NORTERRA Organics
Once grown. Twice green.

“Don’t Waste Your Waste”

Principal – George Scott
General Manager – Allan Hamilton
This document is confidential and contains proprietary information. It is intended for the use of the Solid Waste Management Plan Steering Committee and the invited guests to gain knowledge about composting with the W.L. Gore Technology and for discussion purposes for business opportunities.
OUR BUSINESS PHILOSOPHY

- **Value** is the balance between economics and customer satisfaction
- **Honesty**, the Customer must feel confident that they are receiving truthful and honest advise and trust the job will commence and be completed as arranged
- **Integrity**, demonstration of good morals, value and soundness in character
AS A CORPORATION WE HOLD THESE TENETS TRUE:

- Safety is ALWAYS first
- Environmental responsibility
- Human Resources deliver our Service
- Continual growth is the path to greatness
Scott Environmental Group (SEG) is a privately owned company based in Kingston that provides a myriad of services to industrial, commercial and institutional clients throughout Ontario. The company was established in 1996 serving the community as a pressure cleaning service to commercial and industrial companies.

- In 2001 SEG designed and built a state of the art hazardous waste processing facility (Plant 1)
- In 2007 purchased a 55,000 sq. ft. facility for solid waste processing (Plant 2)
- In 2008 built a high grade composting facility (Norterra Organics)
Service Provider to leading companies in:

- Automotive – Halla Climate Control, Goodyear Canada, Decoma (Magna)
- Food & Drug – Hershey Canada, Pepsico, Kellogg, Trillium Healthcare, Casco, Abbott Labs
- Petro – Chemical & Gas – UltraMar, Shell Canada, Imperial Oil, Union Gas, Enbridge Pipelines, Dyno Noble
- Metals – Novelis Inc. Nutech, Outo Kumpo
- Pulp & Paper – Strathcona Paper, Norampac, Cascades, Smurfit Stone
- Construction – Lafarge Canada, Esscoc, St Marys Cement, Aecon Construction, Ellis Don
- Power & Utilities – Ontario Hydro, Hydro One, City of Kingston, Town of Gananoque, Loyalist Township, Kingston Co-Gen
- Rail, Air & Marine – CNR, CP, Bombardier Inc., CFB Trenton, Canadian Coast Guard
- Textile – Invista Canada (Kingston & Millhaven), Sensient Colors Canada, E.I. du Pont Canada
FACILITY LOCATIONS

- Plant 1 – 650 Fortune Crescent, Kingston
- Plant 2 – 633 Fortune Crescent, Kingston
- Plant 3 – Joyceville Road, Joyceville
- Plant 4 – R.R.#4 Wolfe Island
COMPANY ORGANIZATION

DIVISIONS OF SEG

INDUSTRIAL
SPECIALTY SUPPORT SERVICES
ENVIRONMENTAL
COMMERCIAL
NORTERRA

- Organics Processing Facility
- High-Grade Compost Generator
- Gore Technology System
- Promoting Sustainable Waste Management & Landfill diversion
  - 1000 Island Specialty Sod.
  - 1 plants built, 3 in planning/discussion stages
  Joyceville, Quinte West, Brockville, and Peterborough.

“ONCE GROWN, TWICE GREEN”
Process Flow

SCALE → DELIVERY & PRE-TREATMENT → COMPOSTING PHASE

STORAGE ← NO CROSS-CONTAMINATION ← AGING ← SCREENING
Plant Layout and Process Flow
Gore Pad Design

1. Control unit
2. PC
3. Tarpaulin retainer
4. Temperature profile probe
5. Oxygen/Temperature probe
6. Winding gear
7. Ventilator station
8. On-floor aeration pipes
9. GORE™ Cover
10. Drainage system
11. In-floor aeration channels

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Gore Cover Technology
Prerequisites

- Beginning Carbon to Nitrogen ratio (C:N) of approximately 30:1
- Beginning moisture of approximately 55%
- Adequate structure material to optimize the mixed material (recipe) porosity
Meets the needs of in-vessel treatment
Provides flexibility for expansion to accommodate a variety and volumes of feedstocks
Proven technology (over 170 plants in 26 countries)
Odour reduction of 90–97%
Bio-aerosol Emmisions reduction of greater than 99%
<.75 kwh/ton annual energy requirement
3 sq. ft./ton space requirement
The Management and Employees of **Norterra Organics**
( a div. of Scott Environmental Group)
would like to thank
**Solid Waste Management Plan Steering Committee**
for allowing us the privilege to present to your Group today.

Any questions will gladly be addressed at this time.