate.

Prior to imposing a Vacant Home Tax, the municipality is also required to conduct consultations and share the results with the Province. To support evidence-based results information will be reported on the Annual Financial Information Return. City Administration is not recommending to impose this tax as it is highly administrative, and the City does not appear to have a vacancy challenge.

2. Assessment Changes to the Assessment Roll:

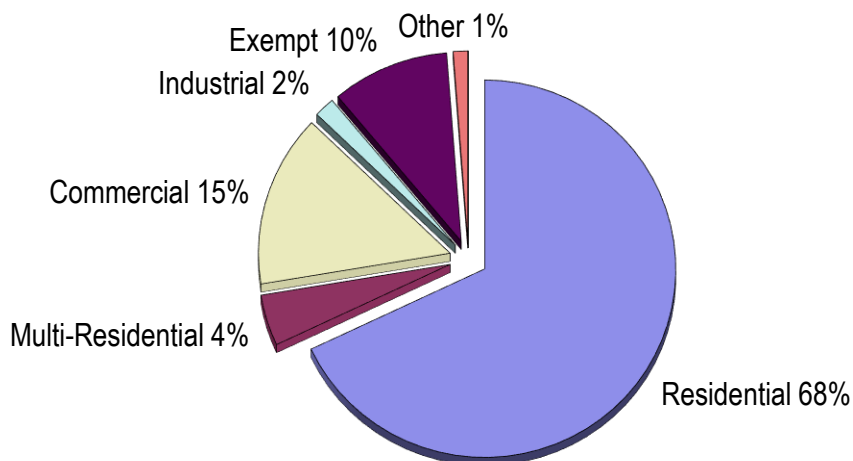
The assessment of all property in Ontario is carried out by the Municipal Property Assessment Corporation (MPAC), under the Province's Assessment Act. Reassessments are conducted on a four-year cycle with Current Value Assessment (CVA) increases being phased-in in equal increments in each year of the four-year phase-in period. The current reassessment cycle, reflecting a January 1, 2016, valuation date was intended to apply for the period 2017-2020. Since 2021 MPAC has been authorized by the Province to postpone any reassessment. As a result of the postponement, assessments for the 2024 property tax year will be the same as 2023; unless the property experienced changes that affected the assessed value (e.g. renovations, improvements, demolitions, year-end equity adjustments or changes in the use of the property). MPAC has continued to maintain the assessment roll and ensured that it is updated to reflect those changes. As can be seen in the Assessment Patterns graph below, assessment has remained fairly consistent since 2016.

2016-2024 Assessment Patterns (Taxable & PIL) North Bay City



The 2024 returned role distributes CVA according to the following pie chart.

2024 Assessment Distribution (Taxable & PIL) North Bay City



Other Includes Pipeline, Farmland, Forest

2023 Real Assessment Growth

Assessment growth is the sum of all the changes that happen to the tax base during a taxation year. Items that change include new construction, major renovations, demolitions, year-end equity adjustments and the reduction in assessment due to property value appeals. These adjustments may occur during the year or may also take effect as of the Role Return. Below is a chart outlining the assessment growth by class after Role Return.

Class	Revenue Impact	% Change
Commercial	514,514	1.91%
Farmland	297	24.37%
Industrial	-98,563	-3.94%
Managed Forest	841	7.02%
Multi Residential	-2,280	-0.03%
Pipelines	1,479	0.11%
Residential	748,653	1.12%
Grand Total	1,164,941	1.10%

3. Tax Ratios:

One of the most critical decisions impacting the relative tax burden paid by a property owner is that of tax ratio movement.

Municipalities are required to establish tax ratios annually for the Multi-Residential, Commercial, Industrial and Pipeline classes prior to finalizing tax rates. The established ratios govern the relationship between the rate of taxation for each property class and the tax rate for the residential property class.

In setting tax ratios, municipalities must do so within the guidelines prescribed by the province. Council may choose to:

- adopt the current tax ratio for any class (2023 adopted)
- adopt the alternative tax ratios for any class within the Provincial ranges of fairness.

In previous years, Council has strategically chosen to reduce tax ratios of the business classes (multi-residential, commercial, and industrial) downward toward the Provincial Ranges of Fairness as noted below:

Property Class	Provincial Ranges Of Fairness O.Reg 96/17	City Transition Ratio 1998	2023 Tax Ratios	2022 BMA Study Average
Residential	1.0000	1.0000	1.0000	1.0000
Multi-Res.	1.0000-1.1000	2.3556	1.9900	1.7246
Commercial	0.6000-1.1000	2.0326	1.8800	1.6689
Industrial	0.6000-1.1000	3.2920	1.4000	2.1175

One of the goals of the Long-Term Tax Policy is to reduce the tax ratios for the Multi-Residential and Commercial classes. This goal was based on the rationale that lower tax ratios would stimulate economic development, reduce rental housing rates as well as facilitate competitiveness. However, it should be noted that reducing ratios may also create shifts in the tax burden if there is insufficient growth in the other classes.

An analysis of options for 2024 has been undertaken to show the effects of the following tax ratio scenarios for the affected classes:

- Scenario 1 - continue to use the 2023 ratios (Status Quo),.
- Scenario 2 - reduce the multi-residential ratio from 1.99 to 1.88.
- Scenario 3 - reduce the commercial ratio from 1.88 to 1.80.

The table below highlights the impact on the various classes.

Scenario 1 – Once a ratio is changed it becomes the new starting point. As such this scenario represents the status quo and demonstrates how the total tax levy is to be collected by each class. As per the assessment distribution noted above the residential class is absorbing the highest proportion of the levy.

Scenario 2 – Reducing the multi-residential ratio closer to the Tax Policy ratio results in \$439,981 in savings in the multi-residential class and supports the housing strategy; however, it increases the portion paid by the residential class by \$300,296 and the commercial class by \$122,451.

Scenario 3 – Reducing the commercial ratio closer to the Tax Policy ratio results in \$902,310 savings in the commercial class; however, it shifts a significant burden of \$763,525 to the residential and \$94,888 to the multi-residential classes, both which did not have sufficient growth to absorb the increase.

	Scenario 1	Scenario 2	Scenario 3
Tax Class	2023 Tax Ratios (Status Quo)	Reduced Multi-Residential Ratio	Reduced Commercial Ratio
	\$	\$	\$
Residential	\$69,180,195	\$300,296	\$763,525
New - Multi-Res.	\$127,020	\$551	\$1,402
Multi-Res.	\$8,597,488	\$(439,981)	\$94,888
Comm.	\$28,209,454	\$122,451	\$(902,310)
Industrial	\$2,468,039	\$10,713	\$27,239
Pipelines	\$1,364,946	\$5,925	\$15,065
Farmland	\$1,556	\$7	\$17
M. Forest	\$13,162	\$57	\$145
Total Impact	\$109,961,859	\$0	\$0

Administration is recommending Scenario 1 – continue to use the 2023 Tax Ratios.

2024 Proposed Tax Rates

The tax rates outlined in the table below assume the adoption of the Status Quo Tax ratios.

Tax Class	Municipal Tax Rate	Education Tax Rate	Total Tax Rate	Municipal Change	Education Change	Total Change
Residential	1.552712	0.153000	1.705712	2.74%	0.00%	2.49%
New Multi-Res.	1.552712	0.153000	1.705712	2.74%	0.00%	2.49%
Multi-Res.	3.089897	0.153000	3.242897	2.74%	0.00%	2.61%
Commercial	2.919099	0.880000	3.799099	2.74%	0.00%	2.09%
Industrial	2.173797	0.880000	3.053797	2.74%	0.00%	1.93%
Pipelines	1.809841	0.880000	2.689841	2.74%	0.00%	1.83%
Farmland	0.232907	0.038250	0.271157	2.74%	0.00%	2.34%
M. Forest	0.388178	0.038250	0.426428	2.74%	0.00%	2.49%

During the 2024 budget process the Tax Levy increase was set at 3.97% for a total levy change of \$4,196,638. Assessment is revenue neutral to the municipality; however, assessment growth will reduce the overall change in the municipal tax rate. The prescribed education tax rates per Ontario Regulation 5/24 for 2024 remain unchanged from 2023.

4. Property Tax Shifts and Tax Dollar Impacts:

The following chart demonstrates the effect on specific property classes when applying the 2024 Current Value Assessment, 2024 recommended Tax Ratios and 2024 estimated total tax rates. Total taxes include Payment in Lieu of Taxes (PIL) properties. There are no properties with decreasing taxes.

Tax Class	Properties increasing
Residential	18,414
New Multi-Res.	5
Multi-Res.	156
Commercial	1,261
Industrial	292
Pipeline	2
Farmland	9
M. Forest	82
Total	20,221

The following chart reflects the projected tax impact to the residential class. The average annual tax change in the residential class is \$100.

\$ Impact	Increasing Properties	Decreasing Properties
\$ 0 - \$100	11,951	0
\$100 - \$200	5,737	0
\$200+	726	0
Total	18,414	0

Current Value Assessment Change Analysis and Tax Dollar Impacts

Residential Properties – Municipal & Education Taxes

For comparative purposes the BMA Study defines a single family detached dwelling as a detached three-bedroom single story home with 1.5 bathrooms and a one car garage. The total area of the house is approximately 1,200 sq. ft. and the property is situated on a lot that is approximately 5,500 sq. ft.

The median assessment of this home in North Bay for 2024 based on OPTA (Online Property Tax Analysis) data is \$226,000. The recommended tax ratios and estimated 2024 municipal tax rates and the education tax rates have been used in the calculations.

The following illustrations demonstrate (1) 0% change in CVA per 100,000 assessment, and (2) 0% change in CVA for median single family dwelling unit (3) an increase in assessment due to a \$15,000 renovation.

	Scenario 1 - \$100,000 CVA	Scenario 2 – Median CVA No change in CVA	Scenario 3 - \$15,000 Increase in CVA due to Renovation Assessment
2023 CVA	\$100,000.00	\$ 227,000.00	\$ 226,000.00
2024 CVA	\$100,000.00	\$ 227,000.00	\$ 241,000.00
CVA Change	\$0	\$0	\$15,000
Percentage Change in CVA	0%	0%	6.64%
*2023 Taxation	\$ 1,511.32	\$ 3,430.70	\$ 3,415.58
*2024 Taxation	\$ 1,552.71	\$ 3,524.66	\$ 3,742.04
Percentage Change	2.74%	2.74%	9.56%
Dollar change	\$ 41.39	\$ 93.96	\$ 326.45
Monthly Dollar Change	\$ 3.45	\$ 7.83	\$ 27.20

**Municipal tax only*

Scenario 1: if a property’s assessment remained constant year over year, then for every \$100,000 in assessment municipal taxes would increase by 2.74% or \$41.39 over 2023.

Scenario 2: if a property’s assessment was equal to the median CVA of \$227,000 then the municipal taxes would increase by 2.74% or \$93.96 over 2023.

Scenario 3: if a property’s assessment was equal to the median CVA and had an increase in 2024 of \$15,000 due to a renovation, the municipal taxes would increase by 9.56% or \$326.45 over 2023.

Note: The specific impact on individual taxpayers within each class will depend on their assessment valuation results.

Recommended Option

That Council adopts the 2024 Tax Policy recommendation as follows:

1. Tax Ratios:

<i>Tax Class</i>	<i>Ratio</i>	<i>Tax Class</i>	<i>Ratio</i>
New Multi-Residential	1.0000	Pipeline	1.1656
Multi-Residential	1.9900	Farmland	0.1500
Commercial	1.8800	Managed Forest	0.2500
Industrial	1.4000		

2. Tax Ratio and Rates By-Laws:

Council authorize staff to prepare the necessary By-Laws required to establish the 2024 tax rates as described within Report to Council No. CORP 2024-37 dated April 12, 2024, from Dan Robinson.

Respectfully submitted,

Name: Dan Robinson

Title: Manager, Revenues & Taxation

I concur with this report and recommendation

Name Margaret Karpenko, CPA, CMA

Title: Chief Financial Officer /Treasurer

Name John Severino, P.Eng., MBA

Title: Chief Administrative Officer

Personnel designated for continuance:

Dan Robinson

Manager, Revenues & Taxation

Shannon Saucier, CPA, CA

Director, Financial Services / Deputy Treasurer

6.6

North Bay, ON

April 23, 2024

Subject: Report from David Allan and Mark Thomas dated April 12, 2024 re Request for Proposal 2024-18, Belleview Park Playground Equipment

File No. _____ **Res.** 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That Council approve the award of a contract to New World Park Solutions Inc. in the amount of \$149,500.00 (plus HST), for the provision of Belleview Park Playground Equipment.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: CORP-2024-034

Date: April 12, 2024

Originator: David Allan
Interim Purchasing Manager

Mark Thomas
Acting Parks Manager

Business Unit:
Corporate Services

Department:
Financial Services Department

Subject: Request for Proposal 2024-18 Belleview Park Playground Equipment

Closed Session: yes no

Recommendation

That City Council approves the award of a contract to New World Park Solutions Inc in the amount of \$149,500.00 (plus HST) for the provision of Belleview Park Playground Equipment.

Background

Belleview Park services the entire Cedar Heights area and acts as a hub for the neighborhood. The Cedar Heights Planning District is one of the high growth areas of the City.

Belleview Park Playground was installed in 2007 and is at the end of its expected life. The new playground structure and engineered wood fiber surface will be inclusive to the needs of all users and have some portions that are fully accessible.

Financial/Legal Implications

A formal bid request, which closed March 28, 2024, was administered by the Purchasing Department and was publicly advertised in accordance with the City's Purchasing By-Law 2013-200. Seven (7) proposals were evaluated by the Interim Purchasing Manager, the Acting Parks Manager, and Parks Supervisors. The evaluation considered Experience and Qualifications, Play Value, Inclusive Play, Layout and Circulation, Durability and Warranty,

Stringer and Footing Design and Layout, Work Plan and Schedule and Price.

The results are as follows:

Ranking	Company	Overall Score
1	New World Park Solutions Inc	84.99
2	Park N Play Design Co Ltd	79.28
3	Park N Water LTD.	78.83
4	ABC Recreation Ltd.	66.66
5	Henderson Recreation Equipment Limited	66.28
*	S.F. Scott Mfg. Co. Ltd. O/A Blue Imp	*
*	CRCS Recreation	*

* Proponents marked with an asterisk provided proposals that did not meet the minimum mandatory requirements.

The proposal from New World Park Solutions Inc scored highest and provides the best overall value to the City. Their proposal is considered fair and reasonable.

Sufficient funding for this contract is available in Capital Project No. 6797PR – Parks and Playground Rehab Program 2024 On-going.

Corporate Strategic Plan

- Natural North and Near
- Affordable Balanced Growth
- Responsible and Responsive Government
- Economic Prosperity
- Spirited Safe Community

Specific Objectives

Ensure an equitable distribution of resources across city neighbourhoods and includes residents of all ages.

Develop and provide recreational and community centre services geared to meeting the broad spectrum of needs in the community.

Options Analysis

Option 1: That City Council approves the award of a contract to New World Park Solutions Inc in the amount of \$149,500.00 (plus HST) for the provision of Belleview Park Playground Equipment.

Option 2: Do not award a contract. This option is not recommended because the current playground structure is at the end of its expected life and will soon have costly repairs and be placed out of service until repairs are made.

Recommended Option

That City Council approves the award of a contract to New World Park Solutions Inc in the amount of \$149,500.00 (plus HST) for the provision of Belleview Park Playground Equipment.

Respectfully submitted,

Name: David Allan
Title: Interim Purchasing Manager

Name: Mark Thomas
Title: Acting Parks Manager

We concur with this report and recommendation.

Name: Alan Korell, P.Eng.
Title: Interim City Engineer

Name: Shannon Saucier, CPA, CA
Title: Director, Financial Services / Deputy Treasurer

Name: Margaret Karpenko, CPA, CMA
Title: Chief Financial Officer /Treasurer

Name: John Severino, P.Eng, MBA
Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Mark Thomas
Title: Acting Parks Manager

6.7

North Bay, ON

April 23, 2024

Subject: Report from Adam Curran dated April 11, 2024 re Amendment to Zoning By-Law No. 2015-30, Duplexes and Triplexes

File No. _____ **Res.** 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That the proposed Zoning By-Law Amendment to the City's Zoning By-Law No. 2015-30, based on Schedule "A" attached to Report to Council CSBU 2024-18 dated April 11, 2024 from Adam Curran be received and referred to the Community Services Committee for a Public Meeting.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: CSBU-2024-018

Date: April 11, 2024

Originator: Adam Curran

Business Unit:

Department:

Community Services

Planning & Building Department

Subject: Amendment to Zoning By-law 2015-30 – Duplexes and Triplexes

Closed Session: yes no

Recommendation

That City Council direct Planning Staff to hold a public meeting under the Planning Act for a proposed Zoning By-law Amendment to the City’s Zoning By-law 2015-30 based on Schedule ‘A’ in Report to Council CSBU-2024-018 by Adam Curran, dated April 11, 2024.

Background

The Government of Ontario passed Bill 23, the *More Homes Built Faster Act*, on November 28, 2022. The *More Homes Built Faster Act* made a variety of changes to different Acts, including several changes to the Planning Act.

One of those changes was the requirement for Municipalities to permit Additional Dwelling Units (ADUs) within the Urban Residential Land.

Through report to Council CSBU-2023-023, Council enacted both an Official Plan Amendment and a Zoning By-law Amendment to permit Additional Residential Dwelling Units within the City of North Bay.

Part of the Zoning change was to eliminate the definitions of a “Duplex Dwelling and Triplex Dwelling”, the rationale was a duplex is a dwelling unit with two residential units and a triplex has three residential units. The ADU policy now allows up to three residents on an urban property. The definitions were redundant as they were describing the same thing as an ADU.

The proposed ADU policies work within the Residential First Density (R1), Residential Second Density (R2), Residential Third Density (R3) and Residential Fifth Density (R5), if a property owner wanted to have three units

they would apply for a single detached dwelling with two ADUs.

Within the Residential Sixth Density (R6) zone, a single detached dwelling is not permitted, and our current Zoning By-law does not have provisions for duplexes or triplexes within an R6 zone. Currently, only townhouses, fourplexes and group homes would be permitted. This was not the intention of the ADU policies.

This was an unintended consequence, as two units or three units are intended to be permitted within the R6 zone.

The proposed Zoning By-law Amendment would reintroduce the definitions of duplex and triplex into the Zoning By-law and permit these uses within the R6 zone.

The proposed provisions are detailed in Schedule 'A' of this report. An R6 zoned property would require the following for a duplex or a triplex:

Zone	Use	Minimum Lot Area (M ²) per dwelling unit	Minimum Lot Frontage (m)	Maximum Lot Coverage	Maximum Height (Storeys)	Front Yard Setback (m)	Interior Side Yard Setback (m)	Exterior Side Yard Setback (m)	Rear Yard Setback (m)	Other Provisions
R6	Duplex	135	10.5	45%	2.5	6	1.2(1)(3)	3(4)	7.5	N/A
R6	Triplex	90	10.5	45%	2.5	6	1.2(1)(3)	3(4)	7.5	N/A

The Planning Department, as part of the Housing Pledge, is currently reviewing the Residential Zones within the Zoning By-law and will likely recommend further modifications to the Zoning By-law. These proposed changes will ensure there is no undue hardship to property owners looking to develop or redevelop their R6 properties.

It is my professional opinion that the proposal amendment to the Zoning By-law to permit duplexes and triplexes within the Residential Sixth Density (R6) is consistent with the Provincial Policy Statement, 2020, does not conflict with the Growth Plan for Northern Ontario, and conforms to the City's Official Plan and Zoning By-law No.2015-30.

Financial/Legal Implications

Financial implications include staff time to complete the proposed Zoning By-law Amendment and the cost associated to required advertisements.

