

Norjohn-ACI – Portland

Proud of Environmental Initiatives



Norjohn-ACI



Building mural of Johnson Creek Trail

Efficiently operate by

- using a cooling tower that reduced cooling water consumption from approximately 66,000 gallons per operating day to 1000 gallons per month. This significantly improved water efficiency and reduced costs.

Acknowledge our part by

- treating wastewater before it goes to the sanitary sewer
- monitoring stormwater discharge quality
- performing a zinc survey on the property to locate sources of zinc in stormwater (galvanized metal) and creating an action plan to reduce zinc
- participating in a clean-up of Johnson Creek
- inviting our neighbours and the Johnson Creek Watershed Council to the 10th Anniversary Celebration for EARTH 1st

Reduce our impacts

- All stormwater flows through oil-water separators prior to discharge
- Process wastewater is treated first with a flocculant and then through a filter press before being discharged to the sanitary sewer
- The roof of the building has a number of skylights that allow natural light in and saves electricity

Take time to plan

- The flooring in the new office space is carpet tiles made from recycled yarn. Carpet tiles allow for the replacement of only the worn areas of the carpet, saving resources in the future.

Higher Environmental Performance

- The homogenizer makes wax and oil-based emulsions possible by mechanically mixing the materials in a hot environment. A new homogenizer will be installed soon and will increase efficiency, safety and provide energy savings.

1st Innovation and leadership

- Continual improvement in finding alternatives to hazardous raw materials in our products
- Showing leadership in the community by removing graffiti on the back of the facility that borders the Johnson Creek Trail, supporting the Johnson Creek Watershed Council with volunteer hours and contributing to fundraising for the new interpretive boardwalk.



Cooling Tower



Johnson Creek



Johnson Creek Trail



Skylights



Misty Kelly, Josh Hufford, Scott Berg



Carpet Tiles

QUESTIONS / DISCUSSIONS

1. How can your operations reduce water consumption?
2. What materials/chemicals do you use that could be replaced with more environmentally friendly options?
3. Norjohn-ACI discovered galvanized metal on site causing zinc contamination in stormwater. What materials do you use or store on your site that could contaminate stormwater?
4. How can you and your business show leadership in the community?

COMMIT ■ CREATE ■ PARTICIPATE



Our Environmental Messenger™

Acknowledge Our Part

Norjohn-ACI – Portland

October 2013

COMMIT ■ CREATE ■ PARTICIPATE

Company _____ Date _____ Delivered by _____

Other topics discussed _____

Name _____ Signature _____

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Norjohn-ACI

RECORD RESPONSES SPECIFIC TO YOUR SITE

1. How can your operations reduce water consumption?

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Amherst

2. What materials/chemicals do you use that could be replaced with more environmentally friendly options?

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3. Norjohn-ACI discovered galvanized metal on site causing zinc contamination in stormwater. What materials do you use or store on your site that could contaminate stormwater?

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4. How can you and your business show leadership in the community?

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EARTH 1st 10th Anniversary Celebration:

Thank you to everyone who attended our EARTH 1st Anniversary Celebration and to those that sent their environmental pledges! The event was a great success and was shared with employees, customers, suppliers and local politicians. We've heard wonderful feedback on our EARTH 1st video and are working on uploading it to the EARTH 1st website as soon as possible (www.earth1st.ca). We will also be uploading pictures from all the events on the Intranet soon, so stay tuned to our 10th Anniversary blog for those updates.

Some highlights from the celebration include:

- 100% use event
- Locally sourced food and cider
- Sustainable food vendors and decorations
- Live streamed to all events
- Paperless invites and raffles



Environmental Pledges can be posted to Challenge #8 until December 15, 2013

Commit ■ Create ■ Participate

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*Clearly no group can, as an entity, create ideas. Only individuals can do this.
A group of individuals may, however, stimulate one another in the creation of ideas.*

Estill I. Green



ORMI



Norjohn Limited



Head Office