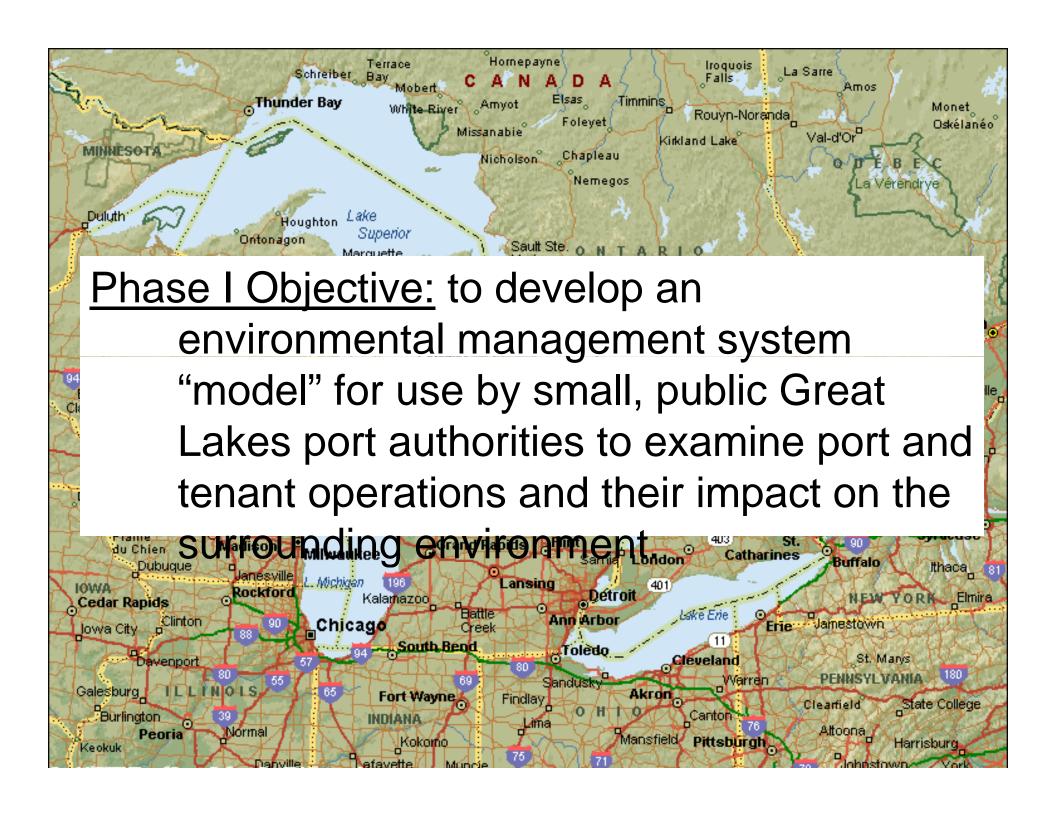


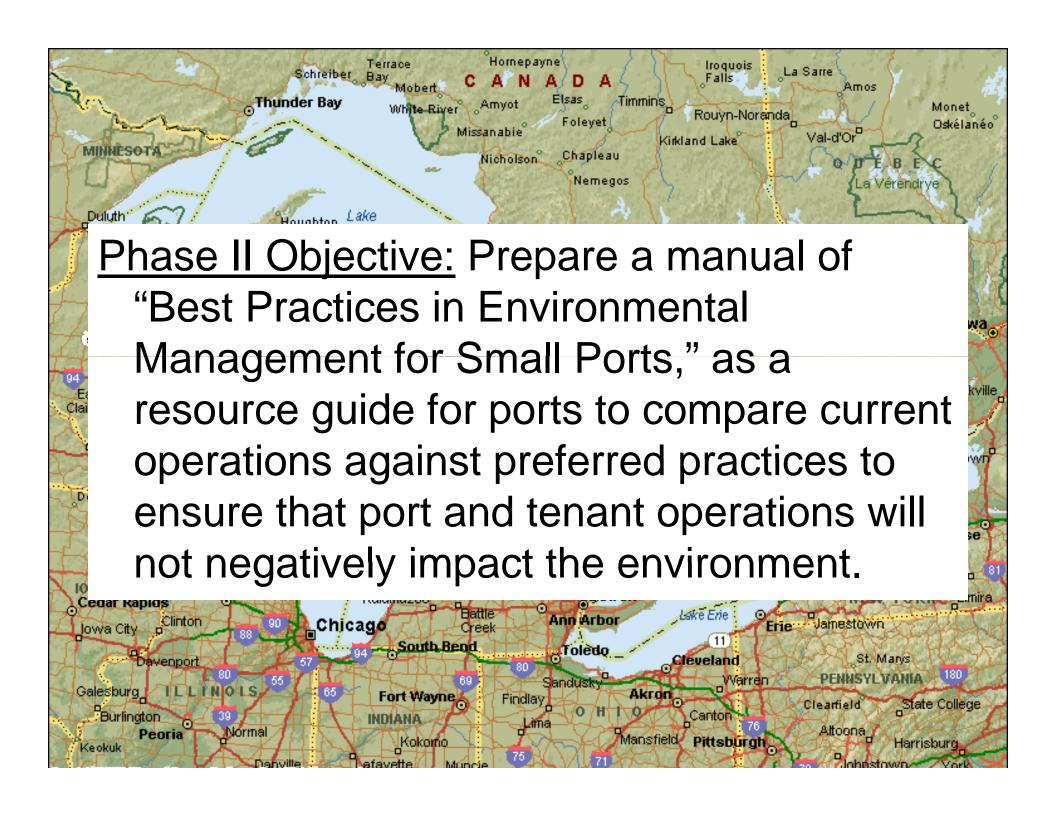
Port Environmental Assessment and Best Practices

