Committee of the Whole - September 9, 2019

DATE: Monday, September 9, 2019

OPEN SESSION in S.H. Blake Memorial Auditorium at 6:30 p.m.

Committee of the Whole - Operations Session
Vice Chair: Councillor A. Aiello

DISCLOSURES OF INTEREST

CONFIRMATION OF AGENDA

Confirmation of Agenda - September 9, 2019 - Committee of the Whole

With respect to the September 9, 2019 Committee of the Whole meeting, we recommend that the agenda as printed, including any additional information and new business, be confirmed.

DEPUTATIONS

National Wushu Championship 2020 and World Taiji Championship 2022

Correspondence from Mr. W. Bilborough, Wushu and Taiji Championship Committee, dated August 22, 2019 requesting the opportunity to provide a deputation relative to the above noted.

REPORTS OF COMMITTEES

Clean, Green and Beautiful Committee Minutes

Minutes of Meeting No. 04-2019 of the Clean, Green and Beautiful Committee held on May 15, 2019, for information.

REPORTS OF MUNICIPAL OFFICERS

Proposed 20 Year Landfill Financial Plan

Report No. R 130/2019 (Infrastructure & Operations - Environment) recommending that the 20 year Landfill Financial Plan be adopted, inclusive of leachate management and gas collection system program costs.
Memorandum from Mr. J. Sherband, Manager – Solid Waste and Recycling Services, dated August 29, 2019 requesting the opportunity to provide a presentation relative to the above noted.

With respect to Report No. R 130/2019 (Infrastructure & Operations – Environment), we recommend that City Council approve the adoption of the 20 year Solid Waste (Landfill) Financial Plan appended to this Report, inclusive of leachate management and gas collection system program costs;

AND THAT tipping fees continue to fund costs related to the operation and maintenance of the Landfill site, including gas collection and leachate management system;

AND THAT the Solid Waste (Landfill) Financial Plan be implemented subject to approval of the 2020 Solid Waste and Recycling Services Operating and Capital Budget;

AND THAT any necessary By-laws be presented to City Council for ratification.

PETITIONS AND COMMUNICATIONS

Engagement with Outside Boards – 2020 Budget

Memorandum from Mayor B. Mauro, dated August 22, 2019 containing a motion relative to the above noted.

With respect to the preparation of the 2020 Tax Supported Capital and Operating Budget, we recommend that Administration be directed to increase engagement efforts with the Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health to determine how levies to the City of Thunder Bay may be impacted by proposed potential cuts in provincial funding;

AND THAT a letter from Mayor Bill Mauro on behalf of City Council be sent to Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health requesting that groups examine their budgets along with their mandate and ensure that potential provincial funding cuts are not being downloaded to the municipality which is in effect asking local taxpayers to backfill potential provincial cuts affecting Thunder Bay’s budget and Thunder Bay’s tax rate and levy;

AND THAT information about funding gaps that affect the Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health be presented to the Intergovernmental Affairs committee;

AND THAT Administration report back on their outreach initiatives with the above noted boards on or before November 29, 2019;

AND THAT any necessary by-laws be presented to City Council for ratification.
Scheduling - Designated Truck Route By-law - October 7, 2019

Memorandum from Ms. K. Power, City Clerk dated August 28, 2019 relative to the above noted, for information.

NEW BUSINESS

ADJOURNMENT
**MEETING DATE**  09/09/2019 (mm/dd/yyyy)

**SUBJECT**  Confirmation of Agenda

**SUMMARY**

Confirmation of Agenda - September 9, 2019 - Committee of the Whole

**RECOMMENDATION**

With respect to the September 9, 2019 Committee of the Whole meeting, we recommend that the agenda as printed, including any additional information and new business, be confirmed.
MEETING DATE  09/09/2019 (mm/dd/yyyy)

SUBJECT  National Wushu Championship 2020 and World Taiji Championship 2022

SUMMARY

Correspondence from Mr. W. Bilborough, Wushu and Taiji Championship Committee, dated August 22, 2019 requesting the opportunity to provide a deputation relative to the above noted.

ATTACHMENTS

1 Deputation request from Mr. W. Bilborough dated Aug 22 2019
Hello,

Please note the following response to Speak to City Council has been submitted at Thursday August 22nd 2019 9:48 PM with reference number 2019-08-22-010.

