

Halifax Harbour Solutions Project

August 22, 2007



Harbour Solutions Project

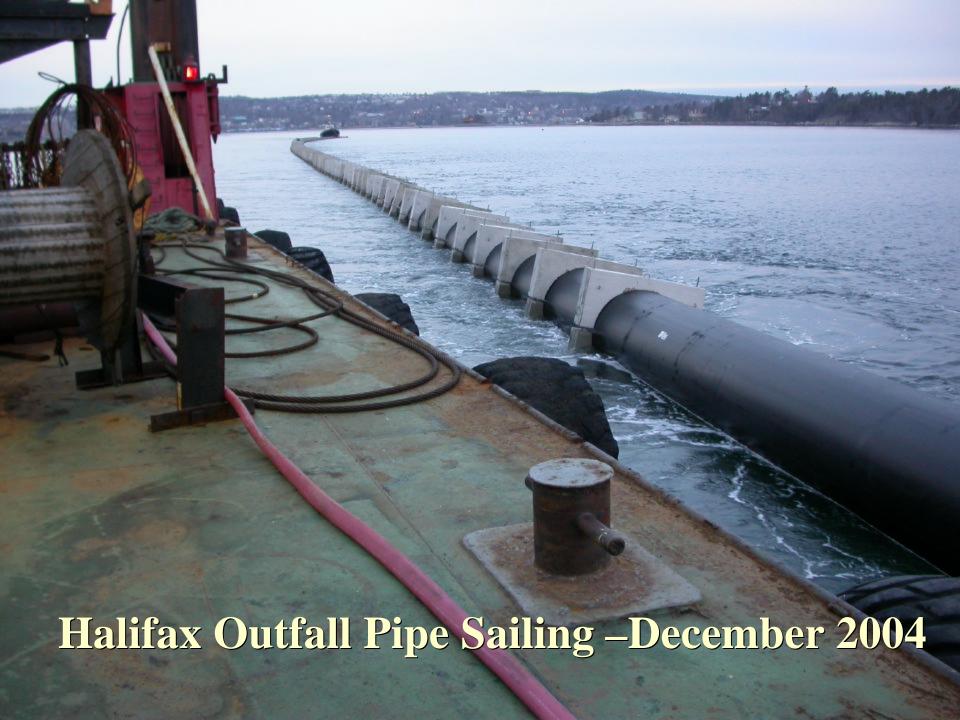
- 3 Key Components of Harbour Solutions Project:
- Sewage Collection System
- Wastewater Treatment Facilities
- Biosolids (sludge) management























Treatment Facility Design & Construction

3 wastewater treatment facility sites

- Downtown Halifax at Cornwallis and Barrington St.
- Dartmouth, south end of the Coast Guard lands
- Hospital Point in Herring Cove
- Advanced Primary Treatment Facilities designed to blend in visually, no noise or odour, under negative pressure, UV disinfection