Corporate Strategic Plan

- Natural North and Near
- Affordable Balanced Growth
- Responsible and Responsive Government
- Economic Prosperity
- Spirited Safe Community

Specific Objectives

- Explore and implement opportunities to streamline processes, policies and practices that make it easier and more effective to do business in

North Bay;

- Facilitate the development of housing options to service the entire community, with consideration to socio-economic characteristics of the community;
- Continually improve on policies and practices that celebrate diversity and create a welcoming environment that supports development, growth, and community engagement; and
- Facilitate the development of housing options to service the needs of the community.

Options Analysis

Option 1: That City Council direct Planning Staff to hold a public meeting under the Planning Act for a proposed Zoning By-law Amendment to the City's Zoning By-law 2015-30 based on Schedule 'A' in Report to Council CSBU-2024-018 by Adam Curran, dated April 11, 2024.

Option 2: That City Council does not direct Planning Staff to hold a public meeting under the Planning Act for a proposed Zoning By-law Amendment to the City's Zoning By-law 2015-30 based on Schedule 'A' in Report to Council CSBU-2024-018 by Adam Curran, dated April 11, 2024.

Recommended Option

Option 1: That City Council direct Planning Staff to hold a public meeting under the Planning Act for a proposed Zoning By-law Amendment to the City's Zoning By-law 2015-30 based on Schedule 'A' in Report to Council CSBU-2024-018 by Adam Curran, dated April 11, 2024.

Respectfully submitted,

Name: Adam Curran, M.E.S., MCIP, RPP

Title: Policy and Business Development Planner

I concur with this report and recommendation

Name: Beverley Hillier, MCIP, RPP

Title: Manager, Planning & Building Services

Name: Ian Kilgour, MCIP, RPP

Title: Director, Community Services

Name: John Severino, P.Eng., MBA

Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Adam Curran, M.E.S., MCIP, RPP

Title: Policy and Business Development Planner

The Corporation of the City of North Bay

By-Law No. 2024-xx

A By-law to Amend Zoning By-Law No. 2015-30 to include Duplex and Triplex within the R6 Zone of the City of North Bay.

Whereas the Council of the Corporation of the City of North Bay has initiated amendments to the Zoning By-law to reinclude duplexes and triplexes within the Residential Sixth Density (R6) zone;

And Whereas the Council of the Corporation of the City of North Bay has ensured that adequate information has been made available to the public, and held at least one public meeting after due notice for the purpose of informing the public of this By-law;

And Whereas it is deemed desirable to amend the regulations of Zoning By-law 2015-30 pursuant to Section 34 of the Planning Act, R.S.O. 1990, c. P. 13, as amended;

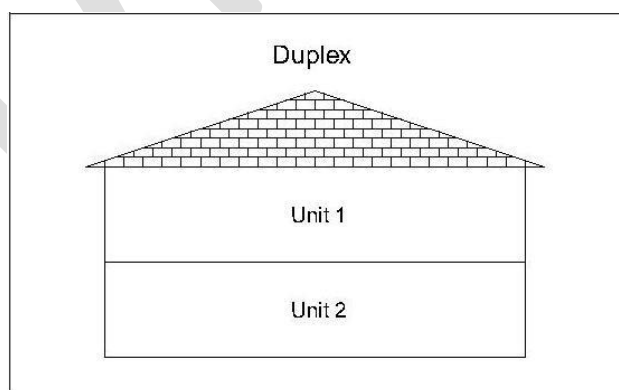
And Whereas Council passed Committee Report 2024-xx to approve this rezoning;

Now therefore the Council of the Corporation of the City of North Bay hereby enacts as follows:

- 1) Section 2 – Definitions of Zoning By-law No. 2015-30 is amended by adding the following definitions after Dwelling, apartment:

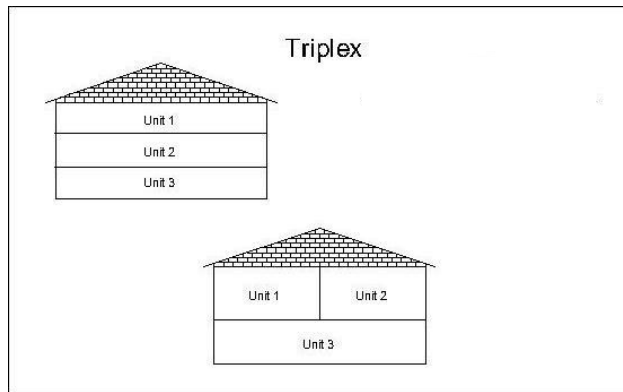
“Dwelling, duplex:

A separate **building** that is divided into two **dwelling units**, each of which has an independent entrance either directly to the outside or through a common vestibule.”



Dwelling, Triplex:

A **building** that is divided into three **dwelling units**, each of which has an independent entrance either directly to the outside or through a common vestibule, but shall not include a **townhouse**.



2) Section 3 – Amend Section 3.15 Permitted Encroachment in Yards to include Duplex and Triplex into the table:

Balconies	Front, Rear, and Exterior Side Yards for Single Detached, Semi-Detached, Duplex, Triplex, and Fourplex. Any Yard for all other residential buildings.	1.8m
------------------	--	------

3) Section 4 – Amend Section 4.13 to add an additional column after the first column to add the following:

Use	Minimum Parking Required
Duplex, Triplex	3 parking spaces required in total for a duplex or triplex.

4) Section 5 – Amend Table 5A – Permitted Low Density Residential Uses to include Duplex Dwelling and Triplex Dwelling after ‘Semi-detached Dwelling’:

Use	R1	R2	R3	R4	R5	R6
Duplex Dwelling						X
Triplex Dwelling						X

5) Section 5 – Amend Table 5B – Low Density Residential Regulations to include Duplex and Triplex after ‘semi-detached dwelling’:

Zone	Use	Minimum Lot Area (M²) per dwelling unit	Minimum Lot Frontage (m)	Maximum Lot Coverage	Maximum Height (Storeys)	Front Yard Setback (m)	Interior Side Yard Setback (m)	Exterior Side Yard Setback (m)	Rear Yard Setback (m)	Other Provisions
R6	Duplex	135	10.5	45%	2.5	6	1.2(1)(3)	3(4)	7.5	N/A
R6	Triplex	90	10.5	45%	2.5	6	1.2(1)(3)	3(4)	7.5	N/A

DRAFT

Read a First Time in Open Council the ___th Day of _____. 2024.

Read a Second Time in Open Council the ___th Day of _____. 2024.

**Read a Third Time in Open Council and Passed this ___th Day of _____.
2024.**

Mayor, Peter Chirico

City Clerk Karen Mclsaac

DRAFT

6.8

North Bay, ON

April 23, 2024

Subject: Report from Beverley Hillier and Adam Lacombe dated April 11, 2024 re
Laurentian Heights Limited – Stormwater Management Cost Share Agreement

File No. _____ **Res.** 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That Council authorize the Mayor and City Clerk to execute the Laurentian Heights Limited Stormwater Management Cost Share Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: CSBU-2024-019

Date: April 11, 2024

Originator: Beverley Hillier and Adam Lacombe

Business Unit:

Department:

Community Services

Planning & Building Department

Subject: Laurentian Heights Limited – Stormwater Management Cost Share Agreement

Closed Session: yes no

Recommendation

That Council authorize the Mayor and City Clerk to execute the Laurentian Heights Limited Stormwater Management Cost Share Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited.

Background

Laurentian Heights Limited is required to construct a Stormwater Management system as part of the development of the Laurentian Heights Plan of Subdivision. This Stormwater Management system has a benefit to both the Laurentian Heights subdivision development and the larger surrounding neighbourhood. The Subdivision Agreement Surrey Drive – Phase 1 set out the City’s commitment to cost-share on the Stormwater Management system but did not speak to the particulars of each party’s obligations. As a result, a cost share agreement has been developed that sets out the details and responsibilities of both Laurentian Heights Limited and the City.

Financial/Legal Implications

The Cost Share Agreement has been reviewed by the City’s solicitor and sets out the responsibilities of each party. Under the Agreement the City is responsible for 62.7% of the costs of the system (approximately \$1.25 million), details of which are outlined in the Agreement.

Funding for the City’s share of the agreement is available in 4340ST – Laurentian Heights Stormwater Management Pond.

Corporate Strategic Plan

- | | |
|--|--|
| <input type="checkbox"/> Natural North and Near | <input type="checkbox"/> Economic Prosperity |
| <input checked="" type="checkbox"/> Affordable Balanced Growth | <input type="checkbox"/> Spirited Safe Community |
| <input type="checkbox"/> Responsible and Responsive Government | |

Specific Objectives

- Maintain infrastructure across the city in a good state of repair.
 - Consider all aspects of decisions to fund new infrastructure.
-

Options Analysis

Option 1:

That Council authorize the Mayor and City Clerk to execute the Laurentian Heights Limited Stormwater Management Cost Share Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited.

Option 2:

That Council does not authorize the Mayor and City Clerk to execute the Laurentian Heights Limited Stormwater Management Cost Share Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited.

This option is not recommended as the cost share on the stormwater management system is appropriate.

Recommended Option

That Council authorize the Mayor and City Clerk to execute the Laurentian Heights Limited Stormwater Management Cost Share Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited.

Respectfully submitted,

Name: Beverley Hillier, MCIP, RPP
Title: Manager, Planning & Building Services

Name: Adam Lacombe, P.Eng.
Title: Senior Capital Program Engineer

I concur with this report and recommendation

Name: Alan Korell, P.Eng.
Title: City Engineer – Infrastructure and Operations

Name: Margaret Karpenko, CPA, CMA
Title: Chief Financial Officer /Treasurer

Name: Peter E.G. Leckie, B.A. (Hons.), LL.B.
Title: City Solicitor

Name: John Severino, P.Eng., MBA
Title: Chief Administrative Officer

Personnel designated for continuance:
Name: Adam Lacombe, P.Eng.
Title: Senior Capital Program Engineer

6.9

North Bay, ON

April 23, 2024

Subject: Report from Karin Pratte dated April 4, 2024 re North Bay Drinking Water System 2023 Reporting

File No. _____ **Res.** 2024 - _____

Moved by Councillor: _____

Seconded by Councillor: _____

That Council receive Report to Council IO 2024-04 dated April 4, 2024 from Karin Pratte, relating to the 2023 North Bay Drinking Water System Annual Report, Summary Report and Drinking Water Quality Management Standard (DWQMS) Management Review for the North Bay Drinking Water System, for information purposes.

Carried Carried as amended Lost

Conflict _____ Endorsement of Chair _____

Yeas _____ Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____



City of North Bay Report to Council

Report No: IO-2024-004

Date: April 4, 2024

Originator: Karin Pratte, P.Eng.

Business Unit:

Department:

Infrastructure and Operations

Engineering

Subject: North Bay Drinking Water System 2023 Reporting

Closed Session: yes no

Recommendation

That North Bay City Council accepts for information the attached 2023 Annual Report, Summary Reports, and DWQMS Management Review for the North Bay Drinking Water System.

Background

In accordance with legislative requirements, attached is the Annual Report, Summary Report, and Drinking Water Quality Management Standard (DWQMS) Management Review meeting minutes for the North Bay Drinking Water System for the year of 2023. It is required under Ontario Regulation 170/03 of the Safe Drinking Water Act that an Annual and Summary Report be prepared for each calendar year and provided to the Ministry of Environment, Conservation and Parks no later than February 28th of the following year. A copy of the report must be provided to Council.

Annual Report

Description of the Drinking Water System

The Annual Report starts with a description of the drinking water system. This includes the Water Treatment Plant and distribution facilities: Ellendale Reservoir and Pumping Station, CFB Standpipe, Judge Valve Chamber, Birches Standpipe, Airport Standpipe and Pumping Station, Larocque Standpipe, Cedar Heights Pumping Station.

Description of Monetary Expenses Incurred

The Annual Report lists major repair and replacements to the drinking water system in 2023. This includes equipment installed or replaced at the water plant and facilities along with watermain repair and replacements in the

distribution system.

List of all Adverse Water Quality Incidents

There were 3 adverse water quality incidents for the North Bay drinking water system in 2023. All incidents were reported to the Ministry of the Environment and Medical Officer of Health as required and corrective actions were implemented immediately.

Microbiological Testing Summary

Weekly microbiological testing is required in the distribution system and facilities. Approximately 80 microbiological samples are taken monthly and tested for bacteria content. All samples met the Ontario Drinking Water Quality Standards.

Operational Testing Summary

Operational testing of relevant parameters is completed by operational staff and on-line analyzers. There are three tables included in this section of the report which indicate the parameter being tested, the number of samples taken, the range of results (minimum and maximum values) and the regulatory requirement. All results listed meet the Ontario Drinking Water Quality Standards.

Inorganic, Organic, THM and Lead Testing Summary

Quarterly and annual sampling is required under the drinking water regulations. The charts on pages 9 through 18 list the results of this sampling. All results listed meet the Ontario Drinking Water Quality Standards with the exception of one lead plumbing sample which is noted in the Adverse Water Quality Incidents.

Summary Report

The North Bay drinking water system summary report is also included for your information. The report provides a description of the water treatment plant, lists the adverse water quality incidents, and presents the record of water takings and treated water consumption for the North Bay Water Treatment Plant for the stated period (2023) and compares it to the 12 years prior. The 2023 treated water volume delivered into the distribution system is up by 2% from 2022.

DWQMS Management Review

The City of North Bay drinking water system has a Quality Management System which adheres to the Drinking Water Quality Management Standard (DWQMS) as required by Ontario Regulation 188. It is a requirement of the DWQMS that a management review meeting be held annually to evaluate the continuing suitability, adequacy, and effectiveness of the City of North Bay's Quality Management System. Results of the management review must be provided to the owner of the drinking water system which is represented by the Mayor and Council. Please find attached meeting minutes from the management review held in 2023.

Financial/Legal Implications

It is required under the Safe Drinking Water Act that the Drinking Water Annual Report, Summary Report and DWQMS Management Review meeting minutes be provided to Council.

Corporate Strategic Plan

- Natural North and Near
- Affordable Balanced Growth
- Responsible and Responsive Government
- Economic Prosperity
- Spirited Safe Community

Specific Objectives

Maintain compliance with the Safe Drinking Water Act.

Options Analysis

Option 1: That North Bay City Council accepts for information the attached 2023 Annual Report, Summary Report, and DWQMS Management Review for the North Bay Drinking Water System.

Option 2: That North Bay City Council does not accept the information. This is not recommended as it is a legislative requirement that Council receive this information.

Recommended Option

That North Bay City Council accepts for information the attached 2023 Annual Report, Summary Reports, and DWQMS Management Review for the North Bay Drinking Water System.

Respectfully submitted,

Name: Karin Pratte, P.Eng.

Title: Senior Environment & Facilities Engineer

I concur with this report and recommendation

Name: Alan Korell, P.Eng.

Title: Interim City Engineer

Name: John Severino, P.Eng., MBA

Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Karin Pratte, P.Eng.
Title: Senior Environment & Facilities Engineer

2023 SUMMARY REPORT FOR THE NORTH BAY WATER TREATMENT SYSTEM

This report is a summary of water quality information for the North Bay Water Treatment System, published in accordance with Schedule 22 of Ontario’s Drinking-Water Systems Regulation for the reporting period of January 1, 2023 to December 31, 2023. This report is based on all information received within the stated reporting period and items that remained outstanding in the last reporting periods that have been carried forward.

The North Bay Water Treatment System is categorized as a Large Municipal Residential Drinking Water System. The City of North Bay is the Operating Authority for the Water Treatment Plant and water distribution system. The following table lists the requirements that the system failed to meet and the measures taken to correct the failure:

The following is a list of the adverse sampling results from the North Bay WTP and Distribution System (DS) over the year of 2023.

List the requirement(s) the system failed to meet	Specify duration of the failure (i.e. date(s))	Describe the measures taken to correct the failure	Status (complete or outstanding)
UVT Monitoring at the Water Treatment Plant	July 27, 2023	Non-Compliance resulting from sample pump failure. The sample pump feeds the UVT Analyzer which needs to have a reading every five (5) minutes as per the water license. MECP notified	Complete
UVT Monitoring at the Water Treatment Plant	July 31, 2023	Non-Compliance resulting from UVT Analyzer wiper issue which did not allow a reading every five (5) minutes as per the water license. MECP Notified	Complete
Lead Exceedance Plumbing	October 6, 2023	Sample from plumbing at 1016 Fisher St. resulted in a lead exceedance of 0.0119mg/L. Reported to MOH and MECP as per regulations on October 19, 2023. Results sent to homeowner through registered mail.	Complete

The North Bay WTP has the design capacity of 79,500 cubic meters of water per day. The WTP is a SCADA controlled membrane filtration system with ultraviolet and chlorine disinfection systems. The plant also includes fluoride addition along with caustic for pH adjustment and control max for corrosion control prior to delivery to the distribution. The WTP meets the Ontario Drinking Water Standards requirements for the removal/disinfection of 2-log *Cryptosporidium* oocysts, 3-log *Giardia* cysts, and 4-log Viruses.

The North Bay WTP achieves the above performance criteria using membrane filtration (0.1 micron pore size), ultraviolet (UV) inactivation and chlorine disinfection.

The filtration process meets the criteria listed in the Procedure for Disinfection of Drinking Water in Ontario for membrane filtration, including;

1. Maintain effective backwash procedures, including filter-to-waste or an equivalent procedure, to ensure that the effluent turbidity requirements are met at all times;
2. Monitor integrity of the membrane by continuous particle counting or equivalent effective means (e.g., intermittent pressure decay measurements) (Note: intermittent pressure decay monitored at the North Bay WTP).
3. Continuously monitor filtrate turbidity; and,
4. Meet the performance criterion for filtered water turbidity of less than or equal to 0.1 NTU in 99% of the measurements each month.

The following is a breakdown of the pathogen removal credits for the North Bay WTP:

- Membrane filtration provides 3.0 log removal of *Giardia*, 2-log removal of *Cryptosporidium*
- UV inactivation provides 0.5-log removal of *Giardia* and 0.5-log removal of *Cryptosporidium*
- Chlorine disinfection provides 4-log removal of viruses

All of the filter rack effluent lines are equipped with continuously monitored, recorded and alarmed turbidity analyzers which will shut down the respective rack if a reading exceeds 0.1 NTU.

Filtered water is directed through the UV disinfection units prior to entering the contact chambers. The two chlorine contact tanks can be operated separately or in sequence and still provide the required 4 log disinfection. This facility is equipped with continuously monitored, recorded and alarmed CT calculation. The SCADA system also automatically takes data from several sources (flow, temperature, free chlorine residual, pH, water depth in contact tanks, and which contact tank is in service) and calculates the log removal credits achieved for *Giardia* & Viruses.

The following information presents the Annual Record of Water Taking for the North Bay Water Treatment Plant and the treated water consumption.

Raw Water Taking

In overview some 8,293,595 cubic meters of water were taken from Trout Lake during the year of 2023. The average water taking for 2023 was 22,722 cubic meters per day. The maximum water taking per day was 43,270 cubic meters in July, this was 54% of the maximum 79,500 cubic meters per day allowed under the Permit to Take Water.

Raw Water Taking	Total Taking (m3)	Average Day (m3/d)	Max Day (m3/d)	Max Day % of PTTW allowable (79,500 m3/d)
2023	8,293,595	22,722	43,270	54%
2022	8,117,355	22,239	29,222	37%
2021	7,521,563	20,607	36,180	46%
2020	7,152,145	19,541	27,907	35%
2019	7,475,978	20,482	33,351	42%
2018	7,265,251	19,905	27,500	35%
2017	6,881,781	18,851	28,818	36%
2016	7,677,448	20,973	27,638	35%
2015	10,244,897	28,149	39,531	50%
2014	10,451,967	28,645	41,509	52%
2013	10,713,683	29,257	43,560	55%
2012	11,804,231	32,227	51,963	65%
2011	12,752,104	34,925	51,870	65%

The 2023 total raw water taking was up by 2% from 2022.