- **If you would like to speak to City Council about another topic not associated with an agenda item, please state topic here (if applicable):**
  National Wushu Championship 2020 and World Taiji Championship 2022

- **What are you requesting from Council?**
  other:

- **If other:**
  Endorsement, CEDC MAT financial support

- **Have you already been in contact with City Administration in regards to the subject matter of your deputation request?**
  Yes

- **If yes, what was the outcome?**
  City Administration suggested that we submit an Application

- **Please select the date of the meeting:**
  Committee of the Whole - Monday, September 9th

- **First name:**
  Wayne

- **Last name:**
  Bilborough

- **Email:**
  wbilb@shaw.ca

- **Phone:**
  (807) 708-3477

- **Organization you represent: (optional)**
  Wushu and Taiji Championship Committee
• Please note the names of the presenters that will be attending with you:
  Ken Boshcoff, Jim Taylor, Cheryl Merlo, Tourism Thunder Bay Representative, CEDC Representative
MEETING DATE 09/09/2019 (mm/dd/yyyy)

SUBJECT Clean, Green and Beautiful Committee Minutes

SUMMARY

Minutes of Meeting No. 04-2019 of the Clean, Green and Beautiful Committee held on May 15, 2019, for information.

ATTACHMENTS

1 CGB minutes May 15 2019
1. **WELCOME & DISCLOSURES OF INTEREST**

The Chair, Councillor R. Johnson, called the meeting to order at 10:00 am. There were no disclosures of interest declared at this time.

2. **AGENDA APPROVAL**

It was the consensus of the Committee that the agenda for Meeting No. 04-2019 of the Clean, Green & Beautiful Committee, held on May 15, 2019, including any additional information and new business, be confirmed. At approximately 10:10 am quorum was established.

3. **MINUTES OF PREVIOUS MEETING**

It was consensus of the Committee to confirm the Minutes of Meeting No. 01-2019 held on January 16, 2019 and Meeting No. 03-2019 held on March 20, 2019.
4. EDUCATION SESSION

Ms. J. Wright provided an overview of the history of the Clean, Green & Beautiful Committee for the past 14 years. In 2005 Mayor Lynn Peterson brought together 50 community leaders across different sectors to form a Mayor’s Task Force on Civic Pride to bring leadership to improve the City’s appearance and environment.

In 2007 the Clean, Green & Beautiful Committee was formed. Examples were shared of the work that has been accomplished through the Committee from 2007 – 2019.

In 2020 the Clean, Green & Beautiful Committee will celebrate their 15-year milestone. A discussion was held regarding the opportunity to recognize and capture this milestone. It was recommended the Committee build on the existing 10-year report adding the most recent five years. The report can then be re-issued as a 15-year review booklet.

5. ANNUAL GRAFFITI REPORT

Mr. C. Campbell provided the annual update on the removal of graffiti. Reports of graffiti have been mainly coming in by phone and Ping Street. Overall the number of reports has declined.

Mr. C. Campbell stated that in 2019 they would continue to increase awareness of the reporting tools through advertising. They plan to work with 211 in regards to Graffiti Guard.

6. PLANNING SERVICES UPDATE

Ms. J. Fazio provided an update on sample landscape booklets. A copy of the booklet can be found on the Building and Services website under urban design guidelines at: Building and Planning/Urban Design Guidelines Sample Landscape Strips

Discussion was held in regards to the sample booklet. The Clean, Green & Beautiful Committee voiced concern they did not have any input into the document and would like to have this opportunity for future documents of this nature.

The Committee suggested the document could be useful to citizens as well as businesses. Ms. Fazio will consider this feedback.

It was recommended by Councillor Johnson that a presentation to Council should be done to inform the community members (or residents) about this resource.

7. COMMITTEE BUDGET FOR 2019

Ms. J. Wright provided a financial overview of the Clean, Green & Beautiful Committee budget for 2019.

The projects that were budgeted for 2019 of $250,000 will continue as planned. The contribution to the reserve fund was reduced during budget deliberation to $200,000.

Project planning for 2020 will be based on the new level of funding of $200,000.
8. WEBSITE

Ms. J. Wright went through the Clean, Green & Beautiful web page updates with the Committee.

Enhancements include: organization of the home page and content, additional imagery and photo galleries and updated content including features on the Clean, Green & Beautiful award winner and runner up.

