

Covanta Durham York Community Update

Vol. IV - 2014

MESSAGE FROM COVANTA

Dear Durham and York Communities,

We are excited to provide you with the following update as we begin another year and move closer to the grand opening of the Durham York Energy Centre (DYEC). Great progress has been made over the last year and the facility's construction continues to progress on time and on budget. It won't be long before we are providing residents of Durham and York Regions with a sustainable waste management solution while producing clean, renewable energy for the Regions' benefit.

Over the last few months, we've enjoyed many opportunities to raise awareness of Energy-from-Waste technology. In November, we travelled to Montréal for the Canadian Waste and Recycling Expo where we highlighted our collaboration with the Regions. The project received positive feedback and interest from Ontario delegates, as well as attendees from other provinces and overseas. Closer to home, we participated in some great programs and activities in the community. In this update, we share with you our efforts to

engage and educate community leaders, municipal governments, and students on the DYEC and the benefits it presents to the Regions.

It is through the excellent work of our entire team that we have had such great success in this project. Since our last update, our Covanta family has continued to grow. In "Profiling our Team", we are pleased to introduce to you one of our newest members, Amanda Huxter, who joins us as the DYEC's Environmental Specialist. We know that Amanda, along with all of our local staff, will contribute greatly to the DYEC's service to the community. We also introduce to you one of our local suppliers, Baseline Custom Fabricating Ltd., which has been instrumental in supporting the construction of the facility.

We hope you enjoy this update. Please don't hesitate to contact us if you have any questions.

Sincerely,

Joey Neuhoff and Howard Titus
durhamyorkproject@covanta.com



Aerial View of DYEC Construction Progress – January 2014



Aerial View of DYEC, looking West – January 2014

Profiling Our Team: Amanda Huxter, Environmental Specialist

We are pleased to introduce Amanda Huxter, Environmental Specialist for Durham York Energy Centre. Amanda proudly hails from the Region. She was born in Ajax, raised in Mitchell's Corners, and attended Courtice Secondary School in Courtice and Durham College in Oshawa. She received a Bachelor of Science from the University of Waterloo. Now residing in Oshawa, Amanda and her husband Simon have three rescue animals: an American Bulldog cross (Buddy) and two hairless guinea pigs (Frank and Milo). Amanda and Simon enjoy spending time out on the water, sailing and scuba diving.



When did you start with Covanta? How are you settling in?

I started working at the DYEC on December 2, 2013. I knew for about five weeks that I would be starting here and the anticipation was killing me! I couldn't wait to get started. Aside from the large amount of material to cover, settling in has been a breeze. My colleagues at Covanta are so warm and friendly. They are also very helpful and patient with the newbie.

What made you want to work at the DYEC?

I've been in the waste industry in one form or another for sixteen years and I've been aware of Covanta for a number of years. In my previous employment, we shipped waste to one of their facilities, which was how I learned more about EfW. The process itself is not new, but it is new to the Durham Region. The idea of being involved with a facility from the ground up is exciting. The fact that the facility is only ten minutes from my house makes the commute very easy!

What is it about EfW that interests you?

It makes perfect sense to me. Landfills are a risk to groundwater and soil, and are large emitters of greenhouse gases. So much potential energy is wasted by simply burying garbage. Energy-from-Waste technology produces clean renewable energy and recovers metals for recycling, while employing stringent pollution control methodologies. Many people confuse the old method of burning garbage simply to get rid of it with the modern EfW facilities of today. It's time we all learn the 4 R's: Reduce, Reuse, Recycle, and Recover Energy-from-Waste!

Tell us about your new role with Covanta - what are the responsibilities of the Environmental Specialist?

The Environmental Specialist fosters an atmosphere of environmental stewardship, implements and maintains environmental management systems and programs, and is responsible for ensuring regulatory compliance. This includes reviewing and analyzing the continuous emission monitoring systems data and maintaining all other environmental records and documents. Along with preparing and submitting reports to the Ministry of the Environment, I am the primary liaison with federal, provincial, and local regulatory agencies. Besides working in the facility itself, I will be making presentations to staff, visitors, and regulators.

EfW is fairly new to the area, what – from your previous job(s) will help you in your position here at the DYEC?

I have a diverse background that comprises both environmental and regulatory work. I started my career as a Laboratory Technician analyzing samples of water, soil, and sewage after completing my Diploma in Environmental Technology, which I earned right here in Durham. Since then, I have worked as an Industrial Waste Inspector and an Environmental Compliance Manager at a solid and liquid waste management company. This included being a Joint Health and Safety Committee Certified member, and the coordinator for the company's Environmental Management System (ISO14001:2004). I'm very excited to be working with Covanta. I can bring all of this experience together and contribute to my community in a meaningful way.

