

Inquiries – September 2020

#	Date Received	Method Received	Comment Details / Description	Response / Remedial Action	Date Responded	Staff Initials
-	-	-	The Regional Municipalities of Durham and York released a Notice of Commencement on July 3, 2019 for the Environmental Screening Process to increase the waste capacity from 140,000 tonnes of waste to 160,000 tonnes of waste per year at the Durham York Energy Centre.	Inquires received through the Environmental Screening Process will be addressed and reported to the MECP through the Record of Consultation for the Project.	-	-
1	September 17, 2020	DYEC Project Email	The idea I want to put forth to assist with the development of Ontario's incinerators is an air filtration system on the exhaust of what is burned. This could be in the form of a greenhouse of plants that would recycle the air and machines to filter the air.	<p>Good Afternoon,</p> <p>This email is in response to your suggestion received on September 17, 2020 regarding the use of a plant-based air filtration system to treat the flue gas at energy to waste facilities.</p> <p>While the Durham York Energy Centre (DYEC) does not have a greenhouse on site, we do have a robust air pollution control system to treat the flue gas prior to exiting the stack. I have included a brief overview of the air pollution control system at the facility below.</p> <p>Air pollution control at the facility starts with waste management in the pit. Waste at the facility is unloaded and stored indoors. Air in the tipping hall is drawn through large fans and used in the combustion process during normal operations. This ensures the tipping hall remains under negative air pressure to contain any dust and odours generated during the delivery and storage process. By using the air from the tipping floor during combustion, the odour causing compounds are destroyed through the combustion process prior to reaching the stack. An automated combustion control system, overseen by well-trained operators with standardized procedures, ensures continuous and safe operations. Next, a selective non-catalytic reduction system and a Very Low NOx combustion system control nitrogen oxides in the combustion chamber. Flue gas is then treated in a dry recirculation scrubber system—which controls acid gases, dioxins and furans, and heavy metals by injecting hydrated lime and activated carbon. A</p>	September 19, 2020	DL/AP

			<p>baghouse that employs thousands of filter bags captures any particulate matter that remains.</p> <p>The advanced technology used at the DYEC reduces emissions to levels that are fully protective of human health and the environment. Continuous emission monitoring systems operate 24 hours a day to ensure compliance with emissions standards that are equal to or more stringent than any in North America or the European Union.</p> <p>You may also be interested in visiting our Project Website to view DYEC Detailed Virtual Tour and Process Overview for additional information regarding the facility.</p> <p>Thank you for your interest in the Durham York Energy Centre.</p> <p>Regards,</p> <p>DYEC Project Team</p>			
2	September 21, 2020	DYEC Project Email	<p>The Oshawa Waste Management Facility states that it accepts the following items:</p> <p>Appliances Blue box recyclables Cardboard Carpet and underlay Drywall Furniture Garbage Leaf, brush, and yard waste Porcelain bathroom fixtures Scrap metal Wood</p> <p>Clearly, some items on this list burn, or can be incinerated, and some cannot.</p> <p>Question: Of the items that burn, for example, Carpet and underlay, Furniture, Garbage, and Wood, is it your regular practice and procedure to send/transfer</p>	<p>Good Afternoon,</p> <p>Thank you for your inquiry dated September 21, 2020 regarding waste disposal at the Durham York Energy Centre (DYEC).</p> <p>The DYEC is Durham Region's primary long-term disposal option for waste. Durham Region delivers up to 110,000 tonnes of garbage/year and York Region 30,000 tonnes of garbage/year. The DYEC only processes the household waste remaining after Durham Region's and York Region's aggressive composting, recycling and reuse programs. This non-hazardous household waste can come from both curbside black bag garbage and non-hazardous/non-divertible garbage received at the public drop-off depots. Waste materials at Durham Region's Waste Management Facilities are collected in designated bins, and where possible, diverted from the DYEC for recycling. From the list you provided of materials accepted at the Oshawa WMF, appliances, blue box recyclables, cardboard, drywall, leaf, brush, and yard waste, porcelain bathroom fixtures, scrap metal and wood are diverted from the DYEC. As for most</p>	September 26, 2020	DL, SD, AE

