

Inquiries - September 2019

#	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 MECF through the Record of Consultation for the Project.	-	-																
1	September 5, 2019	DYEC Project Email	<p>Hello,</p> <p>Would it be possible to provide ballpark information regarding the project costs, estimated energy savings, and estimated GHG reduction for the waste energy recovery with combined heat and power technologies in the Durham York Energy Centre? Any info that you can provide is appreciated.</p> <p>Kind Regards</p>	<p>Good Morning,</p> <p>This email is in response to your inquiry send to the Durham York Energy Centre on September 5, 2019 regarding project costs, estimated energy savings, and estimated GHG reduction for the waste energy recovery with combined heat and power technologies in the Durham York Energy Centre.</p> <p>Capital Costs:</p> <p style="text-align: center;">DYEC Capital Costs</p>  <table border="1"> <thead> <tr> <th>COST</th> <th>TOTAL</th> <th></th> </tr> </thead> <tbody> <tr> <td>Capital Construction Payment</td> <td>\$243,990,000</td> <td rowspan="2">• Durham Region's Contribution – 78.6%</td> </tr> <tr> <td>Architectural Enhancements</td> <td>\$9,000,000</td> </tr> <tr> <td>subtotal</td> <td>\$252,990,000</td> <td rowspan="2">• York Region's Contribution – 21.4%</td> </tr> <tr> <td>Site Servicing, Utilities, Consulting and HCA</td> <td>\$42,190,000</td> </tr> <tr> <td>TOTAL COST</td> <td>\$295,180,000</td> <td></td> </tr> </tbody> </table> <p>Operational Costs:</p> <p style="text-align: center;">DYEC Operating Costs</p>  <ul style="list-style-type: none"> • 2017 Estimated Covanta Operating Fee \$15.99 million • Non-Covanta operating costs ~ \$1.47 million • Estimated property taxes \$0.81 million • Estimated electricity revenue generation \$8.7 million • Estimated revenue for ferrous and non-ferrous metals ~\$650,000 • NET ANNUAL OPERATING COST ~ \$9 million 	COST	TOTAL		Capital Construction Payment	\$243,990,000	• Durham Region's Contribution – 78.6%	Architectural Enhancements	\$9,000,000	subtotal	\$252,990,000	• York Region's Contribution – 21.4%	Site Servicing, Utilities, Consulting and HCA	\$42,190,000	TOTAL COST	\$295,180,000		November 25, 2019	DL/AE/GA
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				<p>Estimated Energy Savings:</p> <p>The DYEC generates approximately 17.5 MW of gross electrical energy (14-15 MW of net) on a continuous basis. Approximately 2.5 MW of electricity is considered parasitic load and is used for inhouse power, reducing the DYEC reliance on power purchased from the provincial grid.</p> <p>Heat Utilization</p> <p>In addition to electricity produced by the system, heat is used from the process as preheat for the waste to be fed to the facility. The DYEC turbine generator allows for the extraction of steam for use in a district heating systems. However, there is no business case to proceed with district heating at this time. The Regions are continuing to assess the potential and business case for heat utilization at other local facilities, or within other potential projects.</p> <p>GHG Reduction</p> <p>The following link will bring you to the to DYEC archived documents from the initial EA study. Annex E-5 and the Supplement to Annex E-5 provides a lifecycle analysis, including GHGs.</p> <p>https://www.durhamyorkwaste.ca/Archive/processing_system.htm</p> <p>Please let us know if you have any additional questions or concerns.</p> <p>Regards, DYEC Project Team</p>		
2	September 15, 2019	DYEC Project Email	<p>Hello</p> <p>I am making an effort to reduce bits of blue styrofoam dock floatation on our waterway. I have been picking up parts of blue dock billets each spring and some full billets. So far I have been hauling them to a dump. I am convinced that the dump is not a good solution.</p> <p>I would be more than willing to haul a few van loads of blue styrofoam dock billets to your incinerator every Spring/Summer if you would take them. I am hoping to keep up with removing styrofoam from lakes and rivers wherever I find them.</p>	<p>Good afternoon,</p> <p>This email is in response to your inquiry dated September 15, 2019 regarding disposal of Styrofoam collected from waterways.</p> <p>The Durham York Energy Centre (DYEC) is Durham Region’s primary long-term disposal option for waste and only processes the household waste remaining after Durham and York Regions’ aggressive composting, recycling and reuse programs. Our Certificate of Approval only permits us to take waste</p>	September 20, 2019	DL