9. LITTER CAMPAIGN UPDATE

Ms. S. Costigan provided an update on the anti-litter campaign.

Spring Up to Clean Up programs are preparing to start. Business participants have increased to 97 participants doing a 20-minute makeover in front and around their place of business. First kick off was at Bay Village Coffee which drew 120 volunteers to clean up around the Bay and Algoma areas.

Social media presence has increased awareness and engaged more people to reduce litter in the city.

EcoSuperior has purchased 30 new ashtrays and is looking for partners to help with the installation and ongoing maintenance. The installation of the 40 ashtrays at the marina has seen a decline of 57% in cigarette litter.

Pocket ashtrays are received as a very positive initiative. EcoSuperior is seeking additional locations where people can obtain the pocket ashtrays.

10. AWARDS UPDATE

Ms. S. Godwin provided an update on the Clean, Green & Beautiful Committee Awards. Thank you given to the Award Working Group.

The 2019 recipient of the Chamber of Commerce, Business Excellence Clean, Green & Beautiful award is St. Joseph’s Care Group. The runner up is Eco Depot Waste Diversion Inc. A letter was sent from the Committee to the runner up thanking them for their submission.

The Awards Working Group requested time on the October agenda to review the purpose of the Clean, Green & Beautiful awards and discuss potential changes moving forward. Considerations include whether the Committee should attempt to fill voids left with other long standing awards being discontinued such as the ‘Citizen Beautification Award’, as well as how to recognize the efforts of more businesses and organizations who are not members of Chamber of Commerce.

The Committee is committed to working with the Chamber of Commerce for at least another year. Ms. S. Godwin will send the nomination criteria to the Committee to start thinking of possible candidates for the Clean, Green & Beautiful Committee 2020 Award in partnership with the Chamber of Commerce.
11. COMMITTEE TERMS OF REFERENCE

Ms. B. Baker led the discussion on the updated Clean, Green & Beautiful Terms of Reference.

It was stated that the updated Terms of Reference are more focused and precise.

Additions/changes suggested were to add an additional category to the business membership, define the age for youth membership and add one additional citizen representative. Business memberships would include: small (10 and under employees), medium (11-100 employees) and large over (100 employees). The age determined for youth is 29 and under. It was discussed by defining the youth membership would allow more flexibility. Once these additions/changes are made, the Terms of Reference will be ready for Council’s approval. Upon approval the posting for the new positions of a small business representative and an additional citizen representative can occur.

MOVED BY: Mr. D. Hansen
SECONDED BY: Ms. B. Baker

With respect to the Clean, Green and Beautiful Committee revised Terms of Reference, we recommend that the Terms of Reference be approved.

CARRIED

12. PLANNING FOR COMMITTEE’S JUNE MEETING

It was discussed and the consensus of the group to dedicate the June meeting to a tour of the school Clean, Green & Beautiful Committee projects. Superior High School did not submit an application but are to be included in the tour. The time agreed on is 10am – 1 pm concluding with Superior High School, with lunch outdoors in the area from their previous application. The Committee will meet at one of the six schools; location is still to be determined.

13. COMMITTEE VISION

Councillor Johnson requested the Committee review the Future Vision for the City list and provide input at our September meeting.

14. 50th ANNIVERSARY

It was not determined who would represent the Clean, Green & Beautiful Committee on the 50th Anniversary Celebration Steering Committee. Councillor Johnson will email the group to extend the interest.

To begin the process of establishing a Legacy Project for the 50th Anniversary, it was agreed the Clean, Green & Beautiful Committee, Public Art Committee and representation from the 50th Anniversary Celebration Steering Committee should meet. No date was set.
15. HERITAGE ADVISORY COMMITTEE UPDATE

Ms. D. Pallen provided an update for the Heritage Advisory Committee including Magnus Theatre, Boulevard Lake Dam Renovations, Waverly Library Renovations, Vickers Park Playground. The Heritage Advisory Committee is working towards assessing if Dease Pool is appropriate for historical designation.

16. PUBLIC ART COMMITTEE UPDATE

Mr. D. Hansen stated the committee is between meetings.

The Committee has been working on confirming performers for Live on the Waterfront this year. The lineup will be available in about a month.

