



# Toronto, Ontario

## Neighborhood Liaison Committee

### Ashbridges Bay Treatment Plant

February 12, 2008

# Veolia Environnement

## The World's Leading Environmental Company



 **VEOLIA**  
WATER

Water



 **VEOLIA**  
ENVIRONMENTAL  
SERVICES

Waste Management



 **Dalkia**

Energy & Facilities  
Management



 **VEOLIA**  
TRANSPORTATION

Transportation

- **No.1** worldwide in water services
- 2006 revenue: **\$13.1 billion**


- **No.2** worldwide in waste management, leader in hazardous industrial waste management
- 2006 revenue: **\$9.7 billion**

- **No.1** in Europe in energy services
- 2006 revenue: **\$7.9 billion**

- **No.1** private operator of surface passenger transportation in US and Europe
- 2006 revenue: **\$6.4 billion**

- \$37.1 billion in revenues with 270,000 employees
- Only global company providing entire range of environmental services to municipal, industrial and commercial customers

# A Market Leader in North America

 Water	 Waste Management	 Energy Management	 Transportation
▪ <b>No.1</b> in municipal partnerships and industrial outsourcing	▪ <b>Top 1- 4</b> in various categories of waste management	▪ <b>Rapid growth</b> in North American market	▪ <b>No.1</b> in U.S. surface passenger transportation

## ■ North American businesses:

- ▶ ~ \$3 billion in revenues with > 27,000 employees
- ▶ Only company providing entire range of environmental services to municipal, industrial and commercial customers

# Veolia Water North America Nation's Leader in Water Services



*Tampa Bay Water  
Significant DBO  
project*



*Highly trained  
specialists*



*Indianapolis – nation's  
largest, most innovative  
partnership*

- No. 1 market leader with 37% share in U.S., Canada and Caribbean\*
- ~ 600 communities served in North America
- Manage largest U.S. public-private partnership (Indianapolis achieved ISO 9001 and 14001 simultaneously – first major U.S. city to achieve this)
- Provide industrial/commercial water partnerships and operating services at 100+ facilities
- Largest U.S. industrial projects in market (customer base includes Fortune 500)

*\*Source: Public Works Financing, March 2007*

# Government Projects

+180 Partnerships Serving ~600 Communities

## NORTHEAST

- Plymouth, MA
- Woonsocket, RI
- Cranston, RI
- Leominster, MA
- Danbury, CT

## SOUTH

- Tampa Bay, FL
- New Orleans, LA
- Atlanta-Fulton County, GA
- Tupelo, MS
- Kenner, LA

## CENTRAL

- Indianapolis, IN
- Chicago, IL
- Wilmington, DE
- Milwaukee, WI

## WEST

- Richmond, Palm Springs, and Burlingame, CA
- Vancouver, WA
- Gresham, OR
- Great Falls, MT
- Honolulu, HI
- U.S. International Boundary & Water Comm., San Diego