Halifax- Final Design



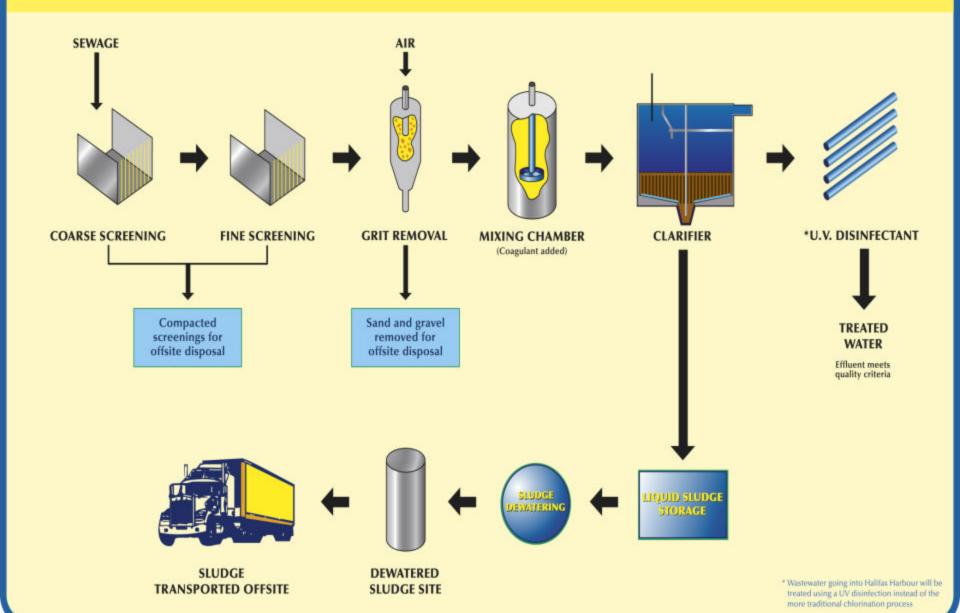
Operational Fall 2007







SEWAGE TREATMENT PROCESS



















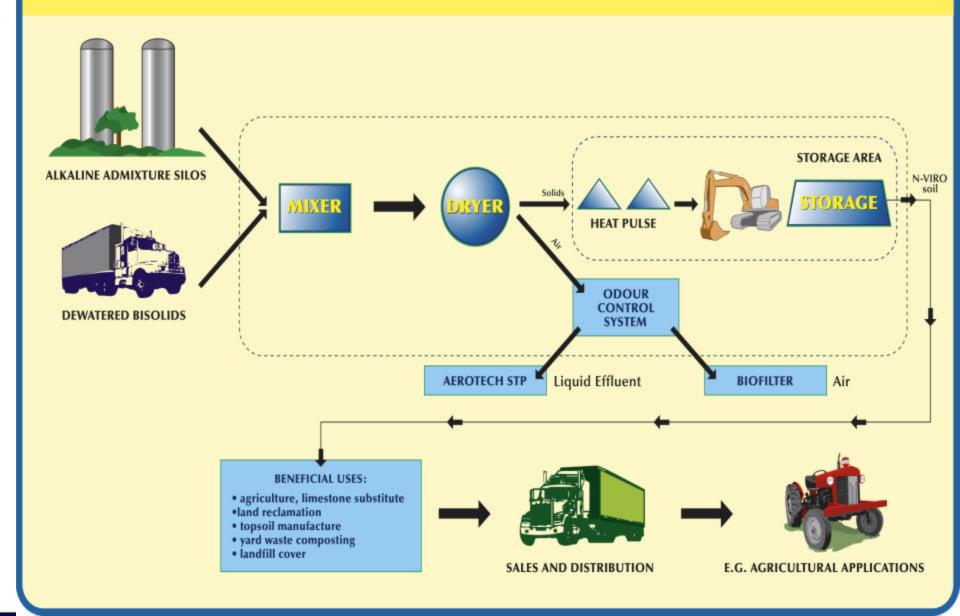




Biosolids Management

- By product of the wastewater treatment process
- Dewatered sludge removed from settling tanks and transported to sludge processing facility
- Operational early 2007

