



Essex-Windsor Solid Waste Authority Regular Board Meeting Agenda

Meeting Date: Tuesday, October 04, 2016
Time: In-Camera Session 4:15 PM
Regular Session 4:30 PM
Location: Essex County Civic & Education Centre – Room C
360 Fairview Avenue West, Essex Ontario

List of Business

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1. Call To Order

2. Declaration of Pecuniary Interest

3. Approval of the Minutes

A) August 24, 2016 Regular Meeting Minutes 1-8

4. Business Arising from the Minutes

There are no items for discussion.

5. Correspondence

There are no items for discussion.

6. Delegations

There are no delegations.

7. Finance and Administration

There are no Finance and Administration reports to consider.

8. Waste Disposal

A) Tender Award for the Repair and Replacement of Asphalt at Transfer Station #2 in Kingsville 9-10

B) Large Renewable Energy Procurement Process Ended by Province 11-16

C) Landfill Compensation Comparison (to be distributed at the meeting)

9. Waste Diversion

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10. Any Other Items

11. By-Laws

A) 10-2016 - By-Law to Authorize the Execution of an Agreement between the Essex-Windsor Solid Waste Authority and Mill-Am Corporation for the Replacement and Repair of Asphalt at Essex-Windsor Transfer Station #2. 27

B) 11-2016 - Being a By-Law to Confirm the Proceedings of the Meeting of the Board of the Essex-Windsor Solid Waste Authority 28

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Tuesday, November 1, 2016 – **2017 Budget Deliberation**

13. Adjournment



Essex-Windsor Solid Waste Authority Regular Board Meeting Minutes

Meeting Date: Wednesday, August 24, 2016
Time: In-Camera Session 4:15PM
Regular Session 4:30PM
Location: Essex County Civic and Education Centre – Meeting Room C
360 Fairview Avenue West, Essex Ontario

Attendance:

Board Members:	Ken Antaya	County of Essex
	Ron McDermott	County of Essex
Vice Chair	Hilda MacDonald	County of Essex
	Tom Bain	(Ex-Officio) County of Essex
	Rino Bortolin	City of Windsor
	Ed Sleiman	City of Windsor
Chair	Hilary Payne	City of Windsor
	Jo-Anne Gignac	City of Windsor
Absent:	Drew Dilkens	(Ex-Officio) City of Windsor
	Fred Francis	City of Windsor
EWSWA Staff:	Eli Maodus	General Manager
	Michelle Bishop	Manager of Finance and Administration
	Cameron Wright	Manager of Waste Diversion
	Katherine Hebert	Executive Secretary
	Ralph Reiser	Manager of Waste Disposal
County of Essex Staff:	None Present	
City of Windsor Staff:	Natasha Couvillon	Manager of Performance Measurement and Financial Administration (Public Works)
	Anne Marie Albidone	Manager of Environmental Services

1. In-Camera Session – 4:15 PM

2. Call to Order

The Chair called the meeting to order at 4:30 PM.

3. Declaration of Pecuniary Interest

The Chair called for any declarations of pecuniary interest. The Chair expressed that should a conflict of a pecuniary nature or other arise at any time during the course of the meeting that it would be noted at that time.

4. Approval of the Minutes

A) July 5, 2016 Regular Meeting Minutes

Moved By Tom Bain
Seconded By Ken Antaya
THAT the Minutes from the Essex-Windsor Solid Waste Authority regular meeting, dated July 5, 2016 be approved and adopted.

**-Carried Unanimously
45-2016**

5. Business Arising from the Minutes

There were no items arising from the Minutes.

6. Correspondence

A) Letter from City of Windsor RE: 2017 EWSWA Budget

The General Manager discussed the letter from the City of Windsor which was a request to maintain the Authority budget at current year levels for 2017. He noted that the same basic letter has been sent to the Authority for the past several years.

Moved By Ken Antaya
Seconded By Joanne Gignac
THAT the letter from the City of Windsor regarding the 2017 Authority budget be received, filed and referred to Budget deliberations.

**-Carried Unanimously
46-2016**

7. Delegations

There were no delegations present.

8. Finance and Administration

A) January to June – Six Month Financial Report

The Manager of Finance and Administration discussed the report on page 12 of the agenda package. The January to June Six Month Financial Report ultimately outlines a favourable financial position for the Authority of \$484,000. This is a result of multiple factors including a greater than estimated ICI Refuse Landfilled Revenue amount of \$705,100 which can be attributed to the Gordie Howe Bridge Early Works Project. The other large revenue variance is Product Stewardship Funding which is the amount of money provided to the Authority to operate the Blue Box Program. That amount is \$131,900. The expenditures have been higher in some instances as they relate to Regional Landfill Compensation which was over the budgeted amount by \$202,400 due to the additional landfilled material, other various increases, higher than estimated repairs and maintenance of equipment which totalled \$40,500 higher than budgeted as well as to higher than expected costs of managing the organics program which can be attributed to the weather impacting excessive growth of vegetation and thus creating larger volumes of yard waste to manage. These major items, coupled with other less notable variances have resulted in the current position.

The Manager of Finance and Administration advised the Board that this information will be provided to the Board in greater detail as part of the 2017 Budget Document at the November Board meeting.

Ms. Gignac questioned whether all landfills in Ontario are subject to the paying of compensation to the area residents and host municipality.