17. NEW BUSINESS

A discussion was held in regards to a proposal presented to the Clean, Green & Beautiful Committee from Councillor Hamilton. The request was for support for Stand Up for Clean Up and The Green Dream Team; both are active neighbourhood clean-up groups. Stand Up for Clean Up was the recipient of this year’s Mayor’s Community Safety Award and the Green Dream Team was the recipient of Dougall’s Holiday Heroes Award in 2018.

It was decided that the work they are both doing is commendable but does not fit within the Clean, Green & Beautiful Committee’s mandate.

It will be recommended they follow-up with EcoSupeior who may be able to provide support.

Councillor Johnson suggested an agenda item be added in the future to discuss how the Committee handles any requests of this nature. (i.e. funding requests from non-City organizations).

18. NEXT MEETING

Committee meetings are held on the 3rd Wednesday of each month, except July and August, from 10:00 a.m. until 12:00 p.m. in the McNaughton Room, 3rd Floor of City Hall, unless otherwise notified.

- Wednesday, September 18, 2019
- Wednesday, October 16, 2019
- Wednesday, November 20, 2019
- Wednesday, December 18, 2019

19. ADJOURNMENT

The meeting adjourned at 12 pm.
RECOMMENDATION

With respect to Report No. R 130/2019 (Infrastructure & Operations – Environment), we recommend that City Council approve the adoption of the 20 year Solid Waste (Landfill) Financial Plan appended to this Report, inclusive of leachate management and gas collection system program costs;

AND THAT tipping fees continue to fund costs related to the operation and maintenance of the Landfill site, including gas collection and leachate management system;

AND THAT the Solid Waste (Landfill) Financial Plan be implemented subject to approval of the 2020 Solid Waste and Recycling Services Operating and Capital Budget;

AND THAT any necessary By-laws be presented to City Council for ratification.

EXECUTIVE SUMMARY

The purpose of this report is to obtain City Council approval for a long-term financial plan for the Landfill Site.

DISCUSSION

The Solid Waste (Landfill) Financial Plan appended outlines the projected operating and capital plan for the next 20 years. The goal of the plan is to achieve financial sustainability, full-cost recovery and affordability for consumers, while maintaining the City’s existing operating service levels and capital infrastructure renewal for the Landfill Site and related programs including the operating, closure and post-closure management of the landfill site. The forecast demonstrates that these goals have been met.

This plan is a component of the Solid Waste Management Strategy (SWMS), adopted in principle by Council in 2014. Key assumptions used in developing the plan are consistent with the Water Authority and Wastewater System Financial Plans.
Solid Waste and Recycling Services is responsible for all aspects of waste management, including waste collection, diversion and waste disposal. Council approved all operating and capital expenditures for waste diversion operations to be transferred to the municipal tax levy in 2016. This transfer has been phased starting in 2017 and is expected to be completed in the 2020 budget.

Operating and capital costs for the Landfill Site, including gas collection, are recovered through tipping fees and other site revenues. The 2020 proposed tax supported budget will include all curbside waste collection and waste diversion program costs. Waste diversion includes recycling collection and processing, recycling depot operations, household hazardous waste programs, electronic waste, curbside leaf and yard waste collection, and composting/organics initiatives. Starting in 2021, a new tax funded capital budget envelope for waste diversion operations will be developed to support ongoing program planning and implementation.

There are currently no tipping fees collected on household or commercial waste brought to the site by the City’s waste packers (22,880 tonnes in 2018) which means disposal revenues are all drawn from residential and Industrial, Commercial and Institutional (ICI) customers who bring waste over the scales. A review of packer fees will be carried out and brought to Council with the next update of this Financial Plan in 2024.

There has been a decline in total waste tonnage subject to tipping fees, the result of three trends, which are also common in other municipal jurisdictions. Diversion programs reduce the amount of waste going to landfill. Changes in packaging and industrial processes have reduced the weight of many items which are going to the landfill. If tipping fees are not competitive with nearby private and municipal facilities, waste haulers and residents will go elsewhere, a trend known as waste exporting.