			<p>It would be a great help to me, birds, fish and all creatures up the food chain (including humans) if you could accept my styrofoam donations for your incinerator.</p> <p>I look forward to hearing from you!</p>	<p>from residential collection programs within Durham and York Regions and delivered via approved waste haulers.</p> <p>You can take Styrofoam waste to the Regions Waste Transfer stations in Oshawa on Ritson Road, Scugog or Brock townships for disposal. A fee of \$125.00 per tonne will be applied. All residential waste coming into the Region’s transfer stations, that does not have a diversion program, is sent to the DYEC for final disposal.</p> <p>As an alternative, you may consider contacting Emerald Energy From Waste (http://www.emeraldefw.com/overview.php) to request additional information regarding their services.</p> <p>Regards, DYEC Project Team</p>		
3	September 25, 2019	DYEC Project Email	<p>Hello, just a question. I work on Osborne Rd, and for 2 days straight I’ve seen PCO Pest Control Trucks going in or leaving your facilities,</p> <p>I imagine to empty waste.</p> <p>I would think PCO’s waste is chemical waste and insecticides. Is there a special place at your facilities for that?</p> <p>Just curious.</p>	<p>Good Afternoon,</p> <p>This email is in response to your inquiry sent on September 25, 2019 regarding disposal of pest control materials at the Durham York Energy Centre (DYEC).</p> <p>The DYEC is Durham Region’s primary long-term disposal option for waste and only processes the household waste remaining after Durham and York Regions’ aggressive composting, recycling and reuse programs. Our Certificate of Approval only permits us to take waste from residential collection programs within Durham and York Regions and delivered via approved waste haulers. We do not accept commercial, industrial or institutional waste at the facility, therefore we do not accept chemical waste or insecticides from pest control companies.</p> <p>As we are a waste management facility, we do use pest control services to monitor and control the spread of pest at the DYEC. However, we use a different company than noted in your email and they enter via the main truck entrance which is located on the south-west side of the DYEC building. Black and McDonald’s office is across from the entrance to the Regional</p>	September 26, 2019	DL

				<p>Sewage plant. Perhaps the PCO truck in accessing that facility?</p> <p>Please let us know if you have any additional questions or concerns.</p> <p>Regards,</p> <p>DYEC Project Team</p>		
4	September 25, 2019	DYEC Project Email	<p>Hello,</p> <p>I have looked all over the website and I am still left with some questions that I hope you are able to assist me with. I want to learn more about how exactly the compost is dealt with- how long it sits for, where it is composted, how it is sorted through, etc. I would also like to learn more about the sorting of recycling and garbage products. I saw that there is a video of how the recycling products are sorted through but what do they do with garbage? Do they just throw the bags in the incinerator or do they sort through them? Also, what are the environmental effects of the incinerator? And finally, what I've chosen to revolve my whole project around is whether or not there are any policies that businesses have to follow when dealing with their garbage because the website is mostly just about residents.</p> <p>Thank you for your time</p>	<p>Good Morning,</p> <p>This email is in response to your inquiry dated September 25, 2019 regarding waste management in the Region of Durham.</p> <p>You are correct in noting that our website does not speak to industrial, commercial and institutional waste (ICI) or requirements for businesses. In Canada, the federal, provincial/territorial and municipal governments have different levels of responsibility for managing and reducing waste. The Provincial government is responsible for monitoring waste activities that occur in the ICI sectors (Ontario Regulation 102, 103, and 104). As a Region, we are responsible for managing municipal household residential waste within the Region's eight area municipalities.</p> <p>The Durham York Energy Centre (DYEC) is Durham Region's primary long-term disposal option for waste and only processes the household waste remaining after Durham and York Regions' aggressive composting, recycling and reuse programs. Our Certificate of Approval only permits us to take waste from residential collection programs within Durham and York Regions and delivered via approved waste haulers. The Region requires residents to source separate their waste materials prior to set out at the curb. Black bag garbage does not currently go through an additional sorting process once received at the DYEC. However, through the DYEC process, ferrous and non-ferrous metals are separated and recycled.</p> <p>By using state-of-the-art pollution control systems and proven, reliable Energy from Waste technology, the DYEC meets the most stringent environmental standards, reduces greenhouse gas emissions</p>	September 30, 2019	DL