The General Manager indicated that although he cannot say with certainty that all landfills pay compensation, he knows that it is very common to pay compensation to the host municipality. Further research would be needed to determine the answer to the question completely regarding compensation payable to individual property owners in the vicinity of landfills.

Moved By Tom Bain

Seconded By Ed Sleiman

That the Board receive the January to June Six Month Financial Report as information.

**-Carried Unanimously
47-2016**

9. Waste Disposal

A) Request for Proposals for the Purchase of One Landfill Compactor and Service Contract

The Manager of Waste Disposal noted that the report outlines the process and thorough analysis undertaken by Administration resulting from the Request for Proposals (RFP) for the Supply and Service of one Landfill Compactor. Administration is recommending the purchase of an 836K Landfill Compactor through Toromont CAT with a 5 year service contract.

The Manager of Waste Disposal indicated that the recommended compactor has a gross weight of 55 tonnes which will contribute in the efficient compaction of waste.

He further noted that the RFP closed on July 12, 2016 and there were two submissions at that time, one from Toromont CAT and the other from Nortrax. Two submissions is not uncommon or unexpected as within the contract specifications there is a requirement for the successful company to have a local service garage. A thorough analysis of the options specified for the service contract, it was decided that the optimal service contract length would be a 5 year term, which coincides with the optimal resale value of the compactor through the same contractor. When comparing both RFP submissions it was determined that although both suppliers had a good piece of equipment, the cost overall for the machine and service contract was significantly less with Toromont CAT.

Mr. Bortolin questioned whether this amount was in the budget and where does the Authority acquire the \$1.2 million?

The Manager of Finance and Administration indicated that there is an equipment replacement reserve in place that is exactly for the purchase of machinery and heavy equipment. Some Authority assets are on a replacement cycle schedule for which funds are set aside in the Equipment Replacement Reserve. The reserve has a balance of approximately \$6 million.

Mr. Sleiman questioned whether the \$6 million in the reserve was earmarked for all the assets or just for heavy equipment?

The Manager of Finance and Administration indicated that the reserve is for a wide variety of capital assets.

Mr. Sleiman questioned where the machine is manufactured and how long is the life of such a machine.

The Manager of Waste Disposal indicated that the machine is made in the United States. He noted that the landfill compactor will run for approximately 2,200 hours per year at the Authority site. At the end of 5 years, the Authority has worked in a guaranteed buy back with the supplier.

Mr. Sleiman questioned whether a lease was considered.

The Manager of Waste Disposal indicated that lease options were historically researched and were not a good option financially. Leasing is more costly to the Authority.

Moved By Ken Antaya

Seconded By Ron McDermott

That the board approve the acquisition of a Caterpillar 836K landfill compactor from Toromont CAT at a pre-tax price of \$1,199,500 plus a 5 year service contract at a pre-tax rate of \$24.12 per machine hour from Toromont CAT, and; That the Board authorize the execution of an agreement between the Essex-Windsor Solid Waste Authority and Toromont CAT to this regard.

**-Carried Unanimously
48-2016**

10. Waste Diversion Issues

A) Update on Plastic Bags and Recycling Operations

The Chair noted that the Manager of Waste Diversion would speak to the report, but first questioned him as to why the Authority is not mandating the ban on the use of plastic bags.

The Manager of Waste Diversion compared the banning of the use of plastic bags to the mandated use of hard-sided containers for waste by the City of Windsor. For the latter, City residents must comply, and use the hard-sided containers or cease having their garbage collected. For recycling, if the Authority bans the use of plastic bags, and ceases to collect recycling that has plastic bag contamination, then residents will cease to recycle. There is no mandatory recycling by-law or regulation which compels any resident of Windsor or Essex County to recycle at all. When there is no choice, one must follow the rules. There is nothing compelling people to recycle except for the will to do it. There is no municipality in Ontario that has the mandatory recycling rule, as it seems very difficult to enforce. The program in Essex-Windsor was not designed to accept plastic bags or accept materials contained in plastic bags. Essex-Windsor has a two stream program which requires the separation and segregation of containers and fibre products, and there is no piece of equipment at the facilities that will tear open the larger contents bags nor the smaller shopping bags that people are still using. There are other municipalities in Ontario that are experiencing problems with plastic bags as the Authority is in Essex-Windsor.

The Chair questioned whether public education exercises have been having any impact on the cessation of the use of plastic bags at all?

The Manager of Waste Diversion noted that the Authority is noticing marginal changes, but without a thorough audit of the system it would be difficult to assess whether the communications have had an impact on participation and compliance. The Authority has to be cautious as it addresses the issue of plastic bag contamination, so as to not discourage the good recycling behaviours with the bad. Further public education and process modification in the plants could make the plastic bags more manageable. He noted that especially in the case of ICI customers, the Authority actually condones the use of plastic bags as liners of large carts at schools and other institutions which would otherwise not have sufficient containers to sustain their programs. A large portion of the bags received at the centres are related to that. The most significant problem is related to the small grocery bags and other plastic shopping bags which tend to be tied up containing small quantities of cans and bottles or papers and included into the boxes for collection. These bags pose the biggest problem logistically and are extremely labour intensive to address.

Ms. Gignac questioned whether identified problem properties, in particular within the ICI category could be approached with a resolution that is more direct or some kind of subsidy for additional carts if insufficient space is the issue?

The Manager of Waste Diversion indicated that further discussion on the matter of a more direct approach to particular properties could lead to some results, but the bulk of the issue is the smaller bags.