Key Assumptions

In developing the updated Solid Waste (Landfill) Financial Plan, key assumptions are that:

- Administrative interdepartmental charges applied annually to Landfill by supporting areas (such as Accounts Receivable, Fleet, Stores, Cashiers, Corporate Information Technology, etc.,) are expected to be controlled at an increase of 2.5% annually;
- Capital spending projections are based on known requirements and current cost estimates and then increased by 1.9% annually to address inflation; and,
- The City is required to “account for and report the liability for closure and post-closure care” for the Landfill Site, including disclosing how the requirements are to be met. As of 2019, this liability is $3.8 million dollars, based on closure and post closure needs of $6.0 million.
Expenditures

- Utilities are expected to increase by 3.0% beginning in 2020 and other operating expenses are projected to increase by 2.5% on an annual basis;
- Annual operating expenses including interest and principal repayments on long-term debt reach $5.8 million by 2038;
- Starting in 2020, spending is required to build an expanded leachate treatment system, increase storm water management capacity and carry out west cell capping which will require significant additional debt;
- Capital spending on Landfill Site infrastructure is projected to total $13.0 million over the next ten years.

Funding

- Tipping fee rates will increase 3% annually. Waste disposal is a competitive market and higher rate increases result in out-shopping for landfill services by traditional customers;
- The increase in diversion activities directly impact the tipping fee revenue, therefore, the tonnage of waste coming to the landfill will decline by 2.0% annually, based on the average level of decline over the past five (5) years;
- Revenue from the Landfill Gas Co-Generation Facility is expected to remain at $115,000 with offsetting expenses of $55,000 annually;
- This plan establishes a reserve fund floor of $400,000 to address any annual variation in revenues or expenses. The reserve is projected to grow to $2.6 million by 2038 to fund the closure of the existing landfill space and the development of new capacity.

Debt Financing

- The debt service ratio target for Landfill Operations should not exceed 16% and the upper limit target is 15%, as approved in the Corporate Debt Management Strategy;
- Existing debt for the Landfill Site operation represents financing for the gas collection system and east cell capping, with an outstanding balance of $5.5 million as of 2019;
- Additional debt of $13.5 million is required to fund capital infrastructure renewal through 2038;
- The debt-service ratio for borrowing will peak at 23.4% in 2024 and exceed the corporate target of 15% through 2025, consistent with the original financial plan, at which point, reserves and revenues will be available to ensure borrowing conforms to the 15% target set.
- Despite the Landfill debt-service ratio exceeding the 15% target, the City’s overall debt service ratio will remain below the maximum limit of 10% approved in the Corporate Debt Management Strategy.
**FINANCIAL IMPLICATION**

Based on the cash flow projections developed in this Financial Plan, the continued operation of the Landfill site will be financially viable both in the short and long term (i.e. 20 years).

Tipping fees will continue to be collected to cover operating costs and capital needs for the site. Revenue levels will gradually increase to allow investment in the reserve fund for significant future capital requirements. The reserve fund will reach $2.6 million in 2038. Closure costs for the east cell is forecast at $5.8 million in 2041.

$13.5 million in new debt will be acquired, and there will be an outstanding debt balance of $8.1 million in 2038. The debt service ratio will exceed the recommended policy limit of 15% between 2022 and 2025 and will be at 4.8% by 2038.

This plan does not rely on the use of municipal tax dollars.

**CONCLUSION**

The Solid Waste (Landfill) Financial Plan was developed to meet the projected operating and capital needs of the Landfill site operations over the next 20 years and to support revenue requirements and borrowing requests.

It is concluded that City Council should approve the Solid Waste (Landfill) Financial Plan as appended.

**BACKGROUND**

The City of Thunder Bay revised its Capital Financing and Debt Policy in 2014. As part of the Debt Management Strategy outlined in Corporate Report No. 2014.019 (Accounting & Budgets), it was recommended that a long-term financial plan for rate-supported programs be completed.

At the April 7, 2014 Committee of the Whole meeting, a resolution was passed relative to Report No. 2014.017 (Roads) – Draft Solid Waste Management Strategy requesting that Administration report back to Council with options for financing the Solid Waste Management Strategy prior to the 2015 budget;

At the June 6, 2016 Committee of the Whole meeting, Report No. R91/2016 (Environment), the Solid Waste System Financial Plan was approved. The Plan took into account all aspects of Solid Waste Management (i.e. collection, disposal and diversion).
REFERENCE MATERIAL ATTACHED:
Attachment A - Solid Waste (Landfill) Financial Plan

PREPARED BY: Charles Campbell, Manager – Central Support Division and Jason Sherband, Manager – Solid Waste and Recycling Services