Treated Water

In overview some 8,209,325 cubic meters of water were delivered to the distribution system during the year 2023. The average treated water delivered to the distribution system was 22,491 cubic metres per day for 2023. The maximum water delivered to the distribution system per day during 2023 was 42,864 cubic meters in July and this was 55% of the 78,700 cubic meters per day rated capacity of the plant.

Treated Water Taking	Total Treated (m3)	Average Day (m3/d)	Max Day (m3/d)	Max Day % of PTTW allowable (78,700 m3/d)
2023	8,209,325	22,491	42,864	55%
2022	8,024,892	21,986	28,936	37%
2021	7,411,731	20,306	35,837	46%
2020	7,053,621	19,272	27,527	35%
2019	7,392,707	20,254	33,137	42%
2018	7,146,560	19,573	27,074	34%
2017	6,788,663	18,597	28,655	36%
2016	7,564,121	20,720	27,290	35%
2015	10,228,009	28,019	39,128	50%
2014	10,337,724	28,335	41,399	52%
2013	10,578,115	28,962	43,235	55%
2012	11,659,907	31,910	51,534	65%
2011	12,563,903	34,408	51,450	65%

The 2023 total treated water volume delivered into the distribution system was up by 2% from 2022.

Report Prepared by: Jonathan Dewey, C-Tech
Operational Supervisor Water and Wastewater Facilities
City of North Bay

Drinking-Water System Number:	220000460
Drinking-Water System Name:	North Bay Water Drinking Water System
Drinking-Water System Owner:	The Corporation of the City of North Bay
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2023 to December 31, 2023

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [] No []

Is your annual report available to the public at no charge on a web site on the Internet?

Yes [] No []

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

The Corporation of the City of North Bay
P.O. Box 360
200 McIntyre Street East
North Bay, ON P1B 8H8

Complete for all other Categories.

Number of Designated Facilities served:

Did you provide a copy of your annual report to all Designated Facilities you serve?

Yes [] No []

Number of Interested Authorities you

report to:

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?

Yes [] No []

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
N/A	

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes [] No []

Indicate how you notified system users that your annual report is available and is free of charge.

[X] Public access/notice via the web

[X] Public access/notice via a newspaper

Describe your Drinking-Water System

The City of North Bay water treatment plant (WTP), water distribution facilities and water distribution piping system are owned and operated by the Corporation of the City of North Bay. The City of North Bay Water Treatment System is classified as a "Large Municipal Residential" Drinking-Water System, Class 3 Water Treatment Plant and Class 4 Water Distribution System with the Drinking-Water System Number: 220000460. The WTP is located at 248 Lakeside Drive in North Bay and treats water from Trout Lake which is part of the Mattawa River watershed. The WTP services a population of approximately 54,000, the permit to take water permits water consumption up to 79,500 cubic meters per day.

The water distribution facilities consist of the following:

Ellendale Reservoir, High lift Pump Station & Re-chlorination Facility;
CFB Standpipe;
Canadore Pumping Station;
Cedar Heights Booster pumping station;
Judge Avenue Valve Chamber;
Birches Road Standpipe and Re-chlorination Station; and
Airport Road Standpipe, Booster Pumping Station and Re-chlorination Facility.
Larocque Rd. Standpipe

The membrane filtration water treatment plant has the design capacity of 79,500 cubic meters per day. The plant is a SCADA controlled membrane filtration system with ultraviolet and chlorine disinfection. The plant also doses fluoride, caustic for pH adjustment and Control Max for corrosion control prior to delivery to the distribution system.

The membrane filtration plant meets the Ontario Drinking Water Standards requirements for the removal/disinfection of 3-log *Giardia Lambia*, 2-log *Cryptosporidium* and 4-log Viruses. The membrane filtration Primary Barrier provides a 3- log *Giardia* removal, 2-log *Cryptosporidium* removal. The chlorine/UV disinfection Secondary Barrier provides for a 0.5 *Giardia* removal, 0.5-log *Cryptosporidium* removal and with chlorine addition gives a 4- log virus removal.

In general the North Bay WTP can be described as follows:

Intake

A 1200mm diameter 45 series polyethylene intake pipe, with a capacity of 80,000 cubic meters per day. The pipe, constructed in 1973, extends approximately 300 meters into Delaney Bay of Trout Lake and includes an intake structure consisting of a steel inlet bell mouth with fiber reinforced plastic (FRP) cage and is in approximately 21.5 meters of water at low water level.

Membrane Feed Pump Well/Prescreening

Two (2) parallel sub-surface well chambers with level monitoring containing, two (2) 6mm mesh manual prescreen in series, five (5) vertical turbine pumps (4 duty and one standby) each rated at 20 ML/d feeding the primary membrane system.

Membrane Feed Strainers

Five (5) 300 micron automatic membranes feed strainers (four duties and one standby).

Treatment Plant Process Areas

A building housing the following process components:

- Primary and secondary membrane filtration system;
- Primary and secondary UV disinfection system;
- Two (2) chlorine contact tanks;
- split high lift pump well
- three (3) chemical storage and delivery rooms housing membrane cleaning and neutralization chemical systems, pre-chlorination system, primary disinfection chemical system, secondary chlorination chemical system, pH adjustment system, fluoride and corrosion control addition system.

Also includes;

- High lift pumping room;
- Generator room;
- Electrical room.
- Compressor/blower room

Administration Area

Two floor administrative area including laboratory/control room, server room, multipurpose training room, offices, washrooms, women's and men's locker rooms, janitor room, building mechanical room and storage room.

Membrane Filtration

Eleven (11) pressurized primary membrane racks treating water from the membrane feed strainers, two(2) pressurized secondary membrane racks treating non-chemical backwash water from the primary membrane racks. The primary racks have a maximum production flow rate of 78.7 MLD based on raw water flow rate of 79.5 MLD, Ancillary systems including backwash pumps, instrument air for operating valves and integrity testing membranes, process blowers, and chemical cleaning and neutralization systems.

UV Disinfection Systems

Three (3) 600mm primary UV reactors (two duty and one standby) treating water from the eleven (11) pressurized primary membrane racks and two (2) secondary membrane racks. Two dedicated UV reactors for secondary membrane racks up stream of primary UV reactors. Each reactor contains medium pressure high intensity lamps housed in quartz sleeves; units equipped with self-cleaning mechanism and intensity sensors.

Chemical systems for:

Primary disinfection

Secondary (residual) disinfection

Fluoride Dosing

pH Adjustment

Corrosion Control

Membrane cleaning

Membrane cleaning solutions neutralization

Chlorine Contact Tank #1 and #2

Two (2) baffled chlorine contact tanks in series with capacities of 688 cubic meters in (tank #1) and 502 cubic meters (tank #2).

High Lift Pump Well #1 and #2

High lift pump well #1 has a capacity of approximately 240 cubic meters and is equipped with one (1) variable speed and two (2) constant speed vertical turbine high lift pumps each rated at 20 MLD. High lift pump well #2 has a capacity of approximately 240 cubic meters and is equipped with one (1) variable speed and one (1) constant speed vertical turbine high lift pump each rated at 20 MLD.

Generator Room

One (1) dual fuel generator set (NG/Diesel) with a rating of 2050KW, to provide power during peak hours and emergency situations.

Wastewater Disposal System**Primary Membrane Backwash Tank**

Tank with a volume of approximately 310 cubic meters,
Two (2) membranes feed pumps supplying water to the Secondary Membrane System.

Secondary Waste Tank

Tank with a volume of approximately 130 cubic meters,
Two (2) pumps, one duty and one standby, to deliver water to the sanitary sewer.

Neutralization Tank #1 and #2

Two (2) tanks each with a volume of 150 cubic meters, pH and Chlorine Residual analyzers. Designed to dechlorinate and adjust pH to suitable levels for wastewater plant.

Sanitary Sewage Disposal

One sump with two (2) submersible pumps in the Administration Area and two (2) sumps and two (2) submersible pumps in the Process Area discharging to the sanitary sewer along Lakeside Drive

The treated water is pumped to the distribution system.

The water distribution facilities can be described as follows:

Ellendale Reservoir High lift Pumping Station and Re-chlorination Facility

The facility is a reinforced concrete at-grade, double cell, un-baffled, treated water reservoir, located at

the east end of Ellendale Drive. The reservoir has an approximate capacity of 18,200 cubic meters, with dimensions of 71 meters by 38 meters by 7 meters. The facility is equipped with a sodium hypochlorite re-chlorination system, on-line continuous water quality analyzer for free chlorine residual monitoring. A 500KW, 346/600V standby diesel generator is available to operate the facility during power outages.

Birch's Road Standpipe and Re-chlorination Station

The facility consists of one (1) 39 meter high, 19 meter diameter, 11,775 cubic meter capacity with a hydrostatic mixing system, the steel standpipe is located near the southwest corner of Birch's Road and Booth Road. The facility is equipped with a sodium hypochlorite re-chlorination system and on-line continuous water quality analyzer for free chlorine. A fixed 7.5kW, 120/240 Volt single phase diesel powered generator to power the re-chlorination and SCADA communications during prolonged power outages.

Larocque Rd. Standpipe

The facility consists of one (1) 22 meter high, 15meter diameter, and 4,000 cubic meter capacity glass fused to steel standpipe with a hydrostatic mixing system. The standpipe is located at the North end of the city on Larocque Rd. to provide water pressure to future development, along with the Canadore College and Nippissing University. There is a 10KW, 120/240V backup generator to maintain communication and SCADA controls during power outages.

Judge Avenue Valve Chamber

The facility consists of two (2) valves and chlorine analyzer designated as the distribution residual compliance point. The station is located near the northeast corner of Judge Avenue and Lakeshore Drive. The facility is equipped with a fixed 7.5kW 120/240 Volt single phase, diesel powered generator to power the valve and SCADA communications during prolonged power outages. Valve control for pressure or tower level integrated with Birches Standpipe. The equipment for a re-chlorination station is located at the facility however not currently in use.

CFB Standpipe

The standpipe is a glass fused to steel un-baffled tank with an electric mixer inside, it is located on the Airport Standpipe property and shares all the buildings resources such as the PLC and standby generator. This Standpipe has a volume of 2,280m³ and supplies water to zone 3 and the Airport Standpipe. The piping at this facility allows this standpipe to also supply water for zone 5 during emergencies and maintenance activities.

Canadore Pumping Station

The facility is equipped with two (2) PRV's, one (1) six inch and one (1) two inch which are responsible for providing water from zone 2 into zone 1. This helps with water age in Laroque standpipe and provides extra fire flow water available to the lower zone.

Cedar Heights Booster Station

This Facility is equipped with two (2) 100 hp high lift pumps responsible for filling the Larocque Rd. Standpipe with a pressurized cushion tank to protect pressure surges in the grid. There is an on-line continuous water quality analyzer to monitor free chlorine residual and a 357kW, 347/600 Volt, 3 phase diesel generator to provide equipment power and SCADA communications during prolonged power outages.

Airport Standpipe, Booster Pumping Station

This 4,000 cubic meter water storage standpipe, booster pumping station and re-chlorination facility was constructed in 2009. With the standpipe, high lift pumps, pressurized cushion tanks and a 500kW back-up diesel generator. This system consists of a standpipe and a series of pumps to facilitate filling of the standpipe and providing pressure to the Airport Rd. and Carmichael Dr. area (Zone 5). Filling the standpipe utilizes three booster pumps (2 duty and 1 standby). The standpipe provides suction pressure for four booster pumps (3 duties and 1 standby) and two fire pumps to provide pressure for Zone 5. Zone 5 is equipped with four (4) pneumatic tanks to mitigate minor pressure fluctuations within the distribution system, and to provide some volume of available storage during power interruptions while the standby power system engages.

List all water treatment chemicals used over this reporting period

Sodium Hydroxide
 Sodium Hypochlorite
 HydroFluorosilicic Acid
 Control Max

Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred treatment and distribution of water to Major repair and replacement to ensure reliable the water system.

The major capital repairs and replacements include:

- Completion of phase 2 of Aviation Lane project, with the installation of the remaining 495 m of 300mm water main. Also installed 8 new hydrants on this new main.
- Installation of 61 m of 150mm watermain on Geroge St. looping in Gladstone Ave. to Lee Ave.
- Installation of 126m of 150mm water main on Mary St. between Ducan Ave. and Park Ave. Installed one new fire hydrant and decommissioned 35.0m of 50mm watermain.
- Replaced 360m of 150mm watermain with new 200mm watermain on Ivanhoe Dr. from Sage Rd. to Rita Rd. and side streets at Camelot Dr. and Rita Rd.
- Installed all new 150mm piping in Canadore Booster Station and installed two PRV's, one PRV is 150mm and the second is 50mm to feed water from Zone 2 into Zone 1.
- Large Electrical upgrade at Ellendale Reservoir including the upgrading of electrical panels and a new 500KW, 346/600V back up diesel generator.

- Replaced Chlorine tanks at Ellendale Reservoir and replaced with one single chlorine storage tank with a capacity of 2200L, increasing capacity from 1000L. Installed doors and ventilation to separate chlorine storage area from the rest of the facility.
- Installed a permanent 4" PRV valves on the redundant line at Judge Valve Chamber. This allows any pressure surges in Zone 1 to be dissipated in the Zone 1A to protect the water infrastructure in the distribution.
- Upgraded panels on the Neutralization Tank System to Prominent standardizing with other chemical analyzers in the Water Treatment Plant.
- IT department worked on various infrastructure upgrades with PLC and SCADA Networking Equipment at the Water Treatment Plant
- Upgrade to cellular communications from troublesome satellites stations from radio due to poor connectivity.
- ROV inspection of Laroque standpipe was conducted to inspect the internal shape of the tank.

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
July 27, 2023	UVT Monitoring at the Water Treatment Plant	Manual Setting 70%	% Transmittance.	Non-Compliance resulting from sample pump failure. The sample pump feeds the UVT Analyzer which needs to have a reading every five(5) minutes as per the water license. MECP notified	July 31, 2023
July 31, 2023	UVT Monitoring at the Water Treatment Plant	Manual Setting 70%	% Transmittance.	Non-Compliance resulting from UVT Analyzer wiper issue which did not allow a reading every five(5) minutes as per the water license. MECP Notified	August 2, 2023
October 6, 2023	Lead Exceedance Plumbing	0.0119	mg/L	Sample from plumbing at 1016 Fisher St. resulted in a lead exceedance. Reported to MOH and MECP as per regulations on October 19, 2023. Results sent to homeowner through registered mail.	October 19, 2023

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	Number of Samples	Range of E.coli (#)-(#)	Range of Total Coliform Results (#)-(#)	Number of samples Background Colony Counts	Range of Back-ground Colony Counts	Number of HPC Samples	Range of HPC Results (#)-(#)
Raw	52	0-23	0-73	52	8->200	N/A	N/A
Treated	52	0-0	0-0	52	0-0	52	0-9
Distribution Fixed Sites	364	0-0	0-0	364	0-0	104	0-7
Distribution Random Sites	520	0-0	0-0	520	0-2	156	0-120

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

POE Grab Samples	Number of Grab Samples	Range of Results (min #)-(max #)	ODWQS/Operational Requirement
Turbidity	242	0.062 – 0.361 NTU	1.0 NTU max
Chlorine	296	0.89 – 1.45 mg/L	0.05 mg/L min.
Fluoride (If the DWS provides fluoridation)	211	0.0 – 0.86 mg/L	1.5 mg/L max

Distribution Free Chlorine Grab Samples	Number of Grab Samples	Range of Results (min #)-(max #)	ODWQS Requirement
Chlorine Fixed Sites	2919	0.24 – 4.44 mg/L	0.05mg/L min.
Chlorine Random Sites	520	0.12 - 1.78 mg/L	0.05 mg/L min.

POE on-line Continuous Analyzers	Number of Grab Samples	Range of Results (min #)-(max #)	ODWQS/Operational Requirement
Turbidity	8760	0.005 – 0.780NTU	5.0 NTU max
Chlorine	8760	0.80 – 2.77 mg/L	0.05 mg/L min.
Fluoride (If the DWS provides fluoridation)	8760	0.0 – 1.15mg/L	1.5 mg/L max

Summary of Inorganic parameters tested during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	18 Jul 23	<0.0001	mg/L	no
Arsenic	18 Jul 23	0.0001	mg/L	no
Barium	18 Jul 23	0.011	mg/L	no
Boron	18 Jul 23	0.005	mg/L	no
Cadmium	18 Jul 23	<0.000015	mg/L	no
Chromium	18 Jul 23	<0.0010	mg/L	no
Mercury	18 Jul 23	<0.00002	mg/L	no
Selenium	18 Jul 23	<0.001	mg/L	no
Uranium	18 Jul 23	<0.00005	mg/L	no
Sodium	18 Jul 23	11.3	mg/L	no
Fluoride	18 Jul 23	0.735	mg/L	no
Nitrite	4 Jan 23 3 Apr 23 4 Jul 23 2 Oct 23	<MDL <MDL <MDL <MDL	mg/L mg/L mg/L mg/L	no
Nitrate	4 Jan 23 3Apr 23 4 Jul 23 2 Oct 23	<MDL <MDL <MDL 0.224	mg/L mg/L mg/L mg/L	no

*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

Summary of lead testing under Schedule 15.1 during this reporting period

(Applicable to the following drinking water systems; large municipal residential systems, small Municipal residential systems and non-municipal year-round residential systems)

	Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Unit of Measure	Number of Exceedances
Round 1 Dec 15 2022 to Apr 15 2023	Plumbing	44	0.00003 – 0.00985	mg/L	0
	Distribution	8	0.00009 – 0.00033	mg/L	0
Round 2 June 15 2023 to Oct 15 2023	Plumbing	44	0.00004 – 0.01190	mg/L	1
	Distribution	8	0.00011 – 0.00045	mg/L	0

Summary of Organic parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	18 Jul 23	<0.0003	mg/L	no
Atrazine + N-dealkylated metabolites	18 Jul 23	<0.0005	mg/L	no
Azinphos-methyl	18 Jul 23	<0.001	mg/L	no
Benzene	18 Jul 23	<0.0005	mg/L	no
Benzo(a)pyrene	18 Jul 23	<0.000006	mg/L	no
Bromoxynil	18 Jul 23	<0.0005	mg/L	no
Carbaryl	18 Jul 23	<0.003	mg/L	no
Carbofuran	18 Jul 23	<0.001	mg/L	no
Carbon Tetrachloride	18 Jul 23	<0.0002	mg/L	no
Chlorpyrifos	18 Jul 23	<0.0005	mg/L	no
Diazinon	18 Jul 23	<0.001	mg/L	no
Dicamba	18 Jul 23	<0.001	mg/L	no
1,2-Dichlorobenzene	18 Jul 23	<0.0005	mg/L	no
1,4-Dichlorobenzene	18 Jul 23	<0.0005	mg/L	no
1,2-Dichloroethane	18 Jul 23	<0.0005	mg/L	no
1,1-Dichloroethylene (vinylidene chloride)	18 Jul 23	<0.0005	mg/L	no
Dichloromethane	18 Jul 23	<0.005	mg/L	no
2-4 Dichlorophenol	18 Jul 23	<0.0002	mg/L	no
2,4-Dichlorophenoxy acetic acid	18 Jul 23	<0.001	mg/L	no
Diclofop-methyl	18 Jul 23	<0.0009	mg/L	no
Dimethoate	18 Jul 23	<0.001	mg/L	no
Diquat	18 Jul 23	<0.005	mg/L	no
Diuron	18 Jul 23	<0.005	mg/L	no
Glyphosate	18 Jul 23	<0.025	mg/L	no
Malathion	18 Jul 23	<0.005	mg/L	no
Metolachlor	18 Jul 23	<0.003	mg/L	no
Metribuzin	18 Jul 23	<0.003	mg/L	no
Monochlorobenzene	18 Jul 23	<0.0005	mg/L	no
Paraquat	18 Jul 23	<0.001	mg/L	no
Pentachlorophenol	18 Jul 23	<0.0002	mg/L	no
Phorate	18 Jul 23	<0.0003	mg/L	no
Picloram	18 Jul 23	<0.005	mg/L	no
Polychlorinated Biphenyls(PCB)	18 Jul 23	<0.00005	mg/L	no
Prometryne	18 Jul 23	<0.0001	mg/L	no
Simazine	18 Jul 23	<0.0005	mg/L	no
THM (NOTE: show latest annual average)		66.63	ug/L	no
Terbufos	18 Jul 23	<0.0005	mg/L	no