The Chair questioned whether a pilot project would be in order to experience the results of a 'Bag Ban' and how that would impact the participation in a selected area.

The Manager of Waste Diversion expressed that although it would be possible to undertake a pilot program, it may not produce the desired results and may negatively impact the public relations side of the operations as well.

Moved By Rino Bortolin

Seconded By Hilda MacDonald

THAT the Board receive the report pertaining to Plastic bags and recycling operations as information.

**-Carried Unanimously
49-2016**

B) Bill 151 – Waste Free Ontario Act 2015 (Verbal Report)

The General Manager discussed Bill 151 – Waste Free Ontario Act 2015. He noted that the bill was introduced in 2015 and is now called Bill 151 – Waste Free Ontario Act 2016. It is anticipated that the Bill will be proclaimed in the fall of 2016.

The goal of Bill 151 is to extend producer responsibility to include the full cost of the management of their products from the production to the end of life of the products. This

action could result in many things, one being increased funding for municipalities to manage these products through recycling channels.

The General Manager indicated that legislative details are not available at this time, as they have not been prepared by the MOECC. There will likely be some sort of 'diversion targets' for producers and then regulations to be implemented to comply with those targets. AMO and the municipalities will have discussions on forward action. There is some discussion that producers will have to implement access to recycling in all geographic locations so to be inclusive of all municipalities and not only the larger, easy to reach markets. There is also discussion with regard to a list of designated materials, a list that is currently 30 years old. Negotiations with the producers are still required and there is considerable work yet to be done. AMO will have information sessions later this year. The province wants municipalities to continue delivering the services. It is still in the early stages.

Moved By Ed Sleiman

Seconded By Ron McDermott

THAT the Board receive the report pertaining Bill 151 – Waste Free Ontario Act 2015 as information.

**-Carried Unanimously
50-2016**

11. Any Other Business

There was no other business raised.

12. By-Laws

A) 08-2016 Being a By-Law to authorize the execution of an agreement between Toromont CAT and the Essex-Windsor Solid Waste Authority for the Purchase of one landfill contractor and service contract with a term of 5 years.

Moved By Hilda MacDonald

Seconded By Joanne Gignac

THAT 08-2016 -Being a By-Law to authorize the execution of an agreement between Toromont CAT and the EWSWA be given three readings and be adopted this 24th day of August 2016.

**-Carried Unanimously
51-2016**

B) 09-2016 – Being a By-Law to Confirm the Proceedings of the Meeting of the Board of the Essex-Windsor Solid Waste Authority

Moved By Tom Bain

Seconded By Ron McDermott

THAT 09-2016 – Being a By-Law to Confirm the Proceedings of the Meeting of the Board of the Essex-Windsor Solid Waste Authority be given three readings and be adopted this 24th day of August 2016.

**-Carried Unanimously
52-2016**

13. Next Meeting

The next meeting of the Authority is scheduled for September 14, 2016 at 4:30 PM or at the call of the Chair.

14. Adjournment

Moved By Rino Bortolin

Seconded By Hilda MacDonald

THAT the Board stand adjourned at 5:40 PM.

**-Carried Unanimously
53-2016**

All of which is respectfully submitted.

**Hilary Payne
Chair**

**Ilija Maodus
General Manager**



Essex-Windsor Solid Waste Authority Administrative Report

September 27, 2016

To: The Chair and Board of the Essex-Windsor Solid Waste Authority
From: Ralph Reiser, Manager of Waste Disposal
Meeting Date: Tuesday, October 04, 2016
Subject: Tender Award for the Replacement and Repair of Asphalt at Transfer Station #2 in Kingsville

Purpose

The purpose of this report is to advise the Board of the tender prices received for the Replacement and Repair of Asphalt at Essex-Windsor Solid Waste Authority Transfer Station #2 in Kingsville and to recommend that the contract be awarded to Mill-Am Corporation.

Discussion

The above noted tender was emailed to a list of contractors, posted with the Windsor Construction Association and the Lambton Area Builders Exchange and was posted on the EWSWA website as well as with <https://www.biddingo.com/> and <https://www.merx.com/>. The tender closed on Tuesday September 27, 2016. On that date the Authority's General Manager and Finance Manager administered the public opening of the tenders received. Tenders were received as follows:

Contractor	Replacement Price Excluding HST	Repair Price Per Square Meter Excluding HST
Mill-Am Corporation	\$66,990	\$43.50
Coco Paving Inc.	\$79,750	\$75.00

It is unknown, until the contractor begins the project, as to what the cost will be for the repairs component of this undertaking. It is estimated that the sum of the replacement and repairs components will not exceed the \$100,000 budgeted figure described in the next section of this report.

Budget Impact

The 2016 budget included an amount of \$100,000 as the total project amount which funds will come from the Equipment and Other Assets Replacement Reserve.

Recommendation

That the tender price of \$68,169 including 1.76% HST plus \$44.2656 per square meter including 1.76% HST, submitted by Mill-Am Corporation for the Replacement and Repair of Asphalt at Essex-Windsor Solid Waste Authority Transfer Station #2 be accepted by the Authority; and, that the Board authorize the execution of an agreement between the Essex-Windsor Solid Waste Authority and Mill-Am Corporation to this regard.