## CANADA

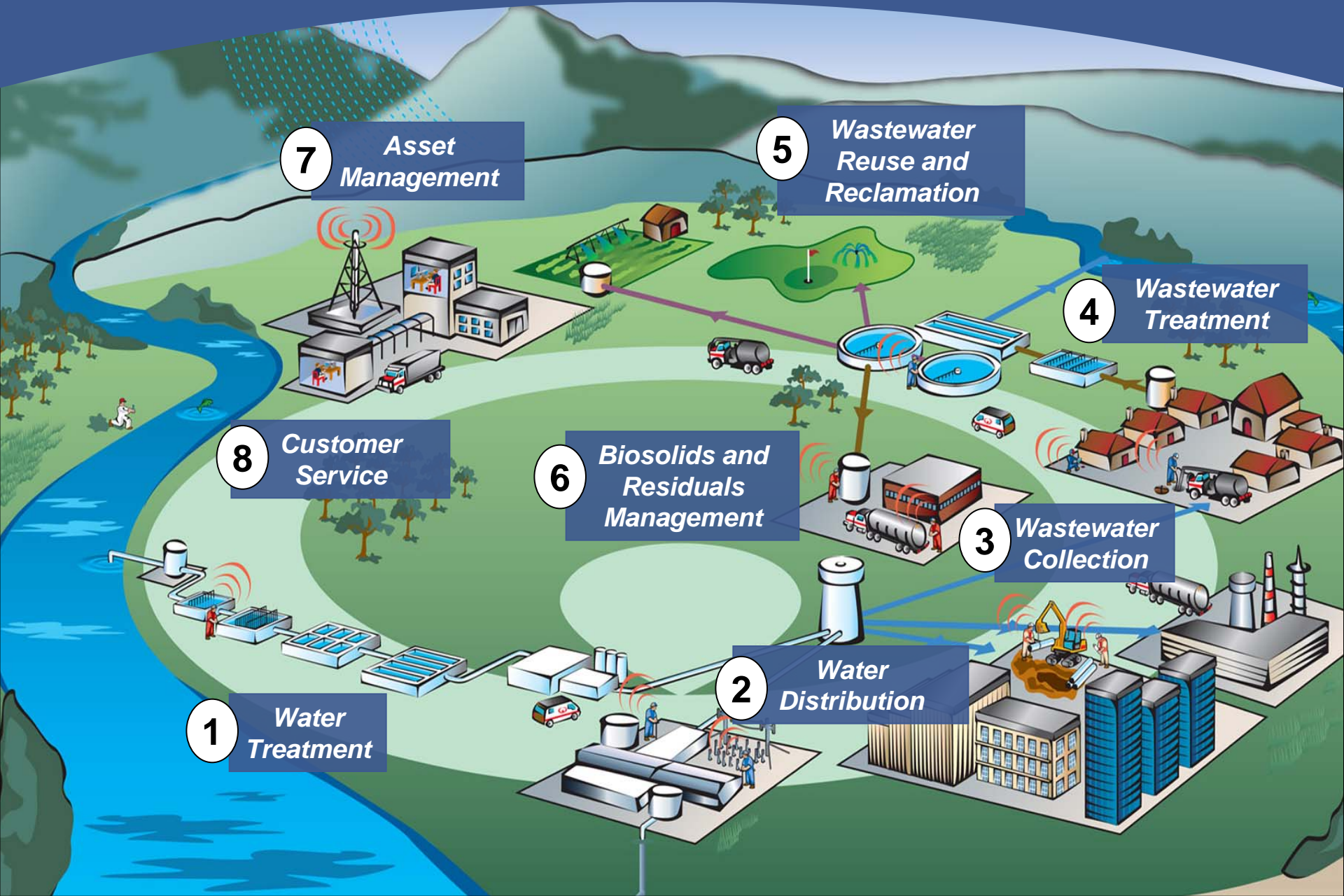
- Moncton, New Brunswick
- Toronto, Ontario
- Brockton, Ontario