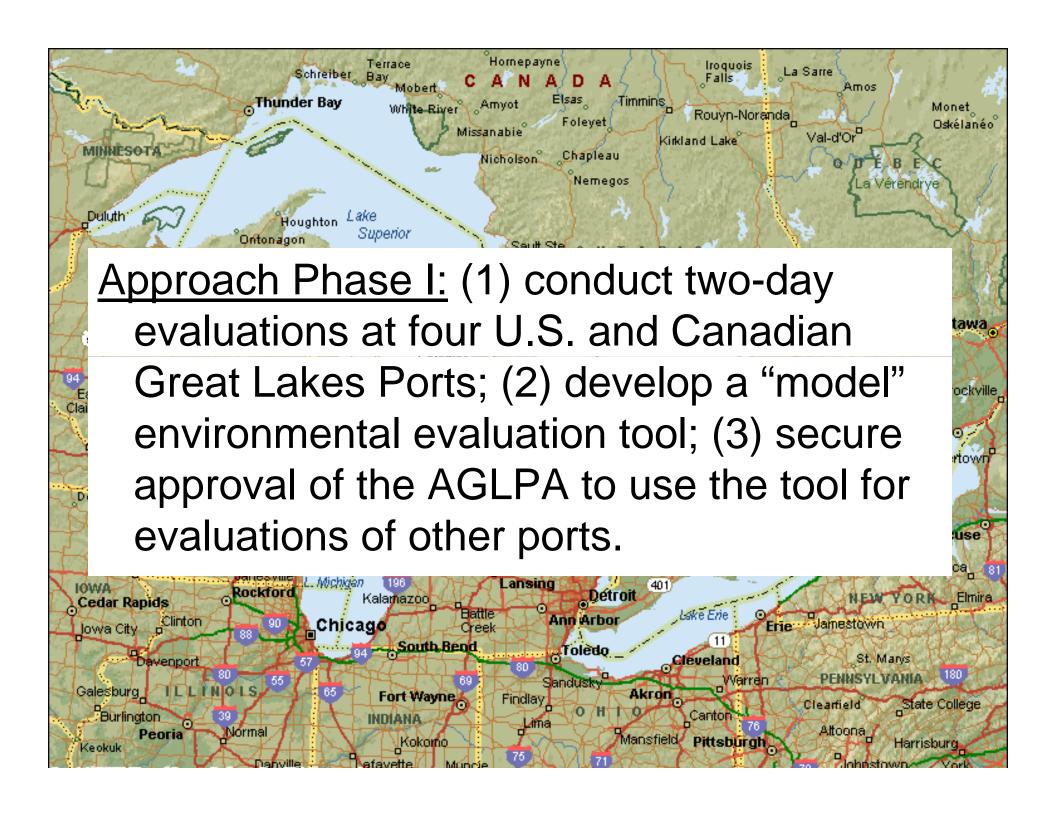
Lynn A. Corson, Ph.D.
Clean Manufacturing
Technology Institute
Purdue University
West Lafayette, Indiana

Steven A. Fisher
Executive Director
American Great Lakes
Ports Association