Submitted By

Ralph Reiser, Manager of Waste Disposal



Ilija Maodus, General Manager



Essex-Windsor Solid Waste Authority Administrative Report

September 27, 2016

To: The Chair and Board of the Essex-Windsor Solid Waste Authority
From: Ilija Maodus, General Manager
Meeting Date: Tuesday, October 04, 2016
Subject: Large Renewable Energy Procurement Process Ended by Province

Purpose

The purpose of this report is to advise the Board that the process known as Large Renewable Procurement (LRP) which was initiated by the Province back in late 2013 and early 2014 to competitively procure energy projects generally larger than 500 kilowatts was ended on September 27, 2016.

Background

The LRP process sought to engage in contracts with providers of energy generated by wind, solar, waterpower, biomass and landfill gas.

The Board will recall that back in 2014 the Authority submitted an application for a 2-3 megawatt project which would have served to convert the Regional Landfill's methane gas to electricity. The application was not accepted and in fact no other landfill gas project from across the project was accepted.

Discussion

Attached to this report is two pieces of communication from the Province. The reason for the suspension of the LRP process appears to be one of cost saving.

As far as the management of the Regional Landfill's gas is concerned it will continue to be collected and "flared" in the appropriate manner so as to minimize its impact on the environment. Currently the gas is being collected in pipes and then "flared" to the atmosphere. This flaring process converts the methane to carbon dioxide resulting in the reduction of greenhouse gas. Therefore the Authority is managing the landfill gas in the most environmentally appropriate manner with today's technology.

Recommendation

For the information of the Board.

Submitted By

Ilija Maodus, General Manager

Attachment:

- Ontario Suspends Large Renewable Energy Procurement
- Actions to Reduce Energy Costs

Ontario Suspends Large Renewable Energy Procurement

Decision Will Reduce Electricity Costs for Consumers

September 27, 2016 9:00 A.M.

Ontario will immediately suspend the second round of its Large Renewable Procurement (LRP II) process and the Energy-from-Waste Standard Offer Program, halting procurement of over 1,000 megawatts (MW) of solar, wind, hydroelectric, bioenergy and energy from waste projects.

This decision is expected to save up to \$3.8 billion in electricity system costs relative to Ontario's 2013 Long-Term Energy Plan (LTEP) forecast. This would save the typical residential electricity consumer an average of approximately \$2.45 per month on their electricity bill, relative to previous forecasts. No additional greenhouse gas emissions are being added to the electricity grid.

On September 1, 2016, the Independent Electricity System Operator (IESO) provided the Minister of Energy with the Ontario Planning Outlook, an independent report analyzing a variety of planning scenarios for the future of Ontario's energy system. The IESO has advised that Ontario will benefit from a robust supply of electricity over the coming decade to meet projected demand.

Informed by the Ontario Planning Outlook, consultations and engagements will begin this fall with consumers, businesses, energy stakeholders and Indigenous partners regarding the development of a new Long-Term Energy Plan, which is scheduled to be released in 2017. As part of this plan, Ontario remains committed to an affordable, clean and reliable electricity system, including renewables.

Ontario has established itself as a North American leader in clean energy development, attracting billions of dollars in private sector investment and generating over 42,000 jobs in the clean technology sector. The province has about 18,000 MW of wind, solar, bioenergy and hydroelectric energy contracted or online and the electricity supply is now over 90 per cent emissions-free.

Responsible management of Ontario's electricity system is part of the government's economic plan to build Ontario up and deliver on its number-one priority to grow the economy and create jobs. The four-part plan includes helping more people get and create the jobs of the future by

expanding access to high-quality college and university education. The plan is making the largest investment in hospitals, schools, roads, bridges and transit in Ontario's history and is investing in a low-carbon economy driven by innovative, high-growth, export-oriented businesses. The plan is also helping working Ontarians achieve a more secure retirement.

QUOTES

" Over the course of the last decade, Ontario has rebuilt our electricity system and secured a strong supply of clean power. Our decision to suspend these procurements is not one we take lightly. This decision will both maintain system reliability and save up to \$3.8 billion in electricity system costs relative to the 2013 LTEP forecast. The typical residential electricity consumer would save an average of approximately \$2.45 per month on their electricity bill, relative to previous forecasts. As we prepare for a renewed LTEP, we will continue to plan for our future and ensure Ontario benefits from clean, reliable and affordable power for decades to come."

- Glenn Thibeault
Minister of Energy

QUICK FACTS

- Ontario's new LTEP will be guided by a number of strategic themes including greenhouse gas reductions, innovation, grid modernization, conservation and energy efficiency, renewable energy, distributed energy and continued focus on energy affordability for homes and businesses.
- At the end of 2015, Ontario's installed wind capacity represented almost 40 per cent of all installed wind capacity in Canada.
- Ontario is home to more than 99 per cent of all installed solar photovoltaic capacity in Canada.
- Ontario successfully eliminated coal-fired electricity generation in 2014, the single largest greenhouse gas emissions reduction action in North America.

LEARN MORE

- [Ontario Planning Outlook](#)
- [Ontario's Long-Term Energy Plan](#)

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Actions to Reduce Energy Costs

September 27, 2016 9:00 A.M.

