

Inquiries						
#	Date Received	Method Received	Comment Details/Description:	Response/ Remedial Action	Response Date	Staff
	March 3, 2016	Project web email	<p>Dear Energy from Waste Center</p> <p>Hello my name is [REDACTED] and I go to St. Sylvester Catholic School in Toronto. We've been researching for a while now how we can reach zero waste in the world. Here is our school website if you are interested https://www.tcdsb.org/schools/stsylvester/inquiry/ZeroWaste/Pages/default.aspx. I have a couple questions I would like to ask you.</p> <p>1: I understand you can create cement out of ash; do you work with St. Mary's Cement and have any sort of agreement with the ash, especially since you are at such a close proximity?</p> <p>2: How much ash do you create compared to how much you give to St. Mary's Cement (if you do give it) in one hour?</p> <p>3: What chemicals does the incinerator NOT capture? Thank you for taking the time to read this and I hope you reply soon.</p> <p>From [REDACTED] at St. Sylvester School. Grade 6</p>	<ol style="list-style-type: none"> 1. In order to produce cement, an aggregate material (such as stones) is required. Residual bottom ash from the combustion of municipal waste has been used as a replacement for aggregate to produce roadways and cement. While the DYEC currently does not reuse bottom ash to make cement, we expect that in the future such reuse alternatives will be approved and appropriate agreements would be made with St. Mary's at that time. 2. The DYEC does use cement mix from St. Mary's which is combined with ash from the air pollution control system (commonly named fly ash) to make a stabilized fly ash product which is currently landfilled. This material does not have good structural uses but over time, reuse of this material may become a reality. The DYEC, at this time, does not give our ash to St. Mary's. The total ash generated by DYEC is approximately 10% by volume in comparison to the municipal solid waste that is received for combustion (like what you discard each day). This reduces the amount of landfill space required for disposal, increasing the life of the landfill which currently received municipal solid waste by 10 times! 3. The DYEC either combusts, collects, or reacts with all chemicals in the waste. The materials that are not combustible is what remains in the ash we spoke of above. Some of the chemicals will remain in the flue gas released from the stack. The extent that chemicals are collected and/or reacted and therefore not released from the stack depends upon the nature of the chemical. For example, hydrogen chloride, an acid gas is controlled by at least 90%, organic materials are typically controlled by greater than 99.99%. The release of these chemicals following combustion and air pollution controls into the environment are safe and are much lower in comparison to chemical discharges from 	March 14, 2016	CVA/LW

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				municipal solid waste that is landfilled.		
	March 22, 2016	Project web email	<p>What kind of gasification do you use? Is it plasma, updraft, downdraft or cross-draft? Your information lists the temperature the waste is raised to in order to combust but it does not specify how this is done. My chemistry class is doing a project on garbage gasification and we would like to know this information.</p> <p>Thanks, [REDACTED]</p>	<p>Good morning,</p> <p>Thank you for your interest in the Durham York Energy Centre. The short answer is, we are not a waste gasification facility. The Quick Facts link on the home page describes the type of technology used. The facility uses thermal mass burn with Martin GmbH stoker grate combustion technology. https://www.durhamyorkwaste.ca/Home/QuickFacts.aspx</p> <p>The glossary also describes mass burn and stoker grate. Just click on the blue words to take you to the glossary directly. Please let us know if you have further questions.</p> <p>Thanks,</p> <p>Project Team</p>	March 23, 2016	LW

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Total Project Team Inquiries this month (project web email/telephone):				2		
Total Covanta Inquiries this month:				0		
Total Council/ Committee Inquiries this month:				0		
Total Durham Call Centre Inquiries this month (separate attachment):				0		
Total Inquiries from York this month:				0		
Total Inquiries from previous months:				5		
Total Inquiries in 2016:				7		

Complaints						
#	Date Received	Method Received	Comment Details/Description:	Response/ Remedial Action	Response Date	Staff
	March 23, 2016	Delegation to Works Committee	Whitby resident expressed concerns with respect to DYEC ambient air monitoring reports.	No further action required.	March 23, 2016	N/A
Total Project Team Complaints this month (project web email/telephone):				0		
Total Covanta Complaints this month:				0		
Total Council/ Committee Complaints this month:				1		
Total Durham Call Centre Complaints this month (separate attachment):				0		
Total Complaints from York this month:				0		
Total Complaints from previous months:				7		
Total Complaints in 2016:				8		