

## IMS COMPOST

### Our Environmental Challenge: Odour Control

We appreciate all our employees' hard work. Our team is dedicated and takes pride in their work. Each employee is diligent in taking steps to reduce odours.



Receiving Building

#### Efficiently operate by

- installing advanced composting technology, the Gore™ Cover System
- increasing the porosity of the compost windrows using a new shredder that creates larger wood pieces. Greater porosity improves oxygen levels which minimizes odours.
- contracting UTV AG, an expert in Gore™ facilities and composting to provide guidance and retraining for operators
  - adopted UTV AG's suggestions regarding porosity, moisture content, mixing time and screening time



Doppstadt Shredder

#### Acknowledge our part by

- assessing our needs first and understanding when we need assistance
- working together and finding solutions
- identifying our manageable material and capacity
- conducting odour surveys both on-site and off-site



Gore™ Windrows

#### Reduce our impacts

- We:
- have enclosed windrows to minimize odours
  - installed an odour neutralizer system on-site
  - operate the receiving building under negative pressure, forcing air through biofilters rather than escaping the building
  - control waste receiving volumes to minimize odours



Wind Sock

#### Take time to plan

- We:
- created an action plan with timelines
  - researched & implemented equipment options to suite our needs



Screening Plant

#### Higher Environmental Performance

- We:
- established quality control parameters
  - monitor wind directions and operate accordingly
  - check oxygen levels daily



Finished Product



IMS Office Building

#### 1st Innovation and leadership

- We:
- provide facility tours to neighbours and professional groups to share our knowledge and build understanding
  - are in the process of applying for LEED Silver Certification of the new IMS office building



Diana Aquino, Taylor Webb, Chris Crane, Lorne Corry, Greg Robles, Nader Anis, Keith White, Lisa Immel, Kurt Goering



Krisztina Nagy

#### QUESTIONS / DISCUSSIONS

1. What measures could/have you taken to minimize odours at your site?
2. What are your quality control parameters?
3. What are some benefits to an action plan?



# Acknowledge Our Part Our Environmental Messenger™

IMS COMPOST

January 2013

COMMIT ■ CREATE ■ PARTICIPATE

Company \_\_\_\_\_ Date \_\_\_\_\_ Delivered by \_\_\_\_\_

Other topics discussed \_\_\_\_\_

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## RECORD RESPONSES SPECIFIC TO YOUR SITE

1. What measures could/have you taken to minimize odours at your site?  
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2. What are your quality control parameters?  
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3. What are some benefits to an action plan?  
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**EARTH 1st CHAMPIONS**

### OUR CHAMPION THIS MONTH IS SHIRLEY REMPEL FROM VINELAND QUARRIES

Shirley is the scale operator and has an important role in ensuring incoming fill has been approved by the environmental performance department prior to its acceptance at the site. Walker Aggregates Inc. has a standard operating procedure (SOP) for clean fill acceptance. The intention of the SOP is to have incoming fill meet the quality requirements of the Ministry of Natural Resources (MNR) site plan. Shirley practices due diligence and ensures the proper paperwork is completed before accepting loads of fill protecting the site against the risk of receiving unacceptable fill. Shirley takes care and pride in the environment and continuously embraces the EARTH 1st principles.



## 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*