Ontario has taken action to reduce electricity costs for families, farms and businesses, while continuing to ensure they have a clean, reliable supply of electricity. Actions taken so far include:

- Renegotiating the Green Energy Investment Agreement (GEIA) with Samsung, reducing contract costs by \$3.7 billion.
- Deferring the construction of two new nuclear reactors at Darlington, avoiding an estimated \$15 billion in new construction costs.
- Maximizing the value of our existing nuclear fleet by starting Bruce refurbishments in 2020, instead of 2016, thus helping to achieve \$1.7 billion in savings relative to the 2013 Long-Term Energy Plan (2013 LTEP) forecast and by continuing to operate Pickering up to 2024, pending regulatory approvals, which could save ratepayers as much as \$600 million.
- Reducing Feed-In Tariff (FIT) prices through annual price reviews, saving ratepayers at least \$1.9 billion.
- Introducing legislation that would, if passed, reduce most electricity bills in Ontario by 8 per cent, an amount equal to the provincial portion of the Harmonized Sales Tax, beginning January 1, 2017.
- Providing more savings through the Rural or Remote Electricity Rate Protection program. Together, the 8 per cent rebate and the enhanced RRRP will provide eligible rural customers with a monthly savings of about 20 per cent, or \$45 per month.
- Introducing the Ontario Electricity Support Program for low-income families. Qualifying households see a reduction of up to \$50 per month on their electricity bill.
- Removing the Debt Retirement Charge for all residential customers, saving the typical ratepayer \$5.60 per month.
- Introducing strong competition between developers of large renewable projects through the Large Renewable Procurement (LRP) process to drive down price and secure clean, reliable generation for the province. As a result of lower prices and revised procurement schedules, LRP I costs were approximately \$1.5 billion lower than the 2013 LTEP forecast. This would save the typical residential electricity consumer an average of approximately \$0.56 per month on their electricity bill, relative to previous forecasts.
- Suspending the second round of the Large Renewable Procurement (LRP II) process and the Energy-from-Waste Standard Offer Program is expected to save up to \$3.8 billion in costs relative to the LTEP 2013 forecast. This would save the typical residential electricity consumer an average of approximately \$2.45 per month on their electricity bill, relative to previous forecasts. As the cost of renewable energy is anticipated to continue to decline, suspending the LRP II procurement would allow for further cost reductions when renewable energy is procured.

LEARN MORE

- [Ontario Planning Outlook](#)

- [Ontario's Long-Term Energy Plan](#)

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Essex-Windsor Solid Waste Authority Administrative Report

September 27, 2016

To: The Chair and Board of the Essex-Windsor Solid Waste Authority
From: Ilija Maodus, General Manager
Meeting Date: Tuesday, October 04, 2016
Subject: Premier's Mandate Letter to the Ministry of Environment and Climate Change (MOECC)

Purpose

The purpose of this report is to present to the Board the Premier's mandate letter to the Minister of the Environment and Climate Change The Honourable Glen Murray.

Background

Mandate letters are issued by the Premier to the Province's ministries at various times in order to give instructions to the respective Ministers as to the government's priorities.

Attached to this report is the full letter from the Premier to Minister Murray.

Discussion

The section of the Premier's mandate letter which has the most direct bearing on the Authority is the following section which pertains to legislation that has recently received Royal Assent.

"Increasing Waste Diversion

- In accordance with the *Resource Recovery and Circular Economy Act, 2016*, and in consultation with partner ministers, stakeholders, Indigenous partners and the public, finalize and begin to implement the Strategy for a Waste-Free Ontario: Building the Circular Economy. Building a circular economy would also help support our fight against climate change. Begin with consultations on:
 - Developing an Organics Action Plan to divert more organic waste from landfills and to assist in the implementation of the Climate Change Action Plan. A draft plan will be posted for public consultation in 2017 with implementation by spring 2018.

- Ensuring the transition of the blue box program and the revised role of municipalities will not negatively impact Ontarians' experience with and access to blue box services."

The second bullet, pertaining to the blue box recycling program, serves to assure residents that the new legislation will not negatively impact their experience with and access to blue box services.

Recommendation

For the information of the Board.

Submitted By



Ilija Maodus, General Manager

Attachment:

- Premier's Mandate Letter

September 23, 2016

The Honourable Glen Murray
Minister of the Environment and Climate Change
77 Wellesley Street West
11th Floor, Ferguson Block
Toronto, Ontario
M7A 2T5

Dear Minister Murray:

Welcome back to your role as Minister of the Environment and Climate Change. As we mark the mid-point of our mandate, we have a strong and new Cabinet, and are poised to redouble our efforts to deliver on our top priority — creating jobs and growth. Guided by our balanced plan to build Ontario up for everyone, we will continue to work together to deliver real benefits and more inclusive growth that will help people in their everyday lives.

We embark on this important part of our mandate knowing that our four-part economic plan is working — we are making the largest investment in public infrastructure in Ontario's history, making postsecondary education more affordable and accessible, leading the transition to a low-carbon economy and the fight against climate change, and building retirement security for workers.

Building on our ambitious and activist agenda, and with a focus on implementing our economic plan, we will continue to forge partnerships with businesses, educators, labour, communities, the not-for-profit sector and with all Ontarians to foster economic growth and to make a genuine, positive difference in people's lives. Collaboration and active listening remain at the heart of the work we undertake on behalf of the people of Ontario — these are values that ensure a common purpose, stimulate positive change and help achieve desired outcomes. With this in mind, I ask that you work closely with your Cabinet colleagues to deliver positive results on initiatives that cut across several ministries, such as our Climate Change Action Plan, Business Growth Initiative, and the Highly Skilled Workforce Strategy. I also ask you to collaborate with the Minister Responsible for Digital Government to drive digital transformation across government and modernize public service delivery.