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<th>THIS REPORT SIGNED AND VERIFIED BY:</th>
<th>DATE:</th>
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<tr>
<td>Kerri Marshall, General Manager – Infrastructure &amp; Operations</td>
<td>August 29, 2019</td>
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<tr>
<td>Year</td>
<td>Landfill Revenues</td>
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</tr>
<tr>
<td>2025</td>
<td>4,941,000</td>
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<th>Purchased Services</th>
<th>Engineering</th>
<th>Equipment Rental/Maintenance</th>
<th>Program Support</th>
<th>Reserve</th>
<th>Long Term Debt Principal Repayment</th>
<th>Present Value of Landfill Liability (reported on FS)</th>
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| Year       | Operating (Loss)/Deficit | Operating Surplus/(Deficit) | Fund Deficit (Tax Program beginning 2009) | Long Term Debt Principal Repayment | Landfill Expenses | Reserve | Long Term Debt Principal Repayment | Present Value of Landfill Liability (reported on FS) |
|------------|---------------------------|-------------------------------|--------------------------------------|------------------|------------|------------------|-----------------------------------------------|
| 2025       | (524,070)                 | 3,583,318                      | 3,943,281                            | 4,750,49          | 3,813,532  | 3,813,532        | 3,813,532                                      |
| 2026       | (716,515)                 | 3,943,281                      | 4,750,49                             | 4,344,900         | 4,344,900  | 4,344,900        | 4,344,900                                      |
| 2027       | (716,515)                 | 4,750,49                       | 4,750,49                             | 4,823,562         | 4,823,562  | 4,823,562        | 4,823,562                                      |
| 2028       | (1,997,210)               | 4,868,088                      | 4,868,088                            | 4,868,088         | 4,868,088  | 4,868,088        | 4,868,088                                      |

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<th>Capital Surplus (Shortfall)</th>
<th>Reserve</th>
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Committee of the Corps of Engineers - September 9, 2019 - 10 of 27
The Corporation of the City of Thunder Bay
Environment Division - Solid Waste (Landfill) Operations
Projected Statement of Operations
For the years ended December 31, 2018 to 2038

Notes and Assumptions

Note 1
Landfill Revenues

<table>
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<th>Year</th>
<th>Landfill Site/Special Handling</th>
<th>Decline in refuse from diversion and export</th>
<th>Landfill Contaminated</th>
<th>Sale Material &amp; Supplies</th>
<th>Other Revenue</th>
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<td>3%</td>
<td>-2.4%</td>
<td>Expected to remain at the estimated $50,000 five year average throughout for revenue from contaminated soil.</td>
<td>Expected to remain at the estimated $2,500 five year average throughout for revenue from scrap metal.</td>
<td>Expected to remain at the estimated $115,000 five year average throughout for revenue from the gas collection program.</td>
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Note 2
Operating Expenses will increase by 2.5% annually.

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<td></td>
</tr>
</tbody>
</table>

Note 3
Utilities charges will increase by 3% annually beginning in 2020.

<table>
<thead>
<tr>
<th>Year</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
<th>2028</th>
<th>2029</th>
<th>2030</th>
<th>2031</th>
<th>2032</th>
<th>2033</th>
<th>2034</th>
<th>2035</th>
<th>2036</th>
<th>2037</th>
<th>2038</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7.0%</td>
<td>2.5%</td>
<td>3.0%</td>
<td>3.0%</td>
<td>3.0%</td>
<td>3.0%</td>
<td>3.0%</td>
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<td>3.0%</td>
<td>3.0%</td>
<td>3.0%</td>
<td></td>
</tr>
</tbody>
</table>

Note 4
Capital spend includes projected in-year spend of current projects and capital carryforward amounts.

Capital expenditures for 2019 are in accordance with the 2019 Approved Budget. Projected capital expenditures have been provided by the Environment Division upon review of future capital requirements and have been increased by 1.9% annually for inflation.

Capital carryforward represents capital projects budgeted and approved by Council in a prior year but not yet spent. For the purposes of this long-term plan, the capital carryforward existing at the end of 2018 has been allocated to estimated completion years.

Note 5
Internal Debt
Internal debt will be used for capital projects not eligible for external debentures.

It will be incurred over a term of 10 years with semi-annual payments at an interest rate of 4.5% compounded semi-annually. Interest will be charged at 50% for the first year.

External Debt
Due to the timing between the capital spend and conversion to external debenture, the debt is temporarily financed for the first year as internal debt until converted to construction financing in year two.