Covanta in the Community

In November, Covanta's Paul Ewald, Director of Process Engineering, and Mark White, Director of Combustion Engineering flew in from Covanta Head Office in Morristown, New Jersey, to present to Energy System Engineering students on EfW science and technology as part of our ongoing partnership with UOIT. The presentation generated great discussion and assisted students in the completion of their final assignment on the DYEC.



Paul Ewald (left) and Mark Wright (right) discuss the science and technology of the EfW process to UOIT students.



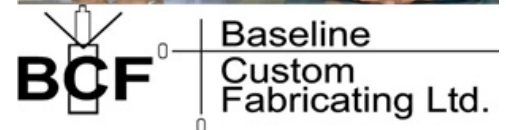
Joey Neuhoff, Vice President of Business Management, presents to the Association of Municipalities Ontario (AMO), describing the benefits of EfW technology and the DYEC. Many AMO delegates also enjoyed a guided tour of the facility construction site.



Howard Titus, Facility Manager for the Durham York Energy Centre, provides a construction update to attendees of the Clarington Board of Trade and Office of Economic Development's Clarington Energy Summit in October.

Supplier Profile: Baseline Custom Fabricating Ltd.

Baseline Custom Fabricating Ltd., headquartered in Courtice, provides custom fabrication using carbon steel, stainless steel, and aluminum. Established in 2004, Baseline offers a complete range of custom steel fabricating services, from raw material to installation of the final product. We asked brothers Marcel and Frank Zwetsloot, owners of Baseline Custom Fabricating Ltd., to share some information on Baseline's role in the construction of the DYEC.



What can you tell us about Baseline Custom Fabricating Ltd.?

We are a family-run business operated here in Courtice and we offer a complete range of steel fabricating services using carbon steel, stainless steel and aluminum. We are proud of the strong customer base we have built through our extensive industry knowledge, quality craftsmanship, and wide range of manufacturing services, including sheet processing, forming, punching, high definition plasma cutting, and CWB certified welding. We also provide design and engineering services to complete a project from start to finish.

What is Baseline's role in the construction of the DYEC?

Baseline Custom Fabricating supplies Covanta with fabricated steel items required for the construction of the DYEC. Some of these products include structural steel platforms, staircases, conveyor supports, and transition ducts.

What is the best part of working on the DYEC?

We are proud to participate in the development of local infrastructure for economic development right here in our community.

What other recent projects has Baseline worked on in the Durham and York regions?

We have been involved in supplying fabricated items for the Darlington Energy Complex, located next to the DYEC. The items were supplied to general contractors working on the Darlington Energy Complex project. We are currently supplying fabricated items for other ongoing projects within the Durham and York regions.

Covanta has committed to hiring 75% local labour to work on the construction of the DYEC, how is Baseline supporting that goal?

We currently employ 15 full-time professionals that reside in the Region of Durham.

Frequently Asked Questions about Energy-from-Waste

Is Covanta hiring? What types of jobs will be available when the facility is operational?

As we near completion of construction, we are looking to hire the best and brightest in our community to join the Covanta team. We offer stable positions that support career development, provide competitive salaries and benefits, and recognize excellent work. If you would like to find out more about what Covanta and DYEC can offer you, please visit:

www.covantaenergy.com/en/facility-careers/durham-york.aspx

or follow the QR code to the right.



Will there be enough waste to sustain this facility, particularly as Durham moves towards a target of 70-per cent waste diversion?

We commend the Region of Durham for setting this ambitious goal, and for being the recipient of the 2013 Solid Waste Association of North America's Gold Award in recognition of their leadership in recycling.

Experience and data demonstrates that EfW facilities further complement recycling and diversion goals by recovering thousands of tons of metal annually for recycling, even when there are great recycling programs already in place. Through careful analysis and planning, the Regions of Durham and York have determined that there will be sufficient waste due to population growth of the area.

Like many communities around the world, the Regions made the choice to recover energy from waste that cannot be recycled instead of wasting it in a landfill. We think this is the best choice. Burying waste that can be used as a resource does not make sense; it is truly a waste from energy, environmental and economic standpoints.



Aerial View of DYEC, looking East - March 2014



Aerial View of DYEC, looking Southwest - March 2014



Aerial View of DYEC Construction Progress - March 2014

Contact Information

For inquiries related to the Durham York Energy Centre:

Please call the Durham Region Waste Management Centre at 1-800-667-5671 or visit the project website www.durhamyorkwaste.ca

For inquiries related to Covanta and EfW:

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Construction Progress, as of February 2014

Construction Progress: by the numbers

Figures as of February 28, 2014

Concrete Placed	8,681 M³ 99% complete
Building Structural Steel Erected	3,068 Tonnes 96% complete
Hours Worked To-Date	619,553
Lost Time Injuries	0 hours
Workers on site	392 (46 Administrative and 346 Trades)