We have made tangible progress and we have achieved the following key results:

- Reintroduced and passed a strengthened *Great Lakes Protection Act, 2015*, designed to give the province new tools to protect watersheds, beaches, wetlands and coastal areas.
- Put in place an Ontario cap and trade program which will limit greenhouse gas emissions, reward innovative companies and create more opportunities for investment in Ontario.
- Introduced and passed the *Climate Change Mitigation and Low-carbon Economy Act, 2016*, which makes the government accountable for responsibly and transparently investing every dollar from the cap and trade program into actions that reduce greenhouse gas pollution, create jobs, and help people and businesses become more climate conscious.

- Released Ontario's first Climate Change Action Plan, building on our Climate Change Strategy, which describes the actions we will take over the next five years to fight climate change, reduce greenhouse gas pollution and help move us to a prosperous low-carbon economy.
- Initiated our early actions through the \$325-million Green Investment Fund, which commits money for projects that fight climate change.
- Introduced and passed the *Waste-Free Ontario Act, 2016*, and releasing a draft strategy for a Waste-Free Ontario: Building the Circular Economy.

Your mandate is to work on protecting, restoring and enhancing the environment to ensure public health and environmental quality. Your specific priorities include:

Leading the Fight Against Climate Change

- Working with partner ministries, stakeholders, Indigenous partners and the public, oversee the implementation of Ontario's first five year plan to fight climate change, reduce greenhouse gas pollution and transition to a low-carbon economy. To ensure continued progress, initial programs and policies from the Climate Change Action Plan should be in place by 2017.
- Building on the successes of establishing an interim greenhouse gas reduction target for 2030, continue to address climate change and move towards our government's greenhouse gas reduction targets for 2020, 2030 and 2050.

Cap and Trade Carbon Market

- Continuing to implement a cap and trade carbon market, with the first auction to occur in March 2017.
- Beginning the process of linking Ontario's cap and trade program with markets in Québec and California, while working with other jurisdictions to determine their interest in joining the regulatory fee-based carbon market operating through the Western Climate Initiative.
- Working with stakeholders, Indigenous partners, partner ministries and other Western Climate Initiative jurisdictions to develop a robust set of compliance offsets that include Ontario-based compliance offsets. In addition, develop a quality, branded, voluntary offset class for use by government and the private sector for the purpose of further greening covered sectors.
- Immediately beginning work with stakeholders, Indigenous partners, partner ministries and other Western Climate Initiative jurisdictions on a cap and trade program design for 2020 and beyond.
- Continuing to work with the federal government and advocate for a pan-Canadian approach to pricing carbon that respects effective provincial carbon pricing and puts a priority on greenhouse gas emissions reductions. Advocate that guaranteed carbon emission reductions should be the foundational principle in developing a pan-Canadian approach to carbon pricing. In these discussions with our federal partner, you will also advocate for the creation of border carbon adjustments to address carbon leakage concerns.

Climate Change Action Plan

- Establishing an organization, referred to in the action plan as a green bank, that will help achieve greenhouse gas reductions in homes, business and industry with an emphasis on providing clients with end to end support to deploy readily available technology such as geothermal, solar PV, solar thermal and energy storage. Work with stakeholders to determine the best model for service delivery with a goal of having the organization operational in 2017.
- Consistent with the requirements of the *Climate Change Mitigation and Low-carbon Economy Act, 2016*, ensuring regular and transparent progress reporting on the Climate Change Action Plan and the use of cap and trade proceeds from the Greenhouse Gas Reduction Account.
- Continuing engagement to develop greenhouse gas reduction initiatives with Indigenous partners through working tables that allow for consideration of unique regional challenges and circumstances.
- Continuing to support the government in ensuring climate change mitigation and adaptation are taken into account in the government decision-making process. This will include both greenhouse gas impact analyses for government policies, legislation and regulations, as well as adaptation considerations for public infrastructure investments and government procurement decisions.
- Working with the Minister of Energy in the development of the next Long Term Energy Plan (LTEP) to facilitate alignment with Ontario's Climate Change Action Plan and our 2020 and 2030 greenhouse gas emissions reduction targets. The LTEP will be guided by a number of strategic themes including greenhouse gas reductions, innovation, energy storage consumer choice and control, conservation, renewable energy, and continued mitigation of energy prices for homes and businesses.

Adapting to the Effects of Climate Change

- Working with partner ministers, stakeholders and Indigenous partners, develop a Climate Change Adaptation Plan for Ontario that sets out priorities and actions Ontario will take to adapt to the effects of climate change.

Protecting Water and the Great Lakes

- Continuing to implement the *Great Lakes Protection Act, 2015*, and work with partner ministries, stakeholders, Indigenous partners and the public to develop a draft Lake Erie Action Plan in 2017 that will move us towards our target to reduce phosphorus levels in Lake Erie by 40 per cent.
- Continuing to engage local communities in clean-up and restoration efforts, including through the Great Lakes Guardian Community Fund.
- Working with partners to increase scientific understanding and traditional ecological knowledge of the Great Lakes.
- Remaining vigilant on the sustainability of the Great Lakes by continuing to implement the Great Lakes-St. Lawrence River Basin Sustainable Water Resources Agreement and monitoring and regulating intra-basin transfers.