## CARIBBEAN

- St. Thomas, St. Croix, U.S. Virgin Islands
- Antigua developments



# Complete Water Services: Experts in design, build, technology, operations and customer services





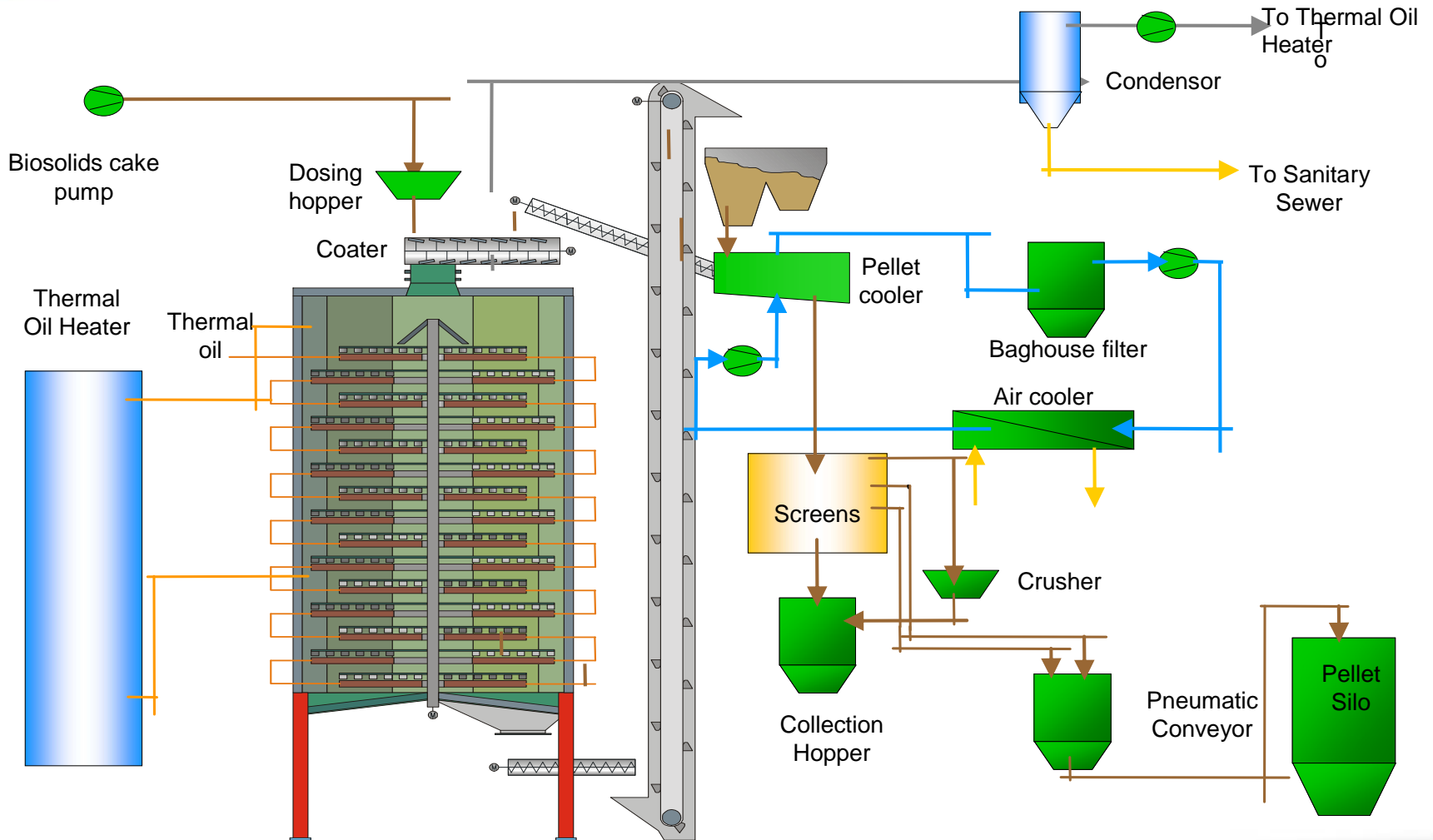
# Dryer/Pelletizer Project Overview

- Toronto initiates project in 1999.
- USFilter Canada (now Veolia Water Canada) selected for design/build contract in 2000.
- Facility in performance testing summer 2003.
- Fire occurs August, 2003.
- Rebuild agreement signed in 2005.
- Operations and Maintenance agreement signed October, 2007.
- Contract includes pellet marketing.
- Rebuilt facility in final stages of commissioning February, 2008.

# Process Description

- Seghers indirect drying system.
- Process mixes dewatered biosolids (30% dry solids) with finished pellets (92% dry solids) to produce infeed at 65% - 70% dry solids.
- Infeed gently dried to reach 92% dry solids.
- Pellets are screened before being recycled or discharged.
- System uses thermal oil circulating through the dryer for heating.
- System uses either natural or digester gas as a fuel source.
- System designed as a fertilizer manufacturing facility.

# Process Schematic



# Potential Pellet Marketing Applications

- Agriculture
- Nursery plant production
- Landscaping
- Planting bed amendment
- Turf establishment, renovation & maintenance
- Field grown plants
- Container grown plants
- Sod production
- Specialty turf (soccer, baseball, etc.)
- Golf course applications

# Potential Pellet Marketing Applications

- Silviculture
- Commercial fertilizer blending
- Commercial fertilizer manufacture
- Soil blending (topsoil mixes)
- Soil blending (potting mixes)
- Marginal soil reclamation
- Compost amendments
- Ethanol production
- Thermal uses

# Questions and Answers