Interest on construction financing begins in year two at 2%.

Construction financing is converted to debenture in year three with payments beginning in year four.

New external debt will be incurred over a term of 10 years with semi-annual payments at an interest rate of 4% compounded semi-annually.

Note 6
Interest earned on the reserve fund balance has not been calculated.

Reserve fund balance is to fund landfill closure costs in the future in agreement with the landfill liability calculation updated annually as reported on the financial statements.

Note 7
Assumes same usage rate for use of landfill however additional diversion activities (ie. organics) could impact and extend the life of the landfill.

The Province is moving to full producer responsibility for Provincial waste diversion programs.
### Committee of the Whole - September 9, 2019

**Environmental Division - Solid Waste (Landfill) Operations**

**For the years ended December 31, 2018 to 2038**

<table>
<thead>
<tr>
<th>Year</th>
<th>Existing Debt</th>
<th>New Debt</th>
<th>Total Debt</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>891,702</td>
<td>365,000</td>
<td>1,256,702</td>
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<tr>
<td>2019</td>
<td>591,879</td>
<td>1,265,000</td>
<td>1,856,879</td>
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<tr>
<td>2020</td>
<td>550,936</td>
<td>3,828,500</td>
<td>4,379,436</td>
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<tr>
<td>2021</td>
<td>732,667</td>
<td>3,792,000</td>
<td>4,524,667</td>
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<tr>
<td>2022</td>
<td>550,936</td>
<td>3,975,500</td>
<td>4,526,436</td>
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<tr>
<td>2023</td>
<td>656,540</td>
<td>4,365,500</td>
<td>5,022,040</td>
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<td>2024</td>
<td>765,297</td>
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<td>2025</td>
<td>957,850</td>
<td>2,862,500</td>
<td>3,820,350</td>
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<td>2026</td>
<td>1,147,850</td>
<td>2,361,500</td>
<td>3,509,350</td>
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<td>2027</td>
<td>1,337,850</td>
<td>1,860,500</td>
<td>3,198,350</td>
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<td>1,527,850</td>
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<td>1,907,850</td>
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<td>2,477,850</td>
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<td>3,237,850</td>
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<tr>
<td>2038</td>
<td>3,427,850</td>
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<td>3,517,850</td>
</tr>
</tbody>
</table>

### Solid Waste Debt Service Ratio

- Per Report, goal is to be no higher than 15%

### Solid Waste Debt to Reserve Ratio

- 10.9% to 16.7%

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Committee of the Whole - September 9, 2019

21 of 27
MEMORANDUM

TO: Krista Power, City Clerk
FROM: Jason Sherband, Manager – Solid Waste and Recycling Services
DATE: August 29, 2019
RE: Request for Presentation at September 09, 2019 COW

Administration is requesting the opportunity to make a presentation relative to Report No. R130/2019 - Proposed 20 Year Solid Waste (Landfill) Financial Plan. The presentation will be made by Charles Campbell, Manager – Central Support and Jason Sherband, Manager – Solid Waste and Recycling Services.

Yours truly,

Jason Sherband

pc Norm Gale, City Manager
   Kerri Marshall, GM – Infrastructure and Operations
   Michelle Warywoda, Director – Environment
   Charles Campbell, Manager – Central Support
MEETING DATE  09/09/2019 (mm/dd/yyyy)

SUBJECT  Engagement with Outside Boards – 2020 Budget

SUMMARY

Memorandum from Mayor B. Mauro, dated August 22, 2019 containing a motion relative to the above noted.

RECOMMENDATION

With respect to the preparation of the 2020 Tax Supported Capital and Operating Budget, we recommend that Administration be directed to increase engagement efforts with the Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health to determine how levies to the City of Thunder Bay may be impacted by proposed potential cuts in provincial funding;

AND THAT a letter from Mayor Bill Mauro on behalf of City Council be sent to Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health requesting that groups examine their budgets along with their mandate and ensure that potential provincial funding cuts are not being downloaded to the municipality which is in effect asking local taxpayers to backfill potential provincial cuts affecting Thunder Bay’s budget and Thunder Bay’s tax rate and levy;

AND THAT information about funding gaps that affect the Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health be presented to the Intergovernmental Affairs committee;

AND THAT Administration report back on their outreach initiatives with the above noted boards on or before November 29, 2019;

AND THAT any necessary by-laws be presented to City Council for ratification.