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Tetrachloroethylene	18 Jul 23	<0.0005	mg/L	no
2,3,4,6-Tetrachlorophenol	18 Jul 23	<0.0002	mg/L	no
Triallate	18 Jul 23	<0.01	mg/L	no
Trichloroethylene	18 Jul 23	<0.0005	mg/L	no
2,4,6-Trichlorophenol	18 Jul 23	<0.0002	mg/L	no
Trifluralin	18 Jul 23	<0.0005	mg/L	no
Vinyl Chloride	18 Jul 23	<0.0002	mg/L	no
2 Methyl-4-Chlorophenoxyacetic acid (MCPA)	18 Jul 23	<0.01	mg/L	no

THM Dist. Sample Location Mid-Canada Line & Pinewood Park Sample Stations	1 st Quarter Result Value	2 nd Quarter Result Value	3 rd Quarter Result Value	4 th Quarter Result Value	Unit of Measure	Exceed- dance
Sample Period	Jan. 9 – Mar. 6, 2023	Apr.3 – June 5, 2023	July 4 – Sept. 5, 2023	Oct. 3 – Dec. 4, 2023	mg/L	
Bromodichloromethane (Average)	0.0040 0.0040	0.0040 0.0040	0.0043 0.0047	0.0035 0.0040	mg/L	
Bromoform(Average)	<0.005 <0.005	<0.005 <0.005	<0.005 <0.005	<0.005 <0.005	mg/L	
Chloroform(Average)	0.09200 0.08250	0.09200 0.08500	0.10967 0.10833	0.08400 0.09733	mg/L	
Dibromochloromethane (Average)	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	mg/L	
Total Trihalomethanes	0.09175	0.09150	0.11367	0.09580	mg/L	No
THM All Distribution sites (Averages)	1 st Quarter Result Value	2 nd Quarter Result Value	3 rd Quarter Result Value	4 th Quarter Result Value	Unit of Measure	Exceed- dance
Sample Period	Jan. 4 – Mar. 6, 2023	Apr.3 – June 5, 2023	July 4, - Sep. 6, 2023	Oct. 2 – Dec. 5, 2023	mg/L	
Bromodichloromethane	0.0032	0.0027	0.0028	0.0028	mg/L	
Bromoform	<0.005	<0.005	<0.005	<0.005	mg/L	
Chloroform	0.06497	0.05844	0.06533	0.06681	mg/L	
Dibromochloromethane	<0.002	<0.002	<0.002	<0.002	mg/L	
Total Trihalomethanes	0.06803	0.06114	0.06800	0.06936	mg/L	

THM Dist. Sample Location Mid-Canada Line & Pinewood Park Sample Stations	1st Quarter Result Value	2nd Quarter Result Value	3rd Quarter Result Value	4th Quarter Result Value	Unit of Measure	Exceed- dance
Total Trihalomethanes 4 Quarter Running Average (Random & Fixed Sites Included)				0.06663	mg/L	No

HAA Distribution Sample Locations Judge Valve & HLPS (Averages)	1st Quarter Result Value	2nd Quarter Result Value	3rd Quarter Result Value	4th Quarter Result Value	Unit of Measure	Exceed- dance
Sample Period	Jan 1 – Mar. 31, 2023	Apr.1 – June. 30, 2023	July 1, - Sep. 30, 2023	Oct. 1 – Dec. 31, 2023		
(Mono)Bromoacetic Acid	< 0.002 < 0.002	< 0.002 < 0.002	< 0.002 < 0.002	< 0.002 < 0.002	mg/L	
(Mono) Chloroacetic Acid	< 0.002 < 0.002	< 0.002 < 0.002	< 0.002 < 0.002	< 0.002 < 0.002	mg/L	
Dibromoacetic Acid	< 0.002 < 0.002	< 0.002 < 0.002	< 0.002 < 0.002	< 0.002 < 0.002	mg/L	
Dichloroacetic Acid	0.0190 0.0215	0.0349 0.0476	0.0204 0.0270	0.0219 0.0172	mg/L	
Trichloroacetic Acid	0.0330 0.0437	0.0424 0.0620	0.0363 0.0106	0.0597 0.0360	mg/L	
Avg.Total Haloacetic Acids	0.05860	0.09365	0.04715	0.06740	mg/L	
Total Haloacetic Acid Running Quarterly Average				0.06670	mg/L	No

Quarterly PFAS Sample (Range)	1st Quarter Result Value	2nd Quarter Result Value	3rd Quarter Result Value	4th Quarter Result Value	Unit of Measure	Exceed -dance
	Jan.16, 2023	April 12, 2023	July 11, 2023	October 11, 2023	ng/L	
Perfluorodecanoic Acid (PFDA)	<2.0	<2.0	<2.0	<2.0	ng/L	
Perfluorododecanoic Acid (PFDOA)	<2.0	<2.0	<2.0	<2.0	ng/L	
Perfluorodecane Sulfonic Acid (PFDS)	<2.0	<2.0	<2.0	<2.0	ng/L	
Perfluoroheptanoic Acid 3 (PFHPA)	4.2	4.2	3.7	3.4	ng/L	
Perfluorohexanoic Acid (PFHXA)	6.3	6.8	6.3	5.4	ng/L	
Perfluorohexane Sulfonic Acid (PFHXS)	12.3	11.9	11.5	12.4	ng/L	
Perfluorononanoic Acid (PFNA)	<2.0	<2.0	<2.0	<2.0	ng/L	
Perfluorooctanoic Acid (PFOA)	3.5	4.3	3.8	3.0	ng/L	
Perfluorooctane Sulfonic Acid (PFOS)	26.7	37.5	30.2	24.4	ng/L	
Perfluorooctane Sulfonamide (PFOSA)	<2.0	<2.0	<2.0	<2.0	ng/L	
Perfluoroundecanoic Acid (PFUNA)	<2.0	<2.0	<2.0	<2.0	ng/L	
Total Sum for Quarter	53.0	64.7	55.5	48.6	ng/L	No

**** Sample Results and Sums are representing Treated Samples at POE. ******

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	½ MAC VALUE	MAC VALUE	Date of Sample
THM	0.0740	mg/L	0.050	0.100	Jan.4,2023
THM	0.0750	mg/L	0.050	0.100	Jan.4,2023
THM	0.1110	mg/L	0.050	0.100	Jan.9,2023
THM	0.0810	mg/L	0.050	0.100	Jan.9,2023
THM	0.0590	mg/L	0.050	0.100	Jan.9,2023
THM	0.0610	mg/L	0.050	0.100	Jan.9,2023
THM	0.0630	mg/L	0.050	0.100	Jan.9,2023
THM	0.0530	mg/L	0.050	0.100	Jan.9,2023
THM	0.0530	mg/L	0.050	0.100	Jan.9,2023
THM	0.0890	mg/L	0.050	0.100	Jan.9,2023
PFAS(Raw)	53.50	ng/L	35.00	70.00	Jan.16,2023
PFAS(Treated)	53.00	ng/L	35.00	70.00	Jan.16,2023
THM	0.0750	mg/L	0.050	0.100	Feb.6,2023
THM	0.0710	mg/L	0.050	0.100	Feb.6,2023
THM	0.0930	mg/L	0.050	0.100	Feb.6,2023
THM	0.1000	mg/L	0.050	0.100	Feb.6,2023
THM	0.0870	mg/L	0.050	0.100	Feb.6,2023
THM	0.0580	mg/L	0.050	0.100	Feb.6,2023
THM	0.0630	mg/L	0.050	0.100	Feb.6,2023
THM	0.0540	mg/L	0.050	0.100	Feb.6,2023
THM	0.0900	mg/L	0.050	0.100	Feb.6,2023
THM	0.0870	mg/L	0.050	0.100	Feb.6,2023
THM	0.0610	mg/L	0.050	0.100	Feb.6,2023
HAA	0.0520	mg/L	0.040	0.080	Mar.6,2023
HAA	0.0652	mg/L	0.040	0.080	Mar.6,2023
THM	0.0610	mg/L	0.050	0.100	Mar.6,2023
THM	0.0640	mg/L	0.050	0.100	Mar.6,2023
THM	0.0940	mg/L	0.050	0.100	Mar.6,2023
THM	0.0930	mg/L	0.050	0.100	Mar.6,2023
THM	0.0600	mg/L	0.050	0.100	Mar.6,2023
THM	0.0540	mg/L	0.050	0.100	Mar.6,2023
THM	0.0740	mg/L	0.050	0.100	Mar.6,2023
THM	0.0830	mg/L	0.050	0.100	Mar.6,2023
THM	0.0650	mg/L	0.050	0.100	Apr.3,2023
THM	0.0720	mg/L	0.050	0.100	Apr.3,2023
THM	0.0550	mg/L	0.050	0.100	Apr.3,2023
THM	0.0780	mg/L	0.050	0.100	Apr.3,2023
THM	0.0590	mg/L	0.050	0.100	Apr.3,2023
THM	0.0570	mg/L	0.050	0.100	Apr.3,2023
THM	0.0500	mg/L	0.050	0.100	Apr.3,2023

Parameter	Result Value	Unit of Measure	½ MAC VALUE	MAC VALUE	Date of Sample
THM	0.0530	mg/L	0.050	0.100	Apr.3,2023
THM	0.0630	mg/L	0.050	0.100	Apr.3,2023
PFAS(Raw)	70.60	ng/L	35.00	70.00	Apr.12,2023
PFAS(Treated)	64.70	ng/L	35.00	70.00	Apr.12,2023
THM	0.0760	mg/L	0.050	0.100	May1,2023
THM	0.0620	mg/L	0.050	0.100	May2,2023
THM	0.0570	mg/L	0.050	0.100	May2,2023
THM	0.102	mg/L	0.050	0.100	May2,2023
THM	0.0860	mg/L	0.050	0.100	May2,2023
THM	0.0630	mg/L	0.050	0.100	May2,2023
THM	0.0570	mg/L	0.050	0.100	May2,2023
THM	0.0630	mg/L	0.050	0.100	May2,2023
THM	0.100	mg/L	0.050	0.100	May2,2023
THM	0.104	mg/L	0.050	0.100	May2,2023
HAA	0.0773	mg/L	0.040	0.080	June 5,2023
HAA	0.110	mg/L	0.040	0.080	June 5,2023
THM	0.0560	mg/L	0.050	0.100	June 5,2023
THM	0.0900	mg/L	0.050	0.100	June 5,2023
THM	0.0620	mg/L	0.050	0.100	June 5,2023
THM	0.0590	mg/L	0.050	0.100	June 5,2023
THM	0.0710	mg/L	0.050	0.100	June 5,2023
THM	0.0770	mg/L	0.050	0.100	June 5,2023
THM	0.0860	mg/L	0.050	0.100	July 4,2023
THM	0.0510	mg/L	0.050	0.100	July 4,2023
THM	0.1370	mg/L	0.050	0.100	July 4,2023
THM	0.0900	mg/L	0.050	0.100	July 4,2023
THM	0.0840	mg/L	0.050	0.100	July 4,2023
THM	0.0580	mg/L	0.050	0.100	July 4,2023
THM	0.0550	mg/L	0.050	0.100	July 4,2023
THM	0.0630	mg/L	0.050	0.100	July 4,2023
THM	0.1160	mg/L	0.050	0.100	July 4,2023
PFAS(Raw)	56.10	ng/L	35.00	70.00	July 11,2023
PFAS(Treated)	55.50	ng/L	35.00	70.00	July 11,2023
Sodium	11.30	mg/L	10.00	20.00	July 18,2023
THM	0.1160	mg/L	0.050	0.100	Aug.8,2023
THM	0.0850	mg/L	0.050	0.100	Aug.8,2023
THM	0.0620	mg/L	0.050	0.100	Aug.8,2023
THM	0.0820	mg/L	0.050	0.100	Aug.8,2023
THM	0.0500	mg/L	0.050	0.100	Aug.8,2023
THM	0.0550	mg/L	0.050	0.100	Aug.8,2023
THM	0.0570	mg/L	0.050	0.100	Aug.8,2023
THM	0.1000	mg/L	0.050	0.100	Aug.8,2023
THM	0.1180	mg/L	0.050	0.100	Aug.8,2023

Parameter	Result Value	Unit of Measure	½ MAC VALUE	MAC VALUE	Date of Sample
THM	0.0730	mg/L	0.050	0.100	Aug.16,2023
THM	0.0900	mg/L	0.050	0.100	Sep.5,2023
THM	0.0710	mg/L	0.050	0.100	Sep.5,2023
THM	0.0720	mg/L	0.050	0.100	Sep.5,2023
THM	0.0500	mg/L	0.050	0.100	Sep.5,2023
THM	0.0670	mg/L	0.050	0.100	Sep.5,2023
THM	0.0594	mg/L	0.050	0.100	Sep.5,2023
THM	0.1050	mg/L	0.050	0.100	Sep.5,2023
HAA	0.0469	mg/L	0.040	0.080	Sep.6,2023
HAA	0.0567	mg/L	0.040	0.080	Sep.6,2023
THM	0.0500	mg/L	0.050	0.100	Oct.2,2023
THM	0.0740	mg/L	0.050	0.100	Oct.3,2023
THM	0.0530	mg/L	0.050	0.100	Oct.3,2023
THM	0.0630	mg/L	0.050	0.100	Oct.3,2023
THM	0.0700	mg/L	0.050	0.100	Oct.3,2023
THM	0.0890	mg/L	0.050	0.100	Oct.3,2023
PFAS(Raw)	43.1	ng/L	35.00	70.00	Oct.11,2023
PFAS(Treated)	48.6	ng/L	35.00	70.00	Oct.11,2023
THM	0.0700	mg/L	0.050	0.100	Nov.13,2023
THM	0.1010	mg/L	0.050	0.100	Nov.13,2023
THM	0.0930	mg/L	0.050	0.100	Nov.13,2023
THM	0.0930	mg/L	0.050	0.100	Nov.13,2023
THM	0.0620	mg/L	0.050	0.100	Nov.13,2023
THM	0.0640	mg/L	0.050	0.100	Nov.13,2023
THM	0.0690	mg/L	0.050	0.100	Nov.13,2023
THM	0.0750	mg/L	0.050	0.100	Nov.13,2023
THM	0.0990	mg/L	0.050	0.100	Nov.13,2023
THM	0.1110	mg/L	0.050	0.100	Nov.13,2023
THM	0.0770	mg/L	0.050	0.100	Nov.14,2023
THM	0.0880	mg/L	0.050	0.100	Nov.14,2023
THM	0.0650	mg/L	0.050	0.100	Dec.4,2023
THM	0.0900	mg/L	0.050	0.100	Dec.4,2023
THM	0.0760	mg/L	0.050	0.100	Dec.4,2023
THM	0.0520	mg/L	0.050	0.100	Dec.4,2023
THM	0.0540	mg/L	0.050	0.100	Dec.4,2023
THM	0.0610	mg/L	0.050	0.100	Dec.4,2023
THM	0.0630	mg/L	0.050	0.100	Dec.4,2023
THM	0.0730	mg/L	0.050	0.100	Dec.4,2023
THM	0.0950	mg/L	0.050	0.100	Dec.4,2023
THM	0.1040	mg/L	0.050	0.100	Dec.4,2023
THM	0.0530	mg/L	0.050	0.100	Dec.5,2023
THM	0.0780	mg/L	0.050	0.100	Dec.5,2023
HAA	0.0532	mg/L	0.040	0.080	Dec.5,2023

Parameter	Result Value	Unit of Measure	½ MAC VALUE	MAC VALUE	Date of Sample
HAA	0.0816	mg/L	0.040	0.080	Dec.5,2023

PFAS limits are not regulated at this point, the 70ng/L is a recommended limit by MECP

***THM and HAA (MAC Limits) our calculated by Running Quarterly Averages ***

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de la Protection de
la nature et des Parcs

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February 22, 2024

by email: Karin.Pratte@northbay.ca

Ms. Karin Pratte
Senior Facilities and Environment Engineer
The Corporation of the City of North Bay
200 McIntyre Street East
North Bay, ON
P1B 8V6

**RE: 2023-2024 Inspection Report for the North Bay Drinking Water System
No. 1-189616384**

On December 4, 2023 I conducted the annual inspection of the North Bay Drinking Water System. The inspection included a physical inspection of the North Bay Water Treatment Plant, interview with Jonathan Dewey, Overall Responsible Operator and Operations Supervisor Water and Wastewater, City of North Bay and document review for the period from December 7, 2022 to December 3, 2023. The resulting inspection report is attached.

Please note that section "Non-compliance" contains "Compliance Response/Corrective Action(s)" that are linked to incidents of non-compliance with regulatory requirements contained within an Act, a Regulation or site-specific approvals, licenses, permits, orders, or instructions. Such violations could result in the issuance of mandatory abatement instruments including Orders, tickets, penalties, or referrals to the Ministry's Investigations and Enforcement Branch.

Section "Recommendations" suggests "Recommended Actions" the owner and the operating authority should consider implementing in order to advance efforts already in place to address issues of source protection and emergency preparedness. Items which appear as "recommended actions" do not, in themselves, constitute violations. Recommendations can also be found in the "Observation" fields of some of the questions of the inspection report with suggestions for better management practices.

Section 19 of the Safe Drinking Water Act (Standard of Care) creates a number of obligations for individuals who exercise decision-making authority over municipal drinking water systems. Please be aware that the Ministry has encouraged such individuals, particularly municipal councillors, to take steps to be better informed about the drinking water systems over which they have decision-making authority. These steps could include asking for a copy of this inspection report and a review of its findings. Further information about Section 19 can be found in "Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils" on the

Drinking Water Ontario website at <https://www.ontario.ca/environment-and-energy/taking-care-your-drinking-water-guide-members-municipal-councils>.

The Inspection Rating Report (IRR) is a summarized quantitative measure of the drinking water system's annual inspection and is published in the Ministry's Chief Drinking Water Inspector's Annual Report. The Risk Methodology document describes the risk rating methodology which has been applied to the findings of the Ministry's municipal residential drinking water system inspection results. Please find attached the corresponding IRR in Appendix A and Risk Methodology document.

Attached in Appendix B is a document entitled "DWS Components Information" and in Appendix C is a document titled "Key Reference and Guidance Material for Municipal Residential Drinking Water Systems".

Electronic copies of this inspection report have been sent to the North Bay Parry Sound District Health Unit and North Bay Mattawa Conservation Authority in accordance with the Ministry's Municipal Drinking Water Inspection Protocol.

Thank you for your co-operation. If you have any questions about this inspection report, please contact me at (705) 491-2781 or by email at vesna.alimpic@ontario.ca.

Sincerely,



Vesna Alimpic
Water Compliance Officer
Provincial Officer Badge No. 1882
Drinking Water and Environmental Compliance Division
Ministry of the Environment, Conservation and Parks
North Bay Office

c: Scott Taggart, Operations Manager, Public Works Water and Wastewater, City of North Bay
Jonathan Dewey, Operations Supervisor, Water and Wastewater Facilities, City of North Bay
Robert A - Muhong, Manager of Environmental Health, North Bay Parry Sound District Health Unit
David Ellingwood, Supervisor of Source Water Protection, North Bay Mattawa Conservation Authority
Sherry Ilersich, Water Compliance Supervisor, Timmins/North Bay, Northern Region, Drinking Water and Environmental Compliance Division, Ministry of the Environment, Conservation and Parks



NORTH BAY DRINKING WATER SYSTEM
248 LAKESIDE DR, NORTH BAY, ON, P1A 3E3
INSPECTION REPORT

System Number: 220000460
Entity: THE CORPORATION OF THE
CITY OF NORTH BAY
Inspection Start Date: December 04, 2023
Inspection End Date: February 21, 2024
Inspected By: Vesna Alimpic
Badge #: 1882

VAlimpic

(signature)

INTRODUCTION

Purpose

This announced focused inspection was conducted to confirm compliance with Ministry of the Environment, Conservation and Parks' (MECP) legislation and conformance with ministry drinking water policies and guidelines.