- Continuing to work with the federal government on the implementation of the Canada-Ontario Agreement Respecting the Great Lakes Basin Ecosystem to protect, restore and improve the ecological integrity of the Great Lakes.
- Working with the Minister of Indigenous Relations and Reconciliation, partner ministries and the federal government to better understand mercury sources in the environment and their potential impacts on Ontario communities.
- Working with the ministers of Economic Development and Growth, Research, Innovation and Science, and Infrastructure, as well as key agencies such as the Ontario Clean Water Agency, continue to promote and identify ways to reduce barriers to innovation, technology deployment, adoption and commercialization of clean water technologies for municipalities and Indigenous communities. This work will include continuing to showcase Ontario's leadership in clean water to other jurisdictions.
- Exploring ways to ensure sustainability remains the top priority for the use of our surface and groundwater. Your work will acknowledge that immediate improvements are needed when it comes to water bottling practices, particularly in the face of climate change, the increasing demand on water resources by a growing population, and concerns about water security. You will report back in fall 2016 on options to reform the regulatory process for permits to take water for water bottling purposes, improve Ontarians' access to refillable water stations in public and private spaces, increase awareness of the rigorous standards municipal water systems must meet to provide the tap water most Ontarians drink, and you will work with the Minister of Finance on pricing options for water takings for bottled water in Ontario.

Increasing Waste Diversion

- In accordance with the *Resource Recovery and Circular Economy Act, 2016*, and in consultation with partner ministers, stakeholders, Indigenous partners and the public, finalize and begin to implement the Strategy for a Waste-Free Ontario: Building the Circular Economy. Building a circular economy would also help support our fight against climate change. Begin with consultations on:
 - Developing an Organics Action Plan to divert more organic waste from landfills and to assist in the implementation of the Climate Change Action Plan. A draft plan will be posted for public consultation in 2017 with implementation by spring 2018.
 - Ensuring the transition of the blue box program and the revised role of municipalities will not negatively impact Ontarians' experience with and access to blue box services.

Modernizing Processes under the Environmental Bill of Rights

- Engaging with the Environmental Commissioner of Ontario and other stakeholders to identify ways to improve the efficiency and effectiveness of consultation, engagement and other processes under the *Environmental Bill of Rights Act* and its registry to ensure

Ontarians can more easily have their voices heard on decisions that may have a significant effect on the environment.

Improving Drinking Water for Indigenous Communities

- Working with Indigenous partners, the ministers of Indigenous Relations and Reconciliation, and Intergovernmental Affairs and the federal government, which is primarily responsible for the provision of safe water on reserves, towards a five year plan to provide First Nation reserves with access to safe drinking water, with a focus on remote communities. The ministers will work with First Nations towards developing measurable, achievable targets to monitor progress. This will include implementing the trilateral working group, consisting of First Nations, the federal government and the Government of Ontario, to help improve the state of drinking water in First Nation communities.

Supporting the Development of the Ring of Fire

- Continuing to work on decisions relating to environmental assessments associated with projects in the Ring of Fire region. You will do so by continuing to work with the ministers of Northern Development and Mines, Indigenous Relations and Reconciliation, Transportation, and Natural Resources and Forestry. This will include ensuring that the regional and cumulative impacts of proposed development are considered, including climate change impacts.

In addition to the priority activities above, I ask that you also deliver results for Ontarians by driving progress in the following areas:

- Continue to oversee the implementation of the Green Investment Fund. These investments are part of the government's plan for securing a healthy, clean and prosperous low-carbon future by transforming the way we live, move, work and adapt to our environment, while ensuring strong, sustainable communities.
- Work with the Great Lakes Guardians' Council, which provides a forum to identify and find solutions to Great Lakes challenges, increase our science and consideration of First Nations and Métis communities' traditional knowledge, and strengthen our shared understanding of the Great Lakes.

As you know, taking action on the recommendations contained in the Truth and Reconciliation Commission report is a priority for our government. That is why we released *The Journey Together*, a document that serves as a blueprint for making our government's commitment to reconciliation with Indigenous peoples a reality. As we move forward with the implementation of the report, I ask you and your fellow Cabinet members to work together, in co-operation with our Indigenous partners, to help achieve real and measurable change for Indigenous communities.

Having made significant progress over the past year in implementing our community hubs strategy, I encourage you and your Cabinet colleagues to ensure that the Premier's Special Advisor on Community Hubs and the Community Hubs Secretariat, at the Ministry of Infrastructure, are given the support they need to continue their vital cross-government work aimed at making better use of public properties, encouraging multi-use spaces and helping communities create financially sustainable hub models.

Responsible fiscal management remains an overarching priority for our government — a priority echoed strongly in our 2016 Budget. Thanks to our disciplined approach to the province's finances over the past two years, we are on track to balance the budget next year, in 2017–18, which will also lower the province's debt-to-GDP ratio. Yet this is not the moment to rest on our past accomplishments: it is essential that we work collaboratively across every sector of government to support evidence-based decision-making to ensure programs and services are effective, efficient and sustainable, in order to balance the budget by 2017–18, maintain balance in 2018–19, and position the province for longer-term fiscal sustainability.

Marathon runners will tell you that an event's halfway mark is an opportunity to reflect on progress made — but they will also tell you that it is the ideal moment to concentrate more intently and to move decisively forward. At this halfway mark of this government's mandate, I encourage you to build on the momentum that we have successfully achieved over the past two years, to work in tandem with your fellow ministers to advance our economic plan and to ensure that Ontario remains a great place to live, work and raise a family.