			<p>these items to the DYEC for incineration? Are such items ever landfilled for any reason?</p>	<p>furniture, it could be classified as wood and/or regular waste. Carpet and underlay, most furniture and garbage are sent to the DYEC for final disposal.</p> <p>There are times when waste will be sent to landfill. Bypass waste (waste diverted away from the DYEC for alternative disposal) may be the result of planned or unplanned outages, as well as capacity constraints. The Environmental Compliance Approval for the DYEC currently allows the facility to process up to a maximum of 140,000 tonnes per year of waste for disposal at the site. The Regions are proposing to increase this amount by 20,000 tonnes per year for a total of 160,000 tonnes. The facility is capable of processing 160,000 tonnes per year with its current equipment and is currently being underutilized despite demand for additional waste disposal capacity for residential waste within the Regions. If approved, the expanded tonnage will allow for greater usage of the existing facility, reducing the reliance on alternate waste disposal facilities outside the Regions' borders. In addition, Durham Region is planning a new Mixed Waste Pre-sort and Anaerobic Digestion (AD) Facility that will convert organic waste into a renewable natural gas. It is anticipated that the AD and presort could divert up to approximately 30 per cent of Durham Region's waste and postpone the need to expand the DYEC to 250,000 tonnes per year. Continued growth within the Regions is the primary driver for longer term capacity requirements.</p> <p>Please let us know if you have any additional questions.</p> <p>Regards,</p> <p>DYEC Project Team</p>		
3	September 28, 2020	DYEC Project Email	<p>Good afternoon,</p> <p>I'm looking to finding an approximate pricing chart for waste to be incinerated.</p> <p>We're currently looking for an end-user of waste from a client that is both cost effective and an over GHG net reducer.</p> <p>Please feel free to reach out via email or by phone with your rates.</p>	<p>Good Morning,</p> <p>This email is in response to your inquiry sent on September 28, 2020 regarding the cost of disposal at the Durham York Energy Centre.</p> <p>The Durham York Energy Centre is Durham Region's primary long-term disposal option for waste and only</p>	September 30, 2020	DL

				<p>processes the household waste remaining after Durham and York Regions' aggressive composting, recycling and reuse programs. Our Certificate of Approval does not allow us to accept waste from any additional outside sources. As a result, we are unable to take any materials from your business for disposal at this time.</p> <p>Please let us know if you have any additional questions.</p> <p>Regards, DYEC Project Team</p>		
4	September 28, 2020	DYEC Project Email	<p>Would it be possible to include a reference to my carbon monoxide safety guide on your site's page.</p> <p>The guide: https://www.akhomeshow.com/carbon-monoxide-safety.php</p> <p>Your site's page: https://www.durhamyorkwaste.ca/EmissionsData/EmissionsInfo.aspx</p> <p>I thought this might be a helpful resource for people that are living on their own or even starting a business for the first time, so I just wanted to make sure that it had been seen.</p> <p>If possible, could you direct me to the person I should contact for this request? Thank you for your time.</p> <p>Just wanted to reiterate what I said in my first email: With current events, I know this might be the last thing on your mind right now. If this isn't the right time, I could follow-up with you in the future.</p>	<p>Good Morning,</p> <p>This email is in response to your inquiry sent on September 28, 2020, with a follow-up on October 6, 2020, regarding the inclusion of a reference to your carbon monoxide safety guide on our Durham York Energy Centre (DYEC) project website.</p> <p>We appreciate your efforts to inform the public about the potential health and safety concerns regarding carbon monoxide in the home. Unfortunately, we are unable to reference or endorse your carbon monoxide safety guide on our DYEC project website. The DYEC website is limited to information pertaining to the DYEC project and specific subject matter.</p> <p>Please let us know if you have any additional questions.</p> <p>Regards, DYEC Project Team</p>	October 9, 2020	DL/AE

Total Inquiries – September 2020

Inquiry Type	Total by Inquiry Type
Total Project Team Inquiries received this month by project web email / telephone:	4
Total Covanta Inquiries received this month:	0
Total Durham Region Council / Committee Inquiries received this month:	0
Total Durham Region Call Centre Inquiries received this month:	0
Total Inquiries received from York Region this month:	0
Total Inquiries received from previous months in 2020 to-date:	18
Total Inquiries received in 2020 to-date:	22

Complaints – September 2020

#	Date Received	Method Received	Comment Details / Description	Response / Remedial Action	Date Responded	Staff Initials
-	-	-	The Regional Municipalities of Durham and York released a Notice of Commencement on July 3, 2019 for the Environmental Screening Process to increase the waste capacity from 140,000 tonnes of waste to 160,000 tonnes of waste per year at the Durham York Energy Centre.	Complaints received through the Environmental Screening Process will be addressed and reported to the MECP through the Record of Consultation for the Project.	-	-

Total Complaints – September 2020

Complaint Type	Total by Complaint Type
Total Project Team Complaints received this month by project web email / telephone:	0
Total Covanta Complaints received this month:	0
Total Durham Region Council / Committee Complaints received this month:	0
Total Durham Region Call Centre Complaints received this month:	0
Total Complaints received from York Region this month:	0
Total Complaints received from previous months in 2020 to-date:	8
Total Complaints received in 2020 to-date:	8