Scope

The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment, and distribution components as well as management and the operation of the system.

The inspection of the drinking water system included both the physical inspection of the component parts of the system listed in section 4 "Systems Components" of the report and the review of data and documents associated with the operation of the drinking water system during the review period.

This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O. Reg. 170/03). This inspection has been conducted pursuant to Section 81 of the SDWA.

This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

Facility Contacts and Dates

The drinking water system is owned and operated by The City of North Bay.

The system serves an estimated population of 52,000 and is categorized as a large municipal residential system. Information reviewed for this inspection covered the time period of December 7, 2022 to December 3, 2023.

As part of the inspection process, the water inspector met with Jonathan Dewey, City of North Bay, Operations Supervisor Water & Wastewater, who is also the overall responsible operator for the North Bay Water Treatment Plant.

Systems/Components

All locations associated with primary disinfection were visited as part of this inspection. The

following sites were visited as part of the inspection of the drinking water system: North Bay Water Treatment Plant.

Permissions/Approvals

This drinking water system was subject to specific conditions contained within the following permissions and/or approvals at the time of the inspection in addition to the requirements of the SDWA and its regulations: Municipal Drinking Water Licence (MDWL) No. 196-101, Issue No. 6 dated November 24 2021 and Drinking Water Works Permit (DWWP) No. 196-201, Issue No. 6 dated February 2, 2022.

NON-COMPLIANCE

The following item(s) have been identified as non-compliance, based on a "No" response captured for a legislative question(s). For additional information on each question see the Inspection Details section of the report.

Ministry Program: DRINKING WATER | **Regulated Activity:** DW Municipal Residential

Item	Question	Compliance Response/Corrective Action(s)
NC-1	<p>Question ID: DWMR1025000</p> <p>Were all parts of the drinking water system that came in contact with drinking water (added, modified, replaced or extended) disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?</p>	<p>All parts of the drinking water system were not disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit.</p> <p>Required action:</p> <p>By no later than March 22, 2024, the owner/operating authority shall provide written documentation to Vesna Alimpic, Provincial Officer/Water Compliance Officer of the North Bay office identifying the actions that will be taken to ensure that the record keeping requirements for the disinfection of new watermains as specified in Section 3.1 to Watermain Disinfection Procedure will be met.</p>
NC-2	<p>Question ID: DWMR1039000</p> <p>If primary disinfection equipment that does not use chlorination or chloramination is provided, has the owner and operating authority ensured that the equipment has a recording device that continuously records the performance of the disinfection equipment?</p>	<p>The owner and operating authority did not ensure that the primary disinfection equipment had a recording device that continuously recorded the performance of the disinfection equipment.</p> <p>Required action:</p> <p>The operating authority took adequate action to resolve this issue.</p> <p>No further action required.</p>

RECOMMENDATIONS

This should not be construed as a confirmation of full conformance with all potential applicable BMPs. These inspection findings are limited to the components and/or activities that were assessed, and the legislative framework(s) that were applied. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

If you have any questions related to this inspection, please contact the signed Provincial Officer.

INSPECTION DETAILS

This section includes all questions that were assessed during the inspection.

Ministry Program: DRINKING WATER | **Regulated Activity:** DW Municipal Residential

Question ID	DWMR1000000	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: Does this drinking water system provide primary disinfection?			
Compliance Response(s)/Corrective Action(s)/Observation(s): This drinking water system provides for both primary and secondary disinfection and distribution of water.			

Question ID	DWMR1012000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Does the owner have a harmful algal bloom monitoring plan in place that meets the requirements of the MDWL?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had a harmful algal bloom monitoring plan in place. Condition 6 to MDWL requires the owner to develop and keep up-to-date a Harmful Algal Bloom (HAB) monitoring, reporting and sampling plan, to be implemented when a potential harmful algal bloom is suspected or present. Conditions 6.1 to 6.4 specify the requirements for the content of the plan, implementation, training, definition of a HAB and sampling. Standard Operating Procedure (SOP) for Procedure for Algal Toxins (Revision Date: Aug 9, 2021) requires annual training in the SOP, daily visual monitoring of the water surface around the intake for presence of blue green algae and weekly collection and testing of raw water samples for presence of microcystin in period May 15 to October 31. A review of sampling records confirmed that weekly samples of raw and treated water were collected in the inspection period and that the operators were trained in the standard operating procedure on April 27, 2023.			

Question ID	DWMR1014000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question:			

Is there sufficient monitoring of flow as required by the MDWL or DWWP issued under Part V of the SDWA?

Compliance Response(s)/Corrective Action(s)/Observation(s):

There was sufficient monitoring of flow as required by the Municipal Drinking Water Licence or Drinking Water Works Permit issued under Part V of the SDWA.

Question ID	DWMR1016000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Is the owner in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the MDWL issued under Part V of the SDWA?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner was in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the Municipal Drinking Water Licence issued under Part V of the SDWA. Based on the review of the provided flow records of treated water, rated capacity of 79,500 m ³ /day set by the MDWL was not exceeded in the inspection period.			

Question ID	DWMR1018000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Has the owner ensured that all equipment is installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.			

Question ID	DWMR1020000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Is the owner/operating authority able to demonstrate that, when required during the inspection period, Form 1 documents were prepared in accordance with their Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner/operating authority was in compliance with the requirement to prepare Form 1			

documents as required by their Drinking Water Works Permit during the inspection period.

Note: Based on the information provided by the overall responsible operator, the alterations listed in Form 1 document titled 'PRV Gormanville' provided to the inspecting officer were completed within the old Canadore Booster Station (located at Gormanville Rd and McKeown Ave. The owner/operating authority completed a Form 2 for this alteration as required. However, the previously completed Form 1 with outdated information was kept on file and provided to the inspecting officer for review. The owner/operating authority are reminded to remove the inapplicable Form 1 from their records to avoid confusion.

Question ID	DWMR1021000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Is the owner/operating authority able to demonstrate that, when required during the inspection period, Form 2 documents were prepared in accordance with their Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner/operating authority was in compliance with the requirement to prepare Form 2 documents as required by their Drinking Water Works Permit during the inspection period. Note: Based on the review of provided Form 1 and current Form 2 documents, it appears that some documents do not contain the location of the minor modifications or replacements. The owner and the operating authority are reminded to include the location of the works being modified or replaced in the completed Form 2 documents.			

Question ID	DWMR1025000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Were all parts of the drinking water system that came in contact with drinking water (added, modified, replaced or extended) disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All parts of the drinking water system were not disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit. Required action: By no later than March 22, 2024, the owner/operating authority shall provide written documentation to Vesna Alimpic, Provincial Officer/Water Compliance Officer of the North Bay office identifying the actions that will be taken to ensure that the record keeping requirements for the disinfection of new watermains as specified in Section 3.1 to Watermain Disinfection			

Procedure will be met.

Condition 2.3 to Schedule B of North Bay DWS DWWP requires that all parts of the drinking water system in contact with drinking water that are added, modified, replaced, extended shall be disinfected in accordance with a procedure approved by the Director or in accordance with the applicable provisions of the following documents:

- a) The ministry's Watermain Disinfection Procedure, dated August 1, 2020;
- b) Subject to condition 2.3.2, any updated version of the ministry's Watermain Disinfection Procedure;
- c) AWWA C652 – Standard for Disinfection of Water-Storage Facilities;
- d) AWWA C653 – Standard for Disinfection of Water Treatment Plants; and
- e) AWWA C654 – Standard for Disinfection of Wells.

Section 3.1 to the ministry's Watermain Disinfection Procedure defines the requirements for documentation for new watermains related to backflow prevention, pre-disinfection swabbing, disinfection process, microbiological sampling and connecting new watermains to the existing system. During the review of new watermain disinfection records for Mary St, George St and Aviation Ln, the inspecting officer observed that the required records of the pre-disinfection swabbing and/or flushing and schematics or drawings showing approximate location where microbiological samples were incomplete or absent.

Question ID	DWMR1023000	Question Type	Legislative
<p>Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);</p>			
<p>Question: Do records indicate that the treatment equipment was operated in a manner that achieved the design capabilities required under Ontario Regulation 170/03 or a DWWP and/or MDWL issued under Part V of the SDWA at all times that water was being supplied to consumers?</p>			
<p>Compliance Response(s)/Corrective Action(s)/Observation(s): Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities required under O. Reg. 170/03 or a Drinking Water Works Permit and/or Municipal Drinking Water Licence issued under Part V of the SDWA at all times that water was being supplied to consumers.</p> <p>The North Bay WTP is designed to achieve the performance criteria using microfiltration (0.1 micron pore size), ultraviolet (UV) disinfection and chlorine disinfection as per Section 1-3 of Schedule 1 to O. Reg. 170/03. The MDWL identifies log removal/inactivation credits assigned to the three (3) processes as the following:</p> <ul style="list-style-type: none"> - Microfiltration receives 2-log for Cryptosporidium oocysts and 2.5-log for Giardia cysts; - UV disinfection receives 0.5 log Giardia cysts; - Chlorination receives 4 log viruses. <p>In order to receive full log credits the treatment process must be fully operational and meet the following credit assignment identified in Schedule E of the MDWL:</p>			

Microfiltration:

1. Maintain effective backwash procedures, including filter-to-waste or an equivalent procedure, to ensure that the effluent turbidity requirements are met at all times;
2. Monitor integrity of the membrane by continuous particle counting or by an equivalently effective means (e.g. intermittent pressure decay measurements) (NOTE: intermittent pressure decay monitored at the North Bay WTP);
3. Continuously monitor filtrate turbidity; and
4. Meet the performance criterion for filtered water turbidity of less than or equal to 0.1 NTU in 99% of the measurements each month for each filter train.

For the process of microfiltration, it appears that all four criteria were met during the inspection period.

UV Disinfection:

1. Duty UV sensor shall be checked at least monthly against a reference sensor; or at a frequency recommended by the UV manufacturer.
2. When comparing the duty UV sensor to the reference sensor, the calibration ration must be equal to or below 1.2.
3. If the calibration ration is greater than 1.2 the duty sensor shall be replaced with a calibrated unit or a UV sensor correction factor shall be applied until the problem has been resolved.
4. Reference sensor shall be checked against a Master Reference Assembly at a minimum frequency of once every three (3) years or on a more frequent basis depending on recommendation of the equipment manufacturer.

Chlorination

1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment.
2. At all times, CT provided shall be greater than or equal to the CT required to achieve.

Note: The two chlorine contact tanks can be operated separately or in sequence and still provide the required 4 log removal. This facility is equipped with online CT calculation. This program automatically takes data from several sources (flow, temperature, free chlorine residual, pH, water depth in contact tank and which contact tanks are in service) and then calculates the log removal credits achieved for Giardia & Viruses.

Based on the review of data provided during the inspection relating to UV calculated dosage, free chlorine residual level after the contact tank and the online CT calculation, performance criteria for UV disinfection and chlorination were satisfied at all times during the inspection period.

Note:

During the inspection, the overall responsible operator (ORO) informed the inspecting officer that, as a result of SCADA upgrades, monthly compliance reports containing calculations of percentages of turbidity measurements less than or equal to 0.1 NTU for each month and for each filter train had not been created for the months of September, October and November 2023. Monthly filter efficiency reports and their review are essential to determine if the log

removal credits have been met for the microfiltration process. The owner/operating authority are reminded that failure to meet the performance criterion for filtered water turbidity of less than or equal to 0.1 NTU in 99% of the measurements each month for each filter train is a reportable adverse condition per Subsection 16-4 to Schedule 16 of O. Reg. 170/03.

Question ID	DWMR1026000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-6 (1);			
Question: If primary disinfection equipment that does not use chlorination or chloramination is provided, is the equipment equipped with alarms or shut-off mechanisms that satisfy the standards described in Section 1-6 (1) of Schedule 1 of Ontario Regulation 170/03?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The primary disinfection equipment was equipped with alarms or shut-off mechanisms that satisfied the standards described in Section 1-6 (1) of Schedule 1 of O. Reg. 170/03. Section 1-6 of Schedule 1 to O. Reg. 170/03 requires that in the event the UV disinfection system loses power, malfunctions or ceases to provide the appropriate level of disinfection that the system either has a feature that ensures that no water is directed to users or immediately cause an alarm to sound at the following locations: 1. The building or structure where the disinfection equipment is installed. 2. A location where a person is present, if a person is not always present at the building or structure where the disinfection equipment is installed. At the time of the inspection, the ultraviolet (UV) reactors for the primary and secondary disinfection systems were equipped with a shut down mechanism in the event that the calculated dose dropped below the minimum required. The primary UV system is required to provide a minimum ultraviolet dosage of 10 mJ/cm ² , the shut down setpoint was set at 12 mJ/cm ² . The secondary UV system is required to provide a minimum ultraviolet dosage of 15 mJ/cm ² , the shut down setpoint was set at 15 mJ/cm ² . In addition, UV reactors are set to alarm to an on-call operator when the UV units reach the setpoint of 20 mJ/cm ² .			

Question ID	DWMR1024000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);			
Question: Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated as required?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records confirmed that the water treatment equipment which provides chlorination or			

chloramination for secondary disinfection purposes was operated so that at all times and all locations in the distribution system the chlorine residual was never less than 0.05 mg/l free or 0.25 mg/l combined.

Question ID	DWMMR1033000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-2 (3); SDWA O. Reg. 170/03 7-2 (4);			
Question: Is the secondary disinfectant residual measured as required for the large municipal residential distribution system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The secondary disinfectant residual was measured as required for the large municipal residential distribution system. As of December 14, 2021, the owner has designated the Judge Avenue Valve free chlorine analyzer as the regulatory analyzer used to monitor secondary disinfection in the distribution system. Based on the review of the trends of free chlorine residuals at Judge Avenue Valve for the inspection period, it appears that the continuous monitoring met the requirements in terms of the required minimum testing and recording frequency. Secondary disinfection residual was additionally monitored in at least 17 locations in the distribution system each week during collection of weekly bacteriological samples.			

Question ID	DWMMR1030000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-2 (1); SDWA O. Reg. 170/03 7-2 (2);			
Question: Is primary disinfection chlorine monitoring being conducted at a location approved by MDWL and/or DWWP issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Primary disinfection chlorine monitoring was conducted at a location approved by Municipal Drinking Water Licence and/or Drinking Water Works Permit issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved. Primary disinfection chlorine monitoring is conducted at the exit from chlorine contact tank no. 2, at the location where the intended CT has just been achieved.			

Question ID	DWMMR1032000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-3 (2);			

<p>Question: If the drinking water system obtains water from a surface water source and provides filtration, is continuous monitoring of each filter effluent line being performed for turbidity?</p>
<p>Compliance Response(s)/Corrective Action(s)/Observation(s): Continuous monitoring of each filter effluent line was being performed for turbidity.</p>

Question ID	DWMR1035000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10;			
Question: Are operators examining continuous monitoring test results and are they examining the results within 72 hours of the test?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.			
Note: Considering that the Judge Ave free chlorine analyzer is used for regulatory monitoring of free chlorine residual in the distribution system, it is recommended to specifically state that the results from this analyzer were reviewed in the facility's logbooks in addition to the round sheets.			

Question ID	DWMR1038000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4;			
Question: Is continuous monitoring equipment that is being utilized to fulfill O. Reg. 170/03 requirements performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements was performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format.			

Question ID	DWMR1037000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10; SDWA O. Reg. 170/03 6-5 (1.1);			
Question: Are all continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or MDWL or DWWP or order, equipped with alarms or shut-off mechanisms that satisfy			

the standards described in Schedule 6?

Compliance Response(s)/Corrective Action(s)/Observation(s):

All continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, were equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6.

Section 6-5 of Schedule 6 of O. Reg. 170/03 requires that the continuous monitoring equipment must have a feature that ensures that no water is directed to users or cause an alarm to signal at a location where the equipment conducts tests and where a person is always present in the event a test result for a parameter is above the maximum alarm standard or below the minimum alarm standard specified in the Table to this section for the parameter and in the event the equipment malfunctions or loses power or malfunctions.

The maximum alarm standard for turbidity is 1.0 Nephelometric Turbidity Units (NTU). The minimum alarm standard for free chlorine residual required to achieve primary disinfection is 0.1 mg/L less than the concentration of free chlorine residual that is required to achieve primary disinfection. The minimum alarm standard for continuous monitoring of free chlorine residual secondary disinfection is required to be set at 0.05 mg/L.

The regulatory free chlorine residual low level alarm after primary disinfection (i.e. analyzer after contact tank # 2) was set at 0.70 mg/L and would immediately trigger a plant shutdown. This facility also had a low low level alarm for virus log removal after primary disinfection set at 5.0 log removal and would immediately trigger a plant shutdown.

All thirteen turbidity analyzers on filter racks were set to alarm and shut down at high high turbidity at 0.10 NTU without delay.

The continuous free chlorine analyzer at Judge Ave Valve was set to alarm at 0.3 mg/L without delay.

Question ID	DWMR1040000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10;			
Question: Are all continuous analysers calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All continuous analysers were calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation. Continuous chlorine analyzers and turbidity analyzers are calibrated monthly.			

Question ID	DWMR1108000	Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 6-5 | (1)1-4; SDWA | O. Reg. 170/03 | 6-5 | (1)5-10; SDWA | O. Reg. 170/03 | 6-5 | (1.1);

Question:

Where continuous monitoring equipment used for the monitoring of free chlorine residual, total chlorine residual, combined chlorine residual or turbidity, required by O. Reg. 170/03, an Order, MDWL, or DWWP issued under Part V, SDWA, has triggered an alarm or an automatic shut-off, did a qualified person respond in a timely manner and take appropriate actions?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Where required continuous monitoring equipment used for the monitoring of chlorine residual and/or turbidity triggered an alarm or an automatic shut-off, a qualified person responded in a timely manner and took appropriate actions.

Question ID	DWMR1039000	Question Type	Legislative
<p>Legislative Requirement(s): SDWA O. Reg. 170/03 1-6 (3);</p>			
<p>Question: If primary disinfection equipment that does not use chlorination or chloramination is provided, has the owner and operating authority ensured that the equipment has a recording device that continuously records the performance of the disinfection equipment?</p>			
<p>Compliance Response(s)/Corrective Action(s)/Observation(s): The owner and operating authority did not ensure that the primary disinfection equipment had a recording device that continuously recorded the performance of the disinfection equipment.</p> <p>Required action:</p> <p>The operating authority took adequate action to resolve this issue.</p> <p>No further action required.</p> <p>Condition 1.6.2 of Schedule C to the MDWL specifies that for primary and secondary UV disinfection systems at North Bay Water Treatment Plant and while directing water to the distribution system, the ultraviolet light disinfection equipment must test for intensity, flow rate, UV transmittance (UVT), UV lamp status at a testing frequency of once every five (5) minutes or less and record the test data at a recording frequency of once every four (4) hours or less.</p> <p>There were three events during which the UV transmittance analyzer was not continuously measuring and recording the transmittance values due to operational issues with the sample pump for the UVT analyzer:</p> <ol style="list-style-type: none"> 1. From July 27, 2023 at 10:33 to August 2, 2023 at 12:08 (WTP was providing water to users with the UVT analyzer not reading and recording UVT values for total of 5 days and 17 hours). 2. From August 3, 2023 at 14:54 to August 4, 2023 at 13:54 (WTP was providing water to users 			

with the UVT analyzer not reading and recording UVT values for 23 hours) and 3. On August 8, 2023 from 09:28 to 12:32 (WTP was providing water to users with the UVT analyzer not reading and recording UVT values for 3 hours and 8 minutes)

In order to address the issue, the operating authority replaced a sample pump and identified and solved a problem with the wiper unit. As of August 4, 2023, the UVT analyzer has been operational.