				<p>compared to the existing landfill option and reduces the overall volume of garbage being sent to landfill by up to 90 per cent.</p> <p>To better understand how residential garbage is processed at the DYEC, we invite you to view our process overview video and complete our virtual tour online (www.durhamyorkwaste.ca).</p> <p>The Region of Durham’s contractor, Miller Compost, receives, processes and composts source separated Green Bin organics and leaf and yard waste material. This results in the effective conversion of all organics into a consistent humus rich product. The material is processed indoors for a 23-day period, and then transferred to an outdoor curing pad. Here, the material is mixed with additional leaf and yard waste, and turned periodically, until the composting process is complete. The curing time of the compost windrows may take approximately one month during the summer and up to six months in the winter. Once the material has met this requirement, the material is screened and piled for curing.</p> <p>Please let us know if you have any additional questions or concerns.</p> <p>Regards, DYEC Project Team</p>		
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Total Inquiries – September 2019

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 2019 to-date:	15
Total Inquiries received in 2019 to-date:	19

Complaints – September 2019

#	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.	-	-
1	September 6, 2019	DYEC Project Email	I live at Bloor Street and Oshawa Townline area of Courtice. About a half an hour ago there was an overwhelming horrible smell of garbage that saturated this area. My neighbor said it was coming from your facility. Please advise. Thank you	Good Afternoon, Thank you for your email dated September 6, 2019 regarding your concerns in relation to the Durham York Energy Centre (DYEC). Records show that an odour assessment was completed by DYEC staff on September 6, 2019 from 3:30 pm to 4:00 pm with no recordable onsite or offsite odours from the facility. In addition, no odours from the facility were noted in Covanta's daily environmental logs on September 6, 2019. Odour is monitored closely at the DYEC. The tipping hall where municipal solid waste is received and unloaded is located indoors. The air in the tipping hall is drawn through large fans and used in the combustion process. This ensures the tipping hall remains under negative air pressure to contain any dust and odours generated during the delivery and combustion process. Daily odour inspections are completed by DYEC staff to ensure there are no offsite impacts due to odour from DYEC operations. Your concern was sent to the Ministry of the Environment, Conservation and Parks (MECP) by DYEC staff on September 9, 2019. After an investigation of the available data, including wind direction from meteorological data pulled for September 6, 2019, the MECP confirmed that the odour of concern is not related to the DYEC. Please note that your concern has been referred to the MECP local Clarington environmental officer for further review. We welcome you to contact Phil Dunn at the MECP to discuss your concerns further and have provided his contact information below.	September 9, 2019	DL/AH

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				Phil Dunn Senior Environmental Officer Central Region – York Durham District Office 905-427-5627 Philip.dunn@ontario.ca Please let us know if you have any additional comments or concerns or if you would like to schedule a visit to the DYEC for further discussion and a brief tour of the facility. Regards, DYEC Project Team		

Total Complaints – September 2019

Complaint Type	Total by Complaint Type
Total Project Team Complaints received this month by project web email / telephone:	1
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 2019 to-date:	15
Total Complaints received in 2019 to-date:	16