I look forward to working together with you to build opportunity and prosperity for all Ontarians.

Sincerely,

A handwritten signature in black ink, reading "Kathleen Wynne". The signature is written in a cursive, flowing style.

Kathleen Wynne
Premier



Essex-Windsor Solid Waste Authority Administrative Report

September 28, 2016

To: The Chair and Board of the Essex-Windsor Solid Waste Authority
From: Cameron Wright, Manager of Waste Diversion
Meeting Date: Tuesday, October 04, 2016

Subject: Waste Reduction Week – October 17 to October 23, 2016

Purpose

The purpose of this report is to advise the Board of the events and activities that will be organized by Authority staff in celebration of the 2016 Waste Reduction Week occurring the week of October 17, 2016.

Background

The week of October 17 to October 23 has been declared National Waste Reduction Week across Canada.

Discussion

In celebration of Waste Reduction Week 2016, Authority staff are planning a series of local activities and events to promote waste reduction, reuse and recycling from October 17th to 22nd. The following is a summary of the planned events:

Monday: Residents will be encouraged to take advantage of our Municipal Hazardous and Special Waste (MHSW) Depots and urged to deliver spent household batteries to our facilities. In return they will receive a battery box to assist them in capturing their old batteries for future recycling. Last year's battery day resulted in a 400% increase in daily residential traffic to our MHSW facilities. For the remainder of Waste Reduction Week, the staff at the MHSW depots will continue to provide free battery boxes to users.

Tuesday: The Authority will begin accepting registrations for the launch of its Gold Star Recycling Program. This program is designed to award residents who recycle properly with a free Gold Recycling Box and a chance to win a \$250 gift certificate just in time for Christmas.

Wednesday: Residents will be encouraged to drop off their old electronic items for recycling and in return will be rewarded with a free blue or red box to assist their curbside recycling efforts.

Thursday: Residents will be encouraged to utilize their best waste reduction tip to commemorate Waste Reduction Week and to pass on this information to the Authority via Twitter, Facebook, or email. Seven winners will be chosen and their ideas will be publicized through social media, Enviro-Tips, and the EWSWA web site.

Friday: Residents who drop off yard waste will receive a free paper yard waste bag and composting information.

Saturday: Residents with confidential or personal documents will be encouraged to visit the Essex Windsor Recycling Centre where their documents will be shredded for free. They will also be provided with a paper bag into which they can put future shredded material for pick up with their other recyclables.

Recommendation

That the Board receive the report as information.

Submitted By



Cameron Wright, Manager of Waste Diversion

Essex-Windsor Solid Waste Authority

By-Law Number 10-2016

Being a By-Law to Authorize the Execution of an Agreement Between the Essex-Windsor Solid Waste Authority and Mill-Am Corporation For the Replacement and Repair of Asphalt at Transfer Station #2.

Whereas the Essex-Windsor Solid Waste Authority has entered into an Agreement with Mill-Am Corporation For the Replacement and Repair of Asphalt at Transfer Station #2.

Now Therefore the Essex-Windsor Solid Waste Authority enacts as follows:

1. **That** EWSWA hereby approves a contract with Mill-Am Corporation upon and subject to the terms, covenants and conditions contained in the Agreement.
2. **That** the work shall commence upon a mutually agreed date but no later than the end of October 2016. All the construction work must be completed in two working days. On the mutually agreed date the Transfer Station will be closed to all waste traffic so as to allow the successful contractor unrestricted access to the site between the hours of 7:00 am and 7:00 pm.

This By-Law shall take effect upon the final passing thereof.

Hilary Payne
Chair

Ilija Maodus
General Manager

Read a First, Second And Third Time, Enacted and Passed This 4th Day Of October 2016.

Essex-Windsor Solid Waste Authority

By-Law Number 11-2016

Being A By-Law To Confirm The Proceedings Of The Meeting Of The Board Of The Essex-Windsor Solid Waste Authority.

Whereas by Agreement dated 18 May 1994, made between the Corporation of the County of Essex and the Corporation of the City of Windsor, the Essex-Windsor Solid Waste Authority (The Authority) was created as a joint board of management pursuant to Sections 207.5 and 209.19 of the *Municipal Act, RSO 1990, Chapter M.45* and;

Whereas Subsection 5.(3) of the Municipal Act, RSO 2001, Chapter 25, provides that the powers of a municipality shall be exercised by By-Law and;

Whereas Section 1 of the Municipal Act RSO 1990, Chapter M 46 defines a municipality as including a board, commission or other local authority exercising any power with respect to municipal affairs or purposes and;

Whereas it is deemed expedient that the proceedings of the Authority at this meeting be confirmed and adopted by By-Law

Now Therefore the members of the Authority enact as follows:

- 1) The action of the members of the Authority in respect to each recommendation contained in the Report/Reports of the Committees and each motion and resolution passed and other action taken by the members of the Authority at this meeting is hereby adopted and confirmed as if all such proceedings were expressly set out in this by-law.
- 2) The Chair and the proper officials of the Authority are hereby authorized and directed to do all things necessary to give effect to the action of the members of the Authority referred to in the preceding section hereof.
- 3) The Chair and the General Manager of the Authority are authorized and directed to execute all documents necessary in that behalf.

Hilary Payne
Chair

Ilija Maodus
General Manager

Read a First, Second and Third Time, Enacted and Passed This 4th Day of October, 2016.