The UVT transmittance value has manually been set at 79% for all five UV reactors at North Bay WTP since June 20, 2023. The operating authority indicated that this value was selected to be conservative as the UVT analyzer consistently reads greater than 80%.

Failure to ensure that the disinfection equipment has a recording device that continuously records the performance of the disinfection equipment, if primary disinfection equipment that does not use chlorination or chloramination is provided by a large municipal residential system, is a violation of Subsection 1-6(3) of Schedule 1 to O. Reg. 170/03.

Question ID	DWMR1109000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-6 (1);			
Question: If the system uses equipment for primary disinfection other than chlorination or chloramination and the equipment has malfunctioned, lost power or ceased to provide the appropriate level of disinfection, causing an alarm or an automatic shut-off, did a qualified person respond in a timely manner and take appropriate actions?			
Compliance Response(s)/Corrective Action(s)/Observation(s): When failure(s) of primary disinfection equipment, other than that used for chlorination or chloramination, caused an alarm to sound or an automatic shut-off to occur, a certified operator responded in a timely manner and took appropriate actions. Note: A review of the monthly summary reports of UV alarms revealed that there were UV alarm events on the reports that were not marked as on/off specifications (December 2022, January and February 2023,) and that there were two events missing other information (March 2023 – alarm duration, operator, action taken, July 2023 – alarm duration). The owner/operating authority is reminded that as per Condition 1.6.4 to Schedule C to North Bay DWS MDWL, the monthly summary report of UV alarms must contain the following information: time, date and duration of each UV equipment alarm (the disinfection equipment is malfunctioning, has lost power, or is not providing the appropriate level of disinfection), the volume of water treated during each alarm period and the actions taken by the operating authority to correct the alarm situation.			

Question ID	DWMR1042000	Question Type	Legislative
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Legislative Requirement(s): SDWA 31 (1);
Question: If UV disinfection is used were duty sensors and reference UV sensors checked and calibrated as per the requirements of Schedule E of the MDWL or at a frequency as otherwise recommended by the UV equipment manufacturer?
Compliance Response(s)/Corrective Action(s)/Observation(s): All UV sensors were checked and calibrated as required.

Question ID	DWMM1099000	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: Do records show that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03)?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records did not show that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03). There was one lead exceedance in the inspection period (AWQI no. 163836).			

Question ID	DWMM1081000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 10-2 (1); SDWA O. Reg. 170/03 10-2 (2); SDWA O. Reg. 170/03 10-2 (3);			
Question: For LMR systems, are all microbiological water quality monitoring requirements for distribution samples being met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a large municipal residential system were being met. Subsection 10-2(1)(a) to Schedule 10 of O. reg. 170/03 requires that if a system serves 100,000 people or less, at least 8 distribution samples, plus 1 additional distribution sample for every 1,000 people served by the system, are taken each month, with at least 1 of the samples being taken in each week. Based on the 2021 census population of North Bay (52,662), at least 61 samples are required to be taken each month. During the inspection period, at least 17 samples from distribution were			

collected weekly (16 in the week March 31 – April 6, 2023) and tested for E. coli and total coliforms, resulting in 68 to 85 monthly samples. Every week, five distribution samples were tested for HPC (four in the week March 31 – April 6, 2023), meeting the requirement to have at least 25 per cent of the samples tested for this parameter.

Question ID	DWMR1083000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 10-3;			
Question: For LMR systems, are all microbiological water quality monitoring requirements for treated samples being met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All microbiological water quality monitoring requirements prescribed by legislation for treated samples were being met. Section 10-3 of Schedule 10 of O. Reg. 170/03 requires the owner of a drinking-water system and the operating authority for the system must ensure that a treated water sample is taken at least once every week and tested for Escherichia coli, total coliforms and general bacteria population expressed as colony counts on a heterotrophic plate count (HPC). During the inspection period, samples of treated water were collected once every week and tested for Escherichia coli, total coliforms and HPC.			

Question ID	DWMR1096000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-3 (1);			
Question: Do records confirm that chlorine residual tests are being conducted at the same time and at the same location that microbiological samples are obtained?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained.			

Question ID	DWMR1084000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-2;			
Question: Are all inorganic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			

All inorganic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Subsection 13-2 of Schedule 13 of O. Reg. 170/03 requires that owner of a large municipal residential system and the operating authority for the system must ensure that at least one water sample is taken every 12 months, if the system obtains water from a raw water supply that is surface water and that each of the samples is tested for every parameter set out in Schedule 23.

A sample was collected and tested for every parameter set out in Schedule 23 on July 17, 2023.

Question ID	DWMR1085000	Question Type	Legislative
Legislative Requirement(s):			
SDWA O. Reg. 170/03 13-4 (1); SDWA O. Reg. 170/03 13-4 (2); SDWA O. Reg. 170/03 13-4 (3);			
Question:			
Are all organic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
All organic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.			
Subsection 13-4 of Schedule 13 of O. Reg. 170/03 requires the owner of a large municipal residential system and the operating authority for the system shall ensure that at least one water sample is taken every 12 months, if the system obtains water from a raw water supply that is surface water and tested for every parameter set out in Schedule 24.			
A sample was collected and tested for every parameter set out in Schedule 24 on July 17, 2023.			

Question ID	DWMR1086000	Question Type	Legislative
Legislative Requirement(s):			
SDWA O. Reg. 170/03 13-6.1 (1); SDWA O. Reg. 170/03 13-6.1 (2); SDWA O. Reg. 170/03 13-6.1 (3); SDWA O. Reg. 170/03 13-6.1 (4); SDWA O. Reg. 170/03 13-6.1 (5); SDWA O. Reg. 170/03 13-6.1 (6);			
Question:			
Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
All haloacetic acid water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.			
Section 13-6.1 of Schedule 13 of O. Reg. 170/03 requires that the owner of a drinking water system that provides chlorination and the operating authority for the system must ensure that at least one distribution sample is taken in each calendar quarter, from a point in the drinking water			

systems distribution system, or plumbing that is connected to the drinking water system, that is likely to have an elevated potential for the formation of haloacetic acids and tested for haloacetic acids (HAAs). O. Reg. 170/03 defines the "calendar quarter" as the three-month period that begins on January 1, April 1, July 1 or October 1. Effective January 1, 2020, a standard for HAAs was introduced. The standard is 0.08 mg/L (80 µg/L) and is expressed as a running annual average (RAA) of quarterly results.

Samples were collected and tested for HAAs from the distribution system in the three month periods meeting requirements of O. Reg. 170/03. The RAA for the period March 6, 2023 to December 5, 2023 was 0.067 mg/L (67 µg/L).

Question ID	DWMR1087000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-6 (1); SDWA O. Reg. 170/03 13-6 (2); SDWA O. Reg. 170/03 13-6 (3); SDWA O. Reg. 170/03 13-6 (4); SDWA O. Reg. 170/03 13-6 (5); SDWA O. Reg. 170/03 13-6 (6);			
Question: Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location. Subsection 13-6 of Schedule 13 of O. Reg. 170/03 requires the owner of a drinking water system that provides chlorination and the operating authority for the system must ensure that at least one distribution sample is taken in each calendar quarter, from a point in the drinking water system's distribution system that is likely to have an elevated potential for the formation of trihalomethanes and tested for trihalomethanes (THMs). O. Reg.169/03 sets the standard for THMs at 0.100 mg/L (100 µg/L) expressed as a RAA for THMs for a drinking water system. The municipality has conducted extensive THM sampling program to assess where they are being formed and what the THM values are throughout the distribution system. Samples are collected and tested for THM monthly at the WTP at the point of entry and at 12 locations in the distribution system: at the entry and exit of water into the Ellendale High Lift Pump Station and 10 locations throughout the distribution system. In 2023, THM concentrations ranged from 32 to 137 µg/L in the distribution system. As of December 5, 2023, the running annual average (RAA) for THM of all samples collected in the distribution system was 64 µg/L.			

Question ID	DWMR1088000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-7;			
Question:			

Are all nitrate/nitrite water quality monitoring requirements prescribed by legislation conducted within the required frequency for the DWS?

Compliance Response(s)/Corrective Action(s)/Observation(s):

All nitrate/nitrite water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Section 13-7 of Schedule 13 of O. Reg. 170/03 requires that the owner of a drinking water system and the operating authority for the system must ensure that at least one water sample is taken every three months and tested for nitrate and nitrite.

Data review confirmed that samples of treated water were collected and tested for nitrate/nitrite with the required frequency.

Question ID	DWMR1089000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-8;			
Question: Are all sodium water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All sodium water quality monitoring requirements prescribed by legislation were conducted within the required frequency. Section 13-8 of Schedule 13 requires that the owner of a drinking water system and the operating authority for the system must ensure that at least one treated water sample is taken every 60 months and tested for sodium. The most recent sodium sample was collected on July 18, 2022.			

Question ID	DWMR1091000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-4;			
Question: Where fluoridation is practiced, are the required daily samples being taken at the end of the fluoridation process?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The required daily samples were being taken at the end of the fluoridation process.			

Question ID	DWMR1094000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			

Question:

Are all water quality monitoring requirements imposed by the MDWL and DWWP being met?

Compliance Response(s)/Corrective Action(s)/Observation(s):

All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were being met.

Section 5 to Schedule C of the North Bay DWS MDWL requires that quarterly samples are taken of at a minimum 11 perfluorinated alkyl substances (PFAS) parameters in raw and treated water. Samples are to be collected in accordance with subsection 6-1.1(4) of Schedule 6 to O. Reg. 170/03, i.e. the owner must ensure that a sample is taken at least 60 days and not more than 120 days after a sample was taken for the previous three month period.

A review of the sampling records confirmed that sampling for the required parameters was done with the required frequency for both raw and treated water.

Question ID	DWMR1103000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 15.1-10;			
Question: Have corrective actions as directed by the Medical Officer of Health been taken by the owner and operating authority to address exceedances of the lead standard in plumbing?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Corrective actions as directed by the Medical Officer of Health had been taken by the owner and operating authority to address exceedances of the lead standard.			

Question ID	DWMR1113000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 10.1 (3);			
Question: Have all changes to the system registration information been provided to the Ministry within ten (10) days of the change?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All changes to the system registration information were provided within ten (10) days of the change.			

Question ID	DWMR1060000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question:			

Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?

Compliance Response(s)/Corrective Action(s)/Observation(s):

The operations and maintenance manuals met the requirements of the Drinking Water Works Permit and Municipal Drinking Water Licence issued under Part V of the SDWA.

Question ID	DWMMR1062000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-5;			
Question: Do records or other record keeping mechanisms confirm that operational testing not performed by continuous monitoring equipment is being done by a certified operator, water quality analyst, or person who meets the requirements of O. Reg. 170/03 7-5?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records or other record keeping mechanisms confirmed that operational testing not performed by continuous monitoring equipment was being done by a certified operator, water quality analyst, or person who suffices the requirements of O. Reg. 170/03 7-5.			

Question ID	DWMMR1071000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Has the owner provided security measures to protect components of the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had provided security measures to protect components of the drinking water system. The WTP and all of the DS components were equipped with locked doors and intruder alarms. The following locations include additional measures: <ul style="list-style-type: none"> - North Bay WTP – key-card swipe sensors to enter building and to enter the treatment area, video surveillance of the property, exterior lighting and fenced in area; - Airport Road Standpipe – located in a fenced in area; - Larocque Standpipe - located in fenced in area; - Birchs Road Standpipe – located in a fenced in area and gated entry to roadway; - Cedar Heights Pump Station - located in fenced in area; - Ellendale Reservoir – video surveillance, double steel door for main entrance and single door security gate on access door to the reservoir, both equipped with locks and fencing around the reservoir access to prevent unauthorized entry into the reservoir. - Judge Ave Valve – located in a locked building equipped with intrusion alarm. 			

Question ID	DWMMR1073000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 23 (1);			
Question: Has the overall responsible operator been designated for all subsystems which comprise the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The overall responsible operator had been designated for each subsystem. During the inspection period, Jonathan Dewey was designated as the overall responsible operator for the North Bay Water Treatment Plant subsystem and Scott Taggart as the overall responsible operator for the North Bay Water Distribution subsystem.			

Question ID	DWMMR1074000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 25 (1);			
Question: Have operators-in-charge been designated for all subsystems which comprise the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Operators-in-charge had been designated for all subsystems which comprise the drinking water system.			

Question ID	DWMMR1075000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 22;			
Question: Do all operators possess the required certification?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All operators possessed the required certification.			

Question ID	DWMMR1076000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);			
Question: Do only certified operators make adjustments to the treatment equipment?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Only certified operators made adjustments to the treatment equipment.			

Question ID	DWMR1117000	Question Type	Information
<p>Legislative Requirement(s): Not Applicable</p>			
<p>Question: Are there any other DWS related items that should be recognized in this report?</p>			
<p>Compliance Response(s)/Corrective Action(s)/Observation(s): The following items are noted as being relevant to the Drinking Water System:</p> <p>Until the 1990s, Canadian Forces Base in North Bay had fire training facilities where foams containing per- and polyfluoroalkyl substances (PFAS) were used for practice drills. This resulted in contamination of Trout Lake, City of North Bay's drinking water source with PFAS. The existing drinking water treatment at North Bay is not capable of removing PFAS from the drinking water. The City of North Bay is mandated by its DWWP to take quarterly samples of 11 PFAS parameters in raw and treated water. Total PFAS levels in raw and treated water are consistently about 60 ng/L.</p> <p>There are no Ontario drinking water standards for PFAS. The ministry has developed an interim advice value (IAV) of 70 ng/L for the sum of 11 toxicologically relevant PFAS. In February 2023, Health Canada posted a consultation document to the public that recommends treatment if more than a total of 30 ng/L of per- and polyfluoroalkyl substances (PFAS) are present.</p> <p>The city has undertaken a treatability study to provide options for treatment of PFAS to respond to potential future regulatory changes related to PFAS.</p>			

APPENDIX A
INSPECTION RATING REPORT

Ministry of the Environment, Conservation and Parks - Inspection Summary Rating Record (Reporting Year - 2023-24)

DWS Name: NORTH BAY DRINKING WATER SYSTEM
DWS Number: 220000460
DWS Owner: THE CORPORATION OF THE CITY OF NORTH BAY
Municipal Location: NORTH BAY

Regulation: O.REG. 170/03
DWS Category: DW Municipal Residential
Type of Inspection: Focused
Inspection Date: Dec-4-23
Ministry Office: North Bay Area Office

Maximum Risk Rating: 529

Inspection Module	Non Compliance Risk (X out of Y)
Capacity Assessment	0/30
Certification and Training	0/42
Logbooks	0/14
Operations Manuals	0/14
Reporting & Corrective Actions	0/60
Source	0/0
Treatment Processes	25/257
Water Quality Monitoring	0/112
Overall - Calculated	25/529

Inspection Risk Rating: 4.73%

Final Inspection Rating: 95.27%

DWS Name: NORTH BAY DRINKING WATER SYSTEM
DWS Number: 220000460
DWS Owner Name: THE CORPORATION OF THE CITY OF NORTH BAY
Municipal Location: NORTH BAY

Regulation: O.REG. 170/03
DWS Category: DW Municipal Residential
Type of Inspection: Focused
Inspection Date: Dec-4-23
Ministry Office: North Bay Area Office

Non-Compliance Question(s)	Non Compliance Risk
Treatment Processes	
Were all parts of the drinking water system that came in contact with drinking water (added, modified, replaced or extended) disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?	21
If primary disinfection equipment that does not use chlorination or chloramination is provided, has the owner and operating authority ensured that the equipment has a recording device that continuously records the performance of the disinfection equipment?	4
Overall - Total	25

Maximum Question Rating: 529

Inspection Risk Rating: 4.73%

FINAL INSPECTION RATING: 95.27%

APPENDIX B
DRINKING WATER SYSTEM COMPONENTS

DWS Component Information Report for 220000460

as of 20-FEB-2024

Drinking Water System Profile Information

DWS #	220000460
MOE Assigned Name	North Bay Drinking Water System
Category	LMRS
Regulation	O.REG 170/03
DWS Type	Water Treatment Plant
Source Type	Surface Water
Address	248 Lakeside Drive, North Bay, Ontario, P1A 3E3, Canada
Region	Northern Region
District	North Bay Area Office
Municipality	North Bay
Public Health Unit	North Bay Parry Sound District Health Unit

LWIS Component Name	LWIS Component Type	LWIS Component Sub-Type	Component Address	Comments
Ellendale Reservoir	Other	Reservoir	East End Ellendale Drive,	The Ellendale Reservoir is a double cell, 18,200 m ³ capacity reservoir equipped with two sodium hypochlorite re-chlorination systems and four (4) high lift pumps to maintain pressure in the system. The facility is also comprised of on-line, continuous water quality analyzers for free chlorine and turbidity and a stand-by power system to operate the entire facility during power outages.
Cedar Heights Booster Pumping Station (Bps)	Other	Other		The Cedar Height BPS is a facility located on College Drive. The facility is equipped with two (2) centrifugal pumps for the purpose of maintaining pressure in the distribution system. The building also has an on-line continuous water quality analyzer for free chlorine, pressure tanks and a standby diesel generator. The booster station was commissioned 2019.
Raw Water Intake	Source	Surface	248 Lakeside Drive,	<p>The North Bay Water Treatment Plant (WTP) draws its raw water from Trout Lake which is part of the Mattawa River watershed. The intake structure is located in Delaney Bay, approximately 300 m from shore, at a depth of 21.5 meters.</p> <p>The plant's intake facilities consist of a 1,200 mm diameter polyethylene pipe extending 300 m into Trout Lake to an intake structure located approximately 3.6 meters off the lake bottom with a capacity of 80,000m³/day. The North Bay Water Treatment Plant is also equipped with another intake pipe and structure described as follows: a 900 mm iron intake (not in service) extending 122 m into Trout Lake at a depth of 7.6 meters, 1.5 meters off the lake bottom, with a capacity of 50,000m³/day.</p>
North Bay Water Treatment Plant	Treated Water Poe	Treatment Facility		The North Bay WTP went into service on February 17, 2010. This facility operates on a multi-barrier approach which consists of microfiltration membrane filtration followed by ultraviolet (UV) radiation, chlorination, a high lift pumping station, and a fluoridation system. This facility has two treatment systems (i.e. primary and