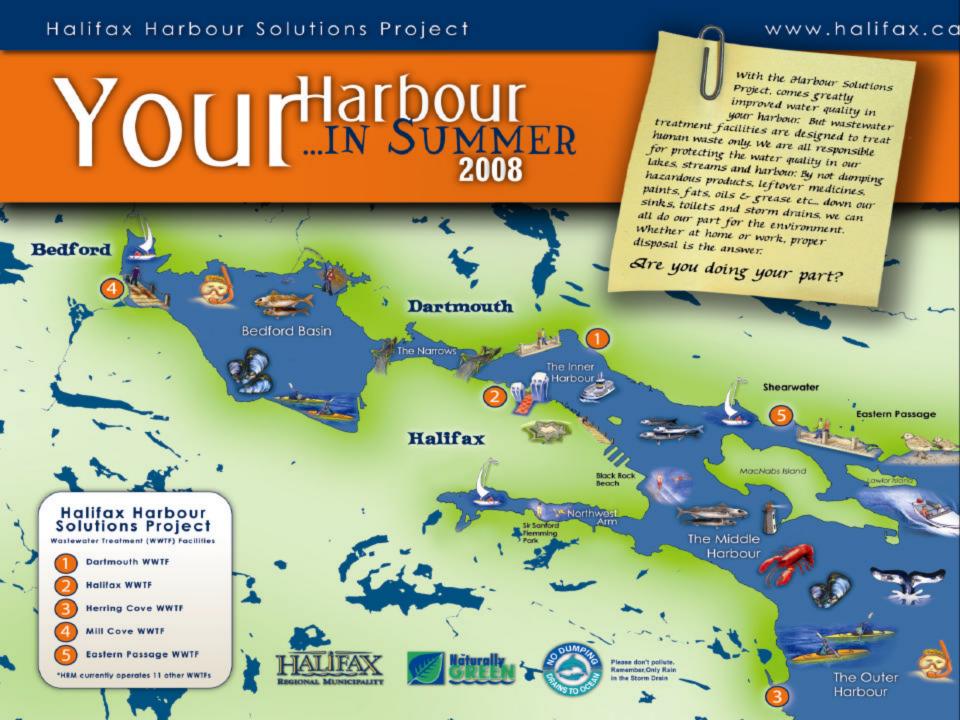
BIO-SOLID PROCESSING PLANT





Long Term Goals of the HSP

- ✓ Greatly improved water quality in the Harbour
- ✓ Increased property values
- ✓ Increased tourism revenues
- ✓ Renewed shellfish harvesting
- ✓ Improved marine ecosystem health
- ✓ Avoided health costs due to water-related illnesses
- ✓ Increased recreational opportunities
- ✓ Overall enhanced quality of life for HRM







How Can You & Your Family Help?

- Reduce or eliminate the use of hazardous products at home
- Don't pour leftover cleaning products, paints, solvents and pesticides down the drain at home. Take them to the Household Hazardous Waste Depot, 50 Chain Lake Dr.
- Encourage responsible disposal practices at home, your place of business, & composting and recycling
- Support HRM's environmental programs
- Conserve water



Pollution Prevention Program

- Wastewater Discharge By-law
- Working with businesses to identify harmful waste materials and limit their use or disposal
- Support efforts of Federal Government to stop dumping of ship wastewater in the harbour
- Pesticide By-law
- Extensive public education/stewardship program underway







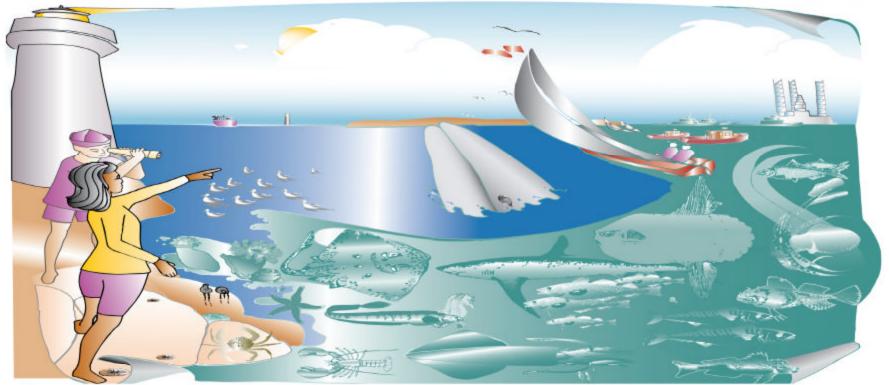
How Can You Stay Informed?

- Naturally Green Newsletter
- HRM Website (www.halifax.ca/harboursol)
- E-mail (contactHRM@halifax.ca)
- HRM Call Centre (490-4000)
- Harbour Solutions Project Office (490-4756)
- News Releases
- Public Meetings

WHO'S WHO IN THE HARBOUR

Halifax Harbour is known internationally as the finest, deepest ice-free salt water harbour in the world. But while our harbour is a valuable economic and recreational resource for HRM residents, to others it is home. The Harbour supports a surprisingly wide variety of sea life that remains unseen and unknown to most HRM residents. For sea creatures, quality of life means quality of water.

Cast your eye below and see if you can unlock your harbour's treasure . . .



spy...

The animals in the picture are listed below. Can you identify them?

- Herring
- · Paper Nautilus
- Ocean Sunfish
- Sculpin
- Atlantic Mackerel
- · Northern Searobin
- Squid
- Atlantic Cod
- Whale
- Lobster

- Seahorse
- Green Crab
- Starfish
- Snakeblenny
- Sea Anemone
- Sea Cucumber
- Skate
- Shark
- · Sandollar
- Shorebirds



Questions?



Fire Away!