

EDGAR PIT

Proud of Reducing Their Carbon Footprint and Operating More Efficiently

“It is important for all operations to find ways to reduce their Carbon Footprint and improve efficiency”.



Did you know?

The removal of 3 articulated haul trucks reduces fuel usage by approximately 126,000L per year (900L/day). This total is equal to 339.14 tonnes of carbon dioxide equivalent*.

*Data from the Canada National Inventory Report 1990–2009 — Part 3, Annex 8, Table A8–11 Emission Factors for Energy Mobile Combustion Sources

Efficiently operate

- installed a conveyor system and eliminated three articulated haul trucks
- reduced oil changes and wear and tear of trucks
- use less energy with land conveyor
- lowered the elevation of the feed bin so tractor trailers can load directly, removing the need for a loader

Acknowledge our part

- by continuing to look for ways to reduce carbon footprint and increase efficiency
- by reducing the risk of environmental or safety incidents by using live bottom trailers

Reduce our impacts

- We:
- lowered the sand plant and conveyor to convey rather than haul to the washplant
 - reduced our carbon footprint by decreasing hauling distances
 - reduced dust levels on-site
 - reduced the need for our water truck resulting in less fuel usage and a smaller water footprint

Take time to plan

- We:
- eliminated the need for purchasing two new articulated haul trucks

Higher Environmental Performance

- We:
- are continuously aware of the site's carbon footprint and look for ways to operate more efficiently

1st Innovation and leadership

- We:
- installed a belt flipper on the conveyor to eliminate the need for clean-up



QUESTIONS / DISCUSSIONS

1. What is one change you could make in your operation for greater efficiency?
2. What alternative ways could you move things that would reduce your carbon footprint?
3. In what ways could you reduce the risk of environmental or safety incidents?
4. What precautions are taken to reduce your dust levels on-site?

COMMIT ■ CREATE ■ PARTICIPATE



Acknowledge Our Part Our Environmental Messenger™

EDGAR PIT

JULY 2012

COMMIT ■ CREATE ■ PARTICIPATE

Company _____ Date _____ Delivered by _____

Other topics discussed _____

Name	Signature	Name	Signature
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RECORD RESPONSES SPECIFIC TO YOUR SITE

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EARTH 1st CHAMPIONS

Severn Pines continues to reduce their impacts!

The site has been recycling their conveyor belts by sending them to QBM for reuse as rubber mats for backing trucks/trailers into loading docks. QBM recently received four loads of conveyor belts from Severn; that's approximately 28 tonnes diverted from landfill.

Great work, Severn Pines!



Who do you know who commits, creates and participates in EARTH 1st?

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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*