DWS Component Information Report for 220000460

as of 20-FEB-2024

LWIS Component Name	LWIS Component Type	LWIS Component Sub-Type	Component Address	Comments
				<p>secondary) both with separate microfiltration racks and separate UV disinfection systems with different dosages.</p> <p>Raw water enters the water plant through an intake/junction chamber and passes through five 300 micron automatic feed strainers before being directed to the primary membrane filtration system. The primary treatment system has 11 filter racks (with 64 modules each) and three UV reactors dosing at 10 millijoules/cm² (mJ/cm²). Treated water is then directed to the contact chamber for chlorination.</p> <p>The secondary treatment system is fed from the non-chemical backwash water of the primary microfiltration system and has two filter racks (with 40 modules each) and two UV reactors dosing at 15 mJ/cm². Treated water from the secondary UV system is then directed to the primary UV system for additional treatment prior to entering the contact chamber for chlorination.</p> <p>The chlorine contact chamber consists of two tanks which can be operated in series or separately. Tank # 1 has a storage volume of 688 m³ and Tank # 2 a storage volume of 502 m³. Once water has passed through the contact chamber it is directed to the high lift pump wet wells. Wet well # 1 has the capacity of 240 m³ and is equipped with one variable speed pump and two constant speed vertical turbine pumps. Wet well # 2 has a capacity of 240 m³ and is equipped with one variable speed pump and one constant speed turbine pump.</p> <p>This facility is also equipped with a dual fuel (natural gas/diesel) generator for backup power with a rating of 2050 kW to supply power during emergencies and high demand periods.</p> <p>Chemical wastewater generated on-site is directed to the neutralization tank where the pH and chlorine concentration are adjusted.</p> <p>Note: On March 28, 2011 a Schedule C amendment to Drinking Water Works Permit (DWWP) No. 196-201 was approved which permitted the installation of piping and valving for bypassing the membrane filtration system in the event of a catastrophic membrane-SCADA failure.</p>
	Victor Fedeli			
Canadore Pumping Station	Other	Other		<p>The Canadore Pumping Station is a facility located at the corner of Gormanville Road and McKeown Avenue. The facility is equipped with three (3) high lift pumps and a fire pump all for the purpose of maintaining pressure in the distribution system. The building also has an on-line continuous water quality analyzer for free chlorine, pressure tanks and a standby diesel generator.</p> <p>Note: The pump station has been offline since the date the Cedar Height Booster Pumping Station was brought online.</p>

DWS Component Information Report for 220000460

as of 20-FEB-2024

LWIS Component Name	LWIS Component Type	LWIS Component Sub-Type	Component Address	Comments
Birchs Road Standpipe And Rechlorination Station	Other	Reservoir	Southwest Corner Birchs & Booth Roads,	<p>The Birchs Road Standpipe and Rechlorination Station is an 11,775 m³ capacity, steel unbaffled treated water standpipe equipped with a sodium hypochlorite rechlorination system. The facility is also comprised of on-line, continuous water quality analyzers for free chlorine residual and turbidity and standby power to run the entire facility during a power outage.</p> <p>Note: On December 19, 2014 a Schedule C amendment to the DWWP was approved which permitted the installation of a submersible mixer at the Birchs Road standpipe.</p>
Larocque Water Storage Standpipe	Other	Reservoir		The Larocque Water Storage Standpipe is located on Larocque Road and has a capacity of 4,100 m ³ . The standpipe was commissioned in December 2019.
Judge Avenue Valve Chamber And Rechlorination Station	Other	Other	Northeast Corner Judge Avenue & Lakeshore Drive,	The Judge Avenue Valve Chamber and Rechlorination Station is equipped with a sodium hypochlorite rechlorination system. The facility has continuous water quality analyzers for free chlorine and turbidity, standby power to run the entire facility during power outages and a UPS battery with three hours of standby power to maintain the SCADA system. Note: The rechlorination equipment is kept off site as it is not presently in-use.
Airport Road Standpipe	Other	Reservoir		<p>The Airport Road Standpipe and Booster Pumping Station are located at the intersection of Airport Road and Airport Way in North Bay. Based on information contained in the DWWP, the standpipe is 26.2m high by 13.7m in diameter. Its capacity is 3,862m³ intended to provide storage for fire, equalization and emergency purposes for pressure Zones 4 and 5. The pumping station is supplied water from Zone 3 to pressure Zone 4 via a new 500 mm water main. The pump house is equipped with three (3) pumps for this Pressure Zone 4 and four (4) pumps for Pressure Zone 5. The pump house is also equipped with two (2) high capacity pumps, a sodium hypochlorite rechlorination system and a 350 kW diesel generator set for emergency power. The standpipe and pumping station was commissioned in the fall of 2009.</p> <p>Note: Under normal operation, Zone 4 is fed via gravity from the standpipe via the new 500 mm water main.</p>
Cfb Standpipe (New 2021)	Other	Reservoir		The CFB Standpipe is a glass fused to steel un-baffled tank with an electric mixer inside, it is located on the Airport Standpipe property and shares all the buildings resources such as the PLC and standby generator. This Standpipe has a volume of 2,280m ³ and supplies water to zone 3 and to the Airport Standpipe. The piping at this facility allows this standpipe to also supply water for zone 5 during emergencies and maintenance activities.

DWS Component Information Report for 220000460

as of 20-FEB-2024

LWIS Component Name	LWIS Component Type	LWIS Component Sub-Type	Component Address	Comments
Cfb Reservoir	Other	Reservoir	North End Manston Crescent,	The Canadian Forces Base (CFB) Reservoir comprised of 1820m ³ reservoir and pumping facilities. The building also has an on-line continuous water quality analyzer for free chlorine and a standby diesel generator. However, since the addition of the Airport Standpipe this facility is only used for water storage. Note: In October 2021, this reservoir was decommissioned and replaced by the CFB Standpipe.

APPENDIX C
REFERENCE MATERIALS

Key Reference and Guidance Material for Municipal Residential Drinking Water Systems

Many useful materials are available to help you operate your drinking water system. Below is a list of key materials owners and operators of municipal residential drinking water systems frequently use.

To access these materials online click on their titles in the table below or use your web browser to search for their titles. Contact the Ministry if you need assistance or have questions at 1-866-793-2588 or waterforms@ontario.ca.

For more information on Ontario's drinking water visit www.ontario.ca/drinkingwater



PUBLICATION TITLE	PUBLICATION NUMBER
FORMS: Drinking Water System Profile Information Laboratory Services Notification Adverse Test Result Notification	012-2149E 012-2148E 012-4444E
Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils	Website
Procedure for Disinfection of Drinking Water in Ontario	Website
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids	Website
Filtration Processes Technical Bulletin	Website
Ultraviolet Disinfection Technical Bulletin	Website
Guide for Applying for Drinking Water Works Permit Amendments, & License Amendments	Website
Certification Guide for Operators and Water Quality Analysts	Website
Guide to Drinking Water Operator Training Requirements	9802E
Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption	Website
Drinking Water System Contact List	7128E01
Ontario's Drinking Water Quality Management Standard - Pocket Guide	Website
Watermain Disinfection Procedure	Website
List of Licensed Laboratories	Website

Principaux guides et documents de référence sur les réseaux résidentiels municipaux d'eau potable

De nombreux documents utiles peuvent vous aider à exploiter votre réseau d'eau potable. Vous trouverez ci-après une liste de documents que les propriétaires et exploitants de réseaux résidentiels municipaux d'eau potable utilisent fréquemment. Pour accéder à ces documents en ligne, cliquez sur leur titre dans le tableau ci-dessous ou faites une recherche à l'aide de votre navigateur Web. Communiquez avec le ministère au 1-866-793-2588, ou encore à waterforms@ontario.ca si vous avez des questions ou besoin d'aide.



Pour plus de renseignements sur l'eau potable en Ontario, consultez le site www.ontario.ca/eaupotable

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Renseignements sur le profil du réseau d'eau potable	012-2149F
Avis de demande de services de laboratoire	012-2148F
Avis de résultats d'analyse insatisfaisants et de règlement des problèmes	012-4444F
Prendre soin de votre eau potable - Un guide destiné aux membres des conseils municipaux	Site Web
Marche à suivre pour désinfecter l'eau potable en Ontario	Site Web
Stratégies pour minimiser les trihalométhanes et les acides haloacétiques de sous-produits de désinfection	Site Web
Filtration Processes Technical Bulletin (en anglais seulement)	Site Web
Ultraviolet Disinfection Technical Bulletin (en anglais seulement)	Site Web
Guide de présentation d'une demande de modification du permis d'aménagement de station de production d'eau potable	Site Web
Guide sur l'accréditation des exploitants de réseaux d'eau potable et des analystes de la qualité de l'eau de réseaux d'eau potable	Site Web
Guide sur les exigences relatives à la formation des exploitants de réseaux d'eau potable	9802F
Échantillonnage et analyse du plomb dans les collectivités : échantillonnage normalisé ou réduit et admissibilité à l'exemption	Site Web
Liste des personnes-ressources du réseau d'eau potable	Site Web
L'eau potable en Ontario - Norme de gestion de la qualité - Guide de poche	Site Web
Procédure de désinfection des conduites principales	Site Web
Laboratoires autorisés	Site Web

	Management Review Meeting	Proc.: QMS-11 Pages: 1 of 3
Reviewed by: QMS Representative	Date: July 6, 2023	

North Bay Water System

Attendees:

Domenic Schiavone (DS)/Dir. of Public Works
(Top Management)

Ken Frederick (KF)/Maintenance
Manager W&WWF (Absent)

Karin Pratte (KP)/ QMS Representative
Scott Taggart (ST)/ QMS Representative

Jonathan Dewey(JD)/Supervisor
W&WWF
Michelle DeLoyde (MD)/Summer Student

Item	Description	Date Required	Action
1.	<p>Follow up to action items from previous meeting & action items identified between reviews were reviewed. The outstanding issues are:</p> <ul style="list-style-type: none"> • WTP generator switchgear- Procedure to run in manual mode is done. • Rusting UVs - new parts purchased last year - upgrade to UV systems in 10-year capital budget are included. • WTP By-Pass Procedure - Incorporate connection of header pipes into the design for PFAS removal. • KF working with IS on telemetry system and fiber connections at water facilities. • Bell connection at WTP for internet is installed • THM sampling frequency - discussions occurred July 13th, 2022 - continued with monthly sampling at sites. 		For Record
2.	<p>Incidents of regulatory non-compliance & incidents of adverse drinking water tests since last management review:</p> <ul style="list-style-type: none"> - 2020: <ul style="list-style-type: none"> o July 28 - AWQI - Lead adverse from hydrant on Copeland - flushed and 		For Record

	<p>resampled with results of resample meeting ODWQS.</p> <ul style="list-style-type: none"> o Lead exceedances in plumbing – Southview and Little Down Lane. Reporting completed and letters mailed to residents. <p>- 2023 YTD:</p> <ul style="list-style-type: none"> o No AWQI so far in 2023 		
3.	No deviations from CCL.		For Record
4.	<p>The efficiency of the risk assessment process</p> <ul style="list-style-type: none"> - Risk assessment for the water distribution system was completed in 2021 and for the water treatment system in 2023. - The next risk assessment is scheduled for next summer (2024) - Both treatment and distribution will be completed at the same time to have them on the same schedule. - Water treatment system risk assessment was updated with cyber security. - There are no outstanding actions items from risk assessment. - KP and ST as QMS representatives both must review the risk assessments annually and sign off. 		ST & KP
5.	<p>Internal and external audit results</p> <ul style="list-style-type: none"> - Internal Audit: Completed in August 22-26, 2022 – 7 non conformances were found – all are resolved. - External Audit: Completed November 2023 – 6 OFIs – There was a meeting to review OFIs December 14th 2022 with top management. Created CAR plan that day and all OFIs are resolved and checked off by July 5, 2023. - Schedule C needs to be incorporated as part of the description of the drinking water system. KP sent it email to QMS admin assistants to ensure the Schedule C is incorporated. - Reviewed internal audit and external audit CAR plan. 		For Record
6.	<p>The following emergency responses were tested:</p> <ul style="list-style-type: none"> - Watermain break 		For Record

	- AWQI		
7.	Operational performance, raw water supply and drinking water quality trends were reviewed including the annual report, summary report, MECP Inspection Report (IRR rating 93.8%), and THM trends.		For Record
8.	Changes that could affect the QMS: <ul style="list-style-type: none"> • New Council – they have been trained on their standard of care and have endorsed the operation plan. Resolution 2023.19. • Corporate organizational review occurring this year and could lead to staffing shortages. 		KP
9.	Consumer feedback <ul style="list-style-type: none"> • There are 41 complaints from July 2022 to July 2023 • Many were Ivanhoe and most of the others were about taste/smell. No concerns. 		For Record
10.	The resources needed the maintain the QMS <ul style="list-style-type: none"> - W&WWF Clerks brought into QMS to help with documents and record management and preventative actions 		For Record
11.	The results of the infrastructure review and asset management plan <ul style="list-style-type: none"> - The 10-year capital water budget was completed and approved by the new council and will ensure sustainability. - Asset Management data for water and wastewater system input into the new software system. New asset management plan was developed by the City of North Bay and has been approved by Council 		For Record
12.	Operational plan currency, content, and updates <ul style="list-style-type: none"> - Operational plan was last updated July 5, 2023 – Version 16 – new Council Resolution 		For Record
13.	Staff Suggestions There were no staff suggestions		For Record

The Corporation of the City of North Bay

By-Law No. 2024-16

A By-Law To Amend Zoning By-Law No. 2015-30 To Rezone Certain lands on Premier Road from a “Residential First Density (R1)” Zone to a “Residential Sixth Density (R6)” Zone

2412594 Ontario Limited – Premier Road (Unaddressed)

Whereas the owner of the subject property has initiated an amendment to the Zoning By-law;

And Whereas the Council of The Corporation of the City of North Bay has ensured that adequate information has been made available to the public, and held at least one public meeting after due notice for the purpose of informing the public of this By-law;

And Whereas it is deemed desirable to amend the zone designation shown on Schedule “B-90” of Zoning By-law 2015-30 pursuant to Section 34 of the *Planning Act*, R.S.O. 1990, c. P.13, as amended;

And Whereas Council passed Community Services Committee Report No. 2024-_____ adopted by Council on Tuesday, April 23, 2024 by Resolution No. 2024-_____ to approve this rezoning;

Now therefore the Council of The Corporation of the City of North Bay hereby enacts as follows:

- 1) Schedule “B-90” of By-law No. 2015-30 is amended by changing the zoning designation of the property shown on Schedule “A” attached hereto (which property is more particularly described as PIN 49178-0408 (LT) PT LT 39 CON 13 Widdifield PTS 3, 4, 6 & 7 36R13170; S/T Over PTS 3, 6 & 7 36R13170 as in BS101870; North Bay; District of Nipissing), shown as hatched on Schedule A attached hereto from a “Residential First Density (R1)” zone to “Residential Sixth Density (R6)” zone.
- 2) All buildings or structures erected or altered and the use of land in such “Residential Sixth Density (R6)” zone shall conform to all applicable provisions of By-law No. 2015-30 of The Corporation of the City of North Bay.
- 3) Notice of the passing of this By-law shall be given by the Clerk of The Corporation of the City of North Bay in the manner and form and to the persons prescribed by Section 6 of O. Reg. 545/06 as amended.
- 4) Any notice of appeal of this By-law shall be filed in accordance with the

provisions of Section 34(19) of the *Planning Act*, not later than 20 days after the day that the giving of the notice by the Clerk is completed, setting out how the by-law is inconsistent with the policy statement issued under subsection 3(1), fails to conform with or conflicts with a provincial plan or fails to conform with an applicable official plan and shall be accompanied by the fee prescribed under the *Ontario Land Tribunal Act, 2021*, S.O. 2021, c. 4, Sched. 6

- 5) Where no notice of appeal is filed with the Clerk within twenty (20) days as required by Section 4 of this By-law, then this By-law shall be deemed to have come into force on the day it was passed.
- 6) Where one or more notices of appeal are filed with the Clerk within twenty (20) days in compliance with Section 4 of this By-law, then this By-law shall not come into force until all appeals have been finally disposed of in accordance with Section 34 of the *Planning Act*, whereupon the By-law shall be deemed to have come into force on the day it was passed.

Read a First Time in Open Council the 23rd day of April, 2024.

Read a Second Time in Open Council the 23rd day of April, 2024.

Read a Third Time in Open Council and Passed this 23rd day of April, 2024.

Mayor Peter Chirico

City Clerk Karen McIsaac

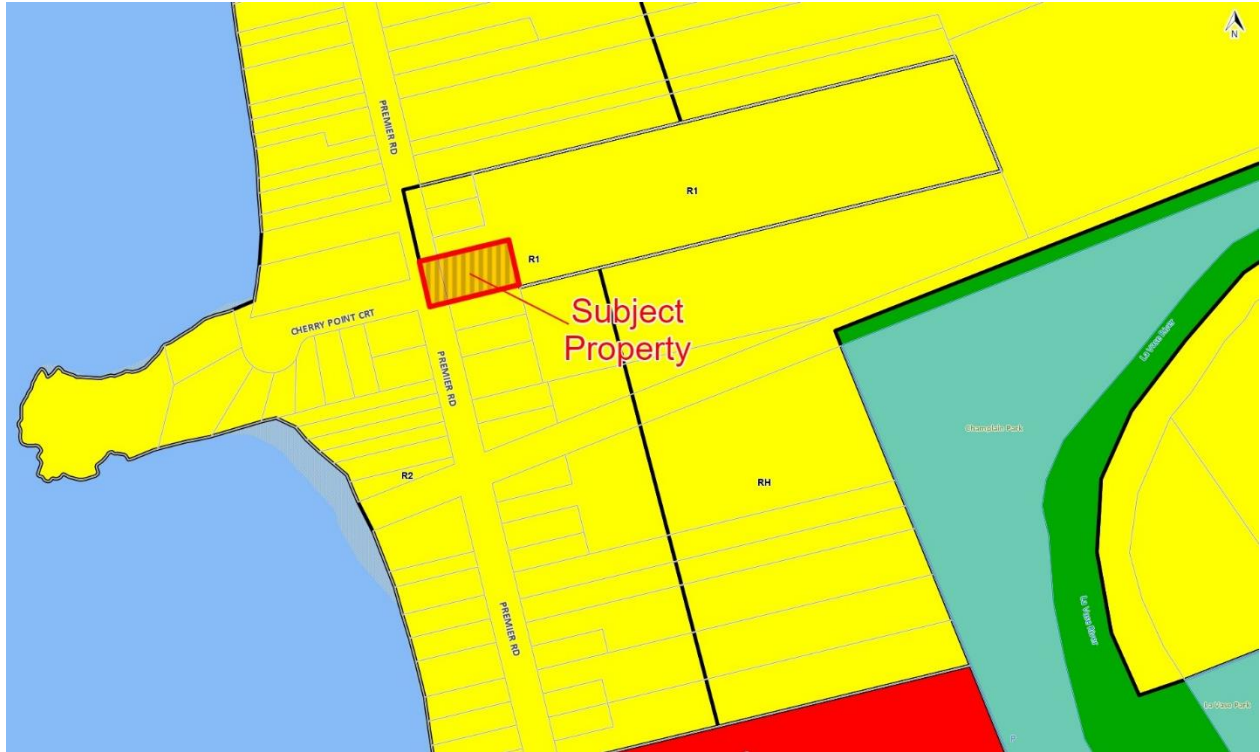
Schedule A

This is Schedule "A"
To By-law No. 2024-016

Passed the 23rd day of April, 2024

Mayor Peter Chirico

City Clerk Karen Mclsaac



Legend



– From a "Residential First Density (R1)" zone to a "Residential Sixth Density (R6)" zone

The Corporation of the City of North Bay

By Law No. 2024-17

A By-Law to Designate a Site Plan Control Area on Certain Unaddressed Lands on Premier Road

2412594 Ontario Limited

Whereas the Council of The Corporation of the City of North Bay, hereinafter referred to as the "City", deems it desirable to designate a Site Plan Control Area in the City of North Bay pursuant to Section 41 of the Planning Act R.S.O. 1990 as amended;

And Whereas the Council deems it desirable to delegate to the Chief Administrative Officer the authority to enter into an agreement respecting the matters referred to herein;

And Whereas Council intends to pass By-law No. 2024-016 to rezone the subject lands to a "Residential Sixth Density (R6)" zone to permit the construction of an apartment building.