ATTACHMENTS

1  Mayor B Mauro memo Aug 22 2019
TO: Ms. Krista Power, City Clerk
FROM: Mayor Bill Mauro
DATE: August 22, 2019
SUBJECT:  Motion - Engagement with Outside Boards – 2020 Budget
Committee of the Whole – September 9, 2019

The City of Thunder Bay is currently in the process of developing the proposed 2020 Capital and Operating budgets for City Council’s approval. Many factors contribute to the development of the budget including levies from outside boards such as the Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health. Currently there are unknown impacts that are affecting municipalities as changes in funding models and programs are under evaluation and potential change by the provincial government that may affect the 2020 budget.

In an effort to respond and prepare for potential cuts to programs and funding, it is important for the City to work in collaboration where possible with the LRCA, TBDSSAB and the Board of Health to gather information in response to potential cuts. I am concerned that there is potential that funding cuts that affect outside boards will be anticipated to be backfilled by the municipality and that levies from outside boards will increase and impact the tax rate for property owners.

This motion provides for a public and front facing approach and tasks administration to increase engagement efforts with the LRCA, TBDSSAB and the Board of Health to gather information on their budgets and response to the potential cuts that have been proposed or are anticipated and report back to City Council on that work.

I would also welcome the LRCA, TBDSSAB and the Board of Health to reach out to the Intergovernmental Affairs Committee if there are ongoing gaps identified through cuts to funding. The Intergovernmental Affairs Committee will continue to do its work in supporting necessary programs and services in our city and lobby on behalf of boards where appropriate to do so. While we acknowledge the authority of the LRCA, TBDSSAB and the Board of Health to levy the City of Thunder Bay and recognize the importance of their work in the community, we must be prepared as a city to respond to potential impacts for rate payers.

As such the following motion is provided for City Council’s consideration:

With respect to the preparation of the 2020 Tax Supported Capital and Operating Budget, we recommend that Administration be directed to increase engagement efforts with the Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services
Administration Board (TBDSSAB), and the Board of Health to determine how levies to the City of Thunder Bay may be impacted by proposed potential cuts in provincial funding;

AND THAT a letter from Mayor Bill Mauro on behalf of City Council be sent to Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health requesting that groups examine their budgets along with their mandate and ensure that potential provincial funding cuts are not being downloaded to the municipality which is in effect asking local taxpayers to backfill potential provincial cuts affecting Thunder Bay’s budget and Thunder Bay’s tax rate and levy;

AND THAT information about funding gaps that affect the Lakehead Region Conservation Authority (LRCA), Thunder Bay District Social Services Administration Board (TBDSSAB), and the Board of Health be presented to the Intergovernmental Affairs committee;

AND THAT Administration report back on their outreach initiatives with the above noted boards on or before November 29, 2019;

AND THAT any necessary by-laws be presented to City Council for ratification.
MEETING DATE  09/09/2019 (mm/dd/yyyy)

SUBJECT  Scheduling – Designated Truck Route By-law – October 7, 2019

SUMMARY

Memorandum from Ms. K. Power, City Clerk dated August 28, 2019 relative to the above noted, for information.

ATTACHMENTS

1 K Power memo dated Aug 28 2019
Memorandum

TO: Members of Council

FROM: Krista Power, City Clerk

DATE: August 28, 2019

SUBJECT: Committee of the Whole – September 9, 2019
Scheduling - Designated Truck Route By-law – October 7, 2019

At the April 15, 2019 Committee of the Whole meeting a resolution was passed directing administration to poll members of council to determine availability for attendance and confirm the date of presentation for the Designated Truck Route by-law.

Members of council were contacted by the Office of the City Clerk in regards to scheduling of dates in May and June of this year. The presentation of the Designated Truck Route was scheduled for Monday, June 17. Following the defeat of the by-law presented to City Council at that meeting, a new date has been circulated to Council for presentation of a new version of a by-law to implement a Designated Truck Route in the city of Thunder Bay.

Following the polling of members of Council, Monday, October 7, 2019 has been selected for the date for presentation of for the Designated Truck Route by-law based on the availability of members.

cc:
Mr. N. Gale, City Manager
Ms. K. Marshall, General Manager – Infrastructure & Operations
Mr. M. Grimaldi, Solicitor – Legal Services
Ms. K. Dixon, Director – Engineering & Operations