

NIAGARA BIOSOLIDS LP

Our focus... odour management.

MANAGEMENT

At Niagara Biosolids LP we:

- manage odours using both engineering and administrative controls.
- focus on one area at a time and identify opportunities to modify our operations to achieve higher environmental performance.
- embrace continual improvement.

CONTINUAL IMPROVEMENT

- Niagara Biosolids LP has many design features to address odours.
- The building operates under negative pressure to contain and direct odours to the air treatment system.
- The building is sealed with foam to prevent air leaks.
- The receiving bins are enclosed to direct air to the treatment system.
- Delivery trucks are covered with solid tarps that stay on during unloading to contain odour emissions.
- Prompt delivery of biosolids from the wastewater treatment plants minimizes odour of incoming material.
- The product transfer area has been enclosed with a link building.
- A ventilation system has been installed on the storage building to collect and treat air from that building.
- Conveyors have been enclosed.

MONITORING

Daily inspections and monitoring allow us to proactively adjust operations.

NBLP uses RWDI for air modeling and testing the biofilter and scrubber.

PRODUCT

Our product is a registered soil amendment under the Fertilizers Act.

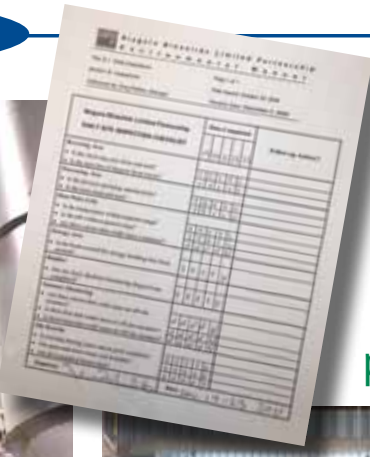
NBLP is an important part of the food cycle. Niagara Soil Amendment (or N-Rich™) returns nutrients and organic matter back to the soil which are removed as crops grow. We are sold out of product every year.

UNIQUE

UNIQUE TO NIAGARA BIOSOLIDS LP

It is a stand-alone facility. Most biosolids plants are attached to a wastewater treatment plant.

The NBLP team does a great job of proactively addressing the small things to achieve higher environmental performance.



Baghouse



Receiving bins



Sealing foam



Link building



Scrubber



John Vanderlee



Enclosed conveyor



Kevin White



Biofilter



Mike Melinko



Air treatment system



Geoff Boyd

QUESTIONS/DISCUSSIONS

1. What are your environmental challenges?
2. Which is your top priority?
3. Why is it your top priority?
4. What are you currently doing to address it?
5. Who do you rely on to assist with your environmental challenges?



Acknowledge Our Part Our Environmental Messenger™

Niagara Biosolids LP

FEB 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

1. What are your environmental challenges?
2. Which is your top priority?
3. Why is it your top priority?
4. What are you currently doing to address it?
5. Who do you rely on to assist with your environmental challenges?

EARTH 1st CHAMPIONS

The EPD would like to send out kudos to Mark Cosby of Vineland Asphalt.

To purchase a spill kit, the cost can be anywhere between \$1,000 - \$1,500. Mark thought outside the box and purchased rubber maid barrels with snap on lids that lock shut to hold spill kit materials. Mark purchased 3 barrels at \$18 per barrel. He filled them with spill kit materials and painted the words "spill kit" on them. The benefit of these barrels is low cost, they open easily and they are mobile because they have wheels on them.

Way to go Mark!



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