Now Therefore the Council of The Corporation of the City of North Bay hereby enacts as follows:

- 1) That certain parcel of land composed PIN 49178-0408 (LT) PT LT 39 CON 13 Widdifield PTS 3, 4, 6 & 7 36R13170; S/T Over PTS 3, 6 & 7 36R13170 as in BS101870; North Bay; District of Nipissing, which lands are more particularly described on Schedule "A" attached hereto, is hereby designated as a Site Plan Control Area.
- 2) As a condition approval, all buildings or structures and parking facilities shall be provided and maintained in a location that is satisfactory to the City.
- 3) As a condition of approval the owner agrees to provide a storm water management plan which shall include a lot grading plan for the subject property. Said storm water management plan and any resulting alteration to the subject lands shall occur to the satisfaction of the City Engineer and at no expense to the City.
- 4) As a condition of approval of buildings and structures referred to in Section 2 hereof, no building or structure shall be erected, constructed, or placed on said Site Plan Control Area until the owner of the Site Plan Control Area has entered into an agreement with the City respecting the provisions, to the satisfaction of and at no expense to the City of the following matters:

- a) parking facilities and access driveways and the surfacing of such areas and driveways;
 - b) walkways and the surfacing thereof;
 - c) facilities for lighting, including floodlighting;
 - d) walls, fences, hedges, trees or shrubs, or other groundcover or facilities for the landscaping of the lands;
 - e) collection areas and other facilities and enclosures for the storage of garbage and other waste material;
 - f) grading or alteration in elevation or contour of the land and provision for the disposal of storm, surface and waste water from the land and from any buildings or structures thereon; and
 - g) adequate water supply for fire fighting purposes.
- 5) a) The Chief Administrative Officer is hereby authorized to enter into, under Corporate Seal, one or more agreements on behalf of the City with the owner of the subject lands herein to ensure the provision of all the facilities mentioned in this By-law, and to impose the standard fee upon the owner for preparation.
- b) The said Agreement may be registered against the lands to which it applies and the City may enforce the provisions of the Registry Act or any successor legislation thereto and the Land Titles Act or any successor legislation thereto against any and all subsequent owners of the land.
- 6) a) The said Agreement shall be binding on the owner, its successors, assigns and heirs.
- b) The owner shall authorize the City to exercise the provisions of Section 446 of The Municipal Act, 2001 (S.O. 2001, c.25), as amended or any successor legislation thereto in the event of a breach by the owner of a condition of this agreement.

7) This By-law comes into force and effect upon being finally passed.

Read a First Time in Open Council the 23rd Day of April, 2024.

Read a Second Time in Open Council the 23rd Day of April, 2024.

Read a Third Time in Open Council and Passed this 23rd Day of April, 2024.

Mayor Peter Chirico

City Clerk Karen McIsaac

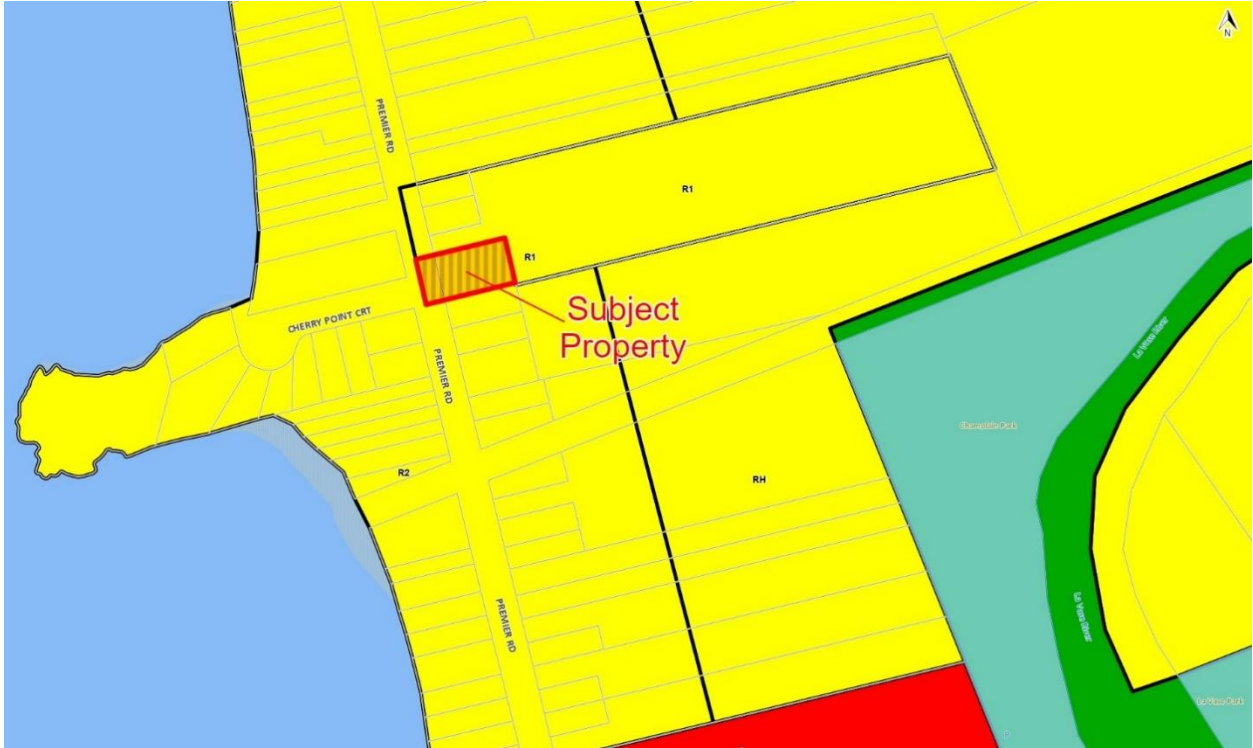
Schedule A

This is Schedule "A"
To By-law No. 2024-017

Passed the 23rd day of April, 2024

Mayor Peter Chirico

City Clerk Karen McIsaac



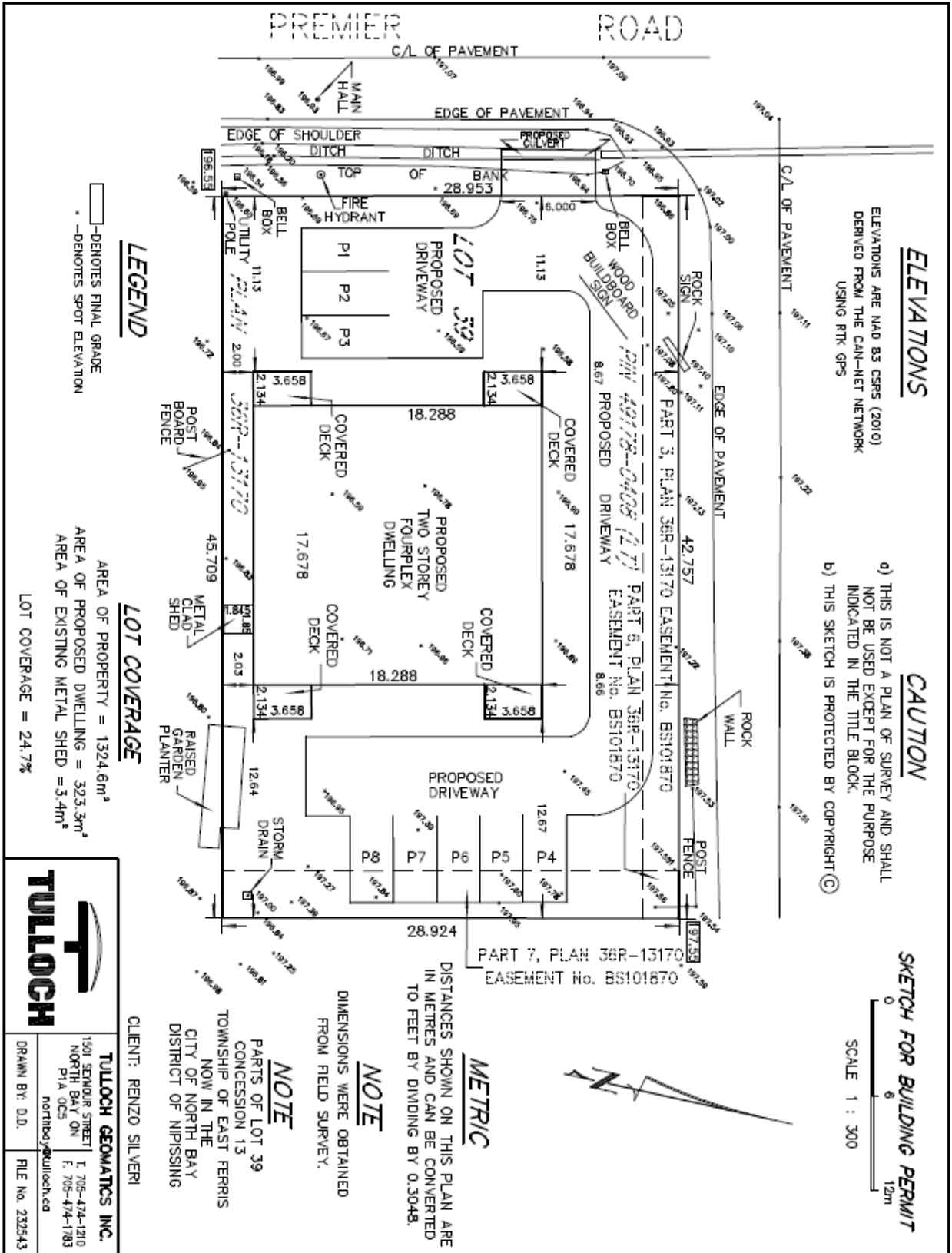
Schedule B

This is Schedule "B"
To By-law No. 2024-017

Passed the 23rd day of April , 2024

Mayor Peter Chirico

City Clerk Karen McIsaac



The Corporation of the City of North Bay

By-Law No. 2024-33

Official Plan Amendment No. 33

Condominium Conversion Policy

Whereas The Corporation of the City of North Bay has initiated an amendment to the Official Plan in the North Bay Planning Area;

And whereas the Council of The Corporation of the City of North Bay has ensured that adequate information has been made available to the public, and held at least one public meeting after due notice for the purpose of informing the public of this By-law;

And whereas it is deemed desirable to amend the Official Plan of the City of North Bay to amend the current condominium conversion policies within the Official Plan as shown in Schedule 'A' to this By-law pursuant to Section 17 of the *Planning Act*, R.S.O. 1990, c. P.13 as amended.

Now therefore the Council of The Corporation of the City of North Bay hereby enacts as follows:

- 1) The attached explanatory text constituting Amendment No. 33 to the Official Plan of the City of North Bay Planning Area are hereby adopted.
- 2) The appendices constitute revisions to the appendices only of the Official Plan and shall not constitute part of this Amendment.
- 3) Notice of this By-law shall be given by the Clerk in the manner and form and to the persons prescribed by Section 4 of O. Reg. 543/06 as amended.
- 4) This By-law shall come into effect upon passing.

Read a First Time in Open Council the 23rd day of April, 2024.

Read a Second Time in Open Council the 23rd day of April, 2024.

Read a Third Time in Open Council and Passed this 23rd day of April, 2024.

Mayor Peter Chirico

City Clerk Karen McIsaac

'Schedule A to By-law 2024-33'

AMENDMENT NO. 33

TO THE

OFFICIAL PLAN

OF THE

CITY OF NORTH BAY

(Condominium Conversion Policy)

April 23, 2024

‘Schedule A to By-law 2024-33’

AMENDMENT NO. 33

TO THE OFFICIAL PLAN OF THE CITY OF NORTH BAY

INDEX

STATEMENT OF COMPONENTS	i
PART ONE - INTRODUCTION	1
1.0 Purpose	1
2.0 Location	1
3.0 Basis	1
PART TWO - THE AMENDMENT	2
1.0 Purpose	2
2.0 The Amendment	2
3.0 Implementation and Interpretation	3

STATEMENT OF COMPONENTS

PART ONE - INTRODUCTION is included for information purposes and is not an operative part of this Official Plan Amendment.

PART TWO - THE AMENDMENT, consisting of the text and schedules attached hereto, is an operative part of this Official Plan Amendment.

PART ONE - INTRODUCTION

1. PURPOSE

The purpose of Amendment No. 33 to the Official Plan of the City of North Bay is to address a motion passed by Council, Resolution 2023-417 which recommended Planning Services review the Official Plan Policy as it relates to condominium conversions.

2. LOCATION

This Amendment applies to the entirety of the City of North Bay.

3. BASIS

The City of North Bay's Official Plan has policies to convert existing rental units to Condominium. The current policies have been in place since the adoption of the current Official Plan in 2009.

North Bay City Council passed resolution number 2023-417 on November 14, 2023 which states the following:

"Whereas the City's current Official Plan Policy allows condominium conversions.

Therefore Be It Resolved that Council recommends Planning Services staff review the Official Plan Policy as it relates to condominium conversions taking into account current residential rental information".

The basis for these changes have been based on Council's desire to further protect rental units, and ensuring that condominium conversions can proceed, provided the market can support the conversions and loss of rental units.

A ban on Condominium Conversions is not recommended. Condominium Conversions have the ability to, and typically do, create the most affordable type of housing ownership.

The proposed changes to the Official Plan will create a policy regime that protects the residential rental market at times when the vacancy rate is low, however, would also permit conversions at times when there is a higher vacancy and the conversions could create home ownership options.

PART TWO - THE AMENDMENT

1. PURPOSE

The purpose of Amendment No. 33 to the Official Plan of the City of North Bay is to amend the policies as they relate to condominium conversion as to not negatively affect the residential rental market.

This amendment applies to all lands within the City of North Bay.

2. THE AMENDMENT

The Official Plan of the City of North Bay is hereby amended:

2.1.1 Policies

- i) By deleting Section 2.1.13.1 and 2.1.13.2 and replacing it with the following:

“2.1.13 Condominium Conversion Policy

2.1.13.1 The conversion of existing rental units to condominium units are not permitted if the rental vacancy rate for the City has been an average of 3% or less for the previous two consecutive surveys, as reported by Canada Mortgage and Housing in the *Rental Market Statistics Summary*.

2.1.13.2 The conversion of existing rental units to condominium units may be permitted provided that the rental vacancy rate for the City is between 3% and 5% for two consecutive surveys, as reported by Canada Mortgage and Housing in the *Rental Market Statistics Summary*, and the conversion of the rental units would not reduce the City of North Bay’s rental vacancy below 3% and provided that the applicant can meet one or more of the following conditions:

- a) All of the resulting Condominium Units will provide affordable ownership as defined by the Provincial Policy Statement 2020 or any successor policy documents or as defined by the City of North Bay;
- b) The existing market rents of the units proposed for conversion are currently being rented for 15% or higher above the average market rent levels for the City of North Bay, as reported yearly

by the Canada Mortgage and Housing *Rental Market Statistics Summary* for rental units of a similar dwelling/structure and bedroom type;

- c) The proposed vacancy rate for the specific unit type is 5% or higher for two consecutive surveys, as reported by Canada Mortgage and Housing in the *Rental Market Statistics Summary*.

3. IMPLEMENTATION AND INTERPRETATION

This Official Plan Amendment shall be implemented and interpreted in accordance with the implementation and interpretation provisions set out in the Amendment and the Official Plan.

The Corporation of The City of North Bay

By-Law No. 2024-35

**Being a By-Law to Authorize the Execution of
a Subdivision Agreement between The
Corporation of the City of North Bay and
Laurentian Heights Limited –Kenreta Drive –
Phase IV**

Whereas the Subdivision Agreement with Laurentian Heights Limited was approved by Resolution No. 2024-108 passed by Council at its Regular Meeting held on Tuesday, the 9th day of April, 2024;

Now Therefore The Council of The Corporation of the City of North Bay Hereby Enacts as Follows:

1. The Corporation of the City of North Bay enter into a Subdivision Agreement with Laurentian Heights Limited in relation to Kenreta Drive Subdivision – Phase IV.
2. The Mayor and Clerk of The Corporation of the City of North Bay are hereby authorized to execute that Subdivision Agreement between The Corporation of the City of North Bay and Laurentian Heights Limited and to affix thereto the Corporate Seal.

Read a First Time in Open Council on the 23rd day of April, 2024.

Read a Second Time in Open Council on the 23rd day of April, 2024.

Read a Third Time in Open Council and Enacted and Passed on the 23rd day of April, 2024.

Mayor Peter Chirico

City Clerk Karen McIsaac

The Corporation of The City of North Bay

By-Law No. 2024-36

**Being a By-Law to Authorize the Execution of
a Cost Sharing Agreement between The
Corporation of the City of North Bay and
Laurentian Heights Limited – Stormwater
Management**

Whereas the Cost Sharing Agreement regarding Stormwater Management with Laurentian Heights Limited was approved by Resolution No. 2024-____ passed by Council at its Regular Meeting held on Tuesday, the 23rd day of April, 2024;

Now Therefore The Council of The Corporation of the City of North Bay Hereby Enacts as Follows:

1. The Corporation of the City of North Bay enter into a Cost Sharing Agreement re: Stormwater Management with Laurentian Heights Limited.
2. The Mayor and Clerk of The Corporation of the City of North Bay are hereby authorized to execute that Cost Sharing Agreement re Stormwater Management between The Corporation of the City of North Bay and Laurentian Heights Limited and to affix thereto the Corporate Seal.

Read a First Time in Open Council on the 23rd day of April, 2024.

Read a Second Time in Open Council on the 23rd day of April, 2024.

Read a Third Time in Open Council and Enacted and Passed on the 23rd day of April, 2024.

Mayor Peter Chirico

City Clerk Karen McIsaac

MOTION



North Bay, ON

April 23, 2024

Subject: Community Safety and Well-Being Ad Hoc Committee

File No.

Res. 2024 - _____

Moved by Councillor: Gardiner

Seconded by Councillor: Mitchell

Whereas Council passed Resolution No. 2023-196(a) on May 9, 2023 to establish a Community Safety and Well-Being Ad Hoc Committee ("the Committee");

And Whereas the Committee was to be engaged for a period of twelve (12) months;

And Whereas the Committee is seeking Council's approval for a one-year extension.

Therefore, be it Resolved that Council extend the term of the Committee for one year as per the Terms of Reference of the Committee.

Carried

Carried as amended

Lost

Conflict _____

Endorsement of Chair _____

Yeas _____

Nays _____

Record of Vote (*Upon Request of Councillor* _____)

Signature of Clerk _____

The Corporation of The City of North Bay

**By-Law No. 2024-34
Being a By-Law to Confirm Proceedings
of the Regular Meeting of Council Held on
April 23rd, 2024**

Whereas the *Municipal Act, R.S.O. 2001*, Chapter 25, (the “Act”) Section 5(1), provides that the powers of a municipal corporation shall be exercised by Council;

And Whereas Section 5 (3) of the Act provides a municipal power, including a municipality’s capacity, rights, powers and privileges under section 9 of the Act, shall be exercised by by-law unless the municipality is specifically authorized to do otherwise and any of the matters shall be implemented by the exercise of the natural person powers;

And Whereas in many cases action which is taken or authorized to be taken by Council does not lend itself to the passage of an individual by-law;

Now Therefore, The Council of The Corporation of The City of North Bay Hereby Enacts As Follows:

1. That the actions of the Council of The Corporation of the City of North Bay at its Regular Meeting held on April 23rd, 2024 in respect of each motion, resolution and other action passed and taken by the Council at is said Meeting is, except where the prior approval of the Local Planning Appeal Tribunal or other authority is by law required, hereby adopted, ratified and confirmed.
2. That where no individual by-law has been passed with respect to the taking of any action authorized in or by the Council mentioned in Section 1 hereof or with respect to the exercise of any powers of the Council, then this by-law shall be deemed for all purposes to the by-law required for approving and authorizing the taking of any action authorized therein or thereby required for the exercise of any powers therein by Council.
3. That the Mayor and the proper officers of The Corporation of the City of North Bay are hereby authorized and directed to do all things necessary to give effect to the said actions or to obtain approvals where required, and to execute all documents as may be necessary and directed to affix the corporate seal to all such documents as required.

Read a First Time in Open Council this 23rd day of April, 2024.

Read a Second Time in Open Council this 23rd day of April, 2024.

Read a Third Time in Open Council and Passed this 23rd day of April, 2024.

Mayor Peter Chirico

City Clerk Karen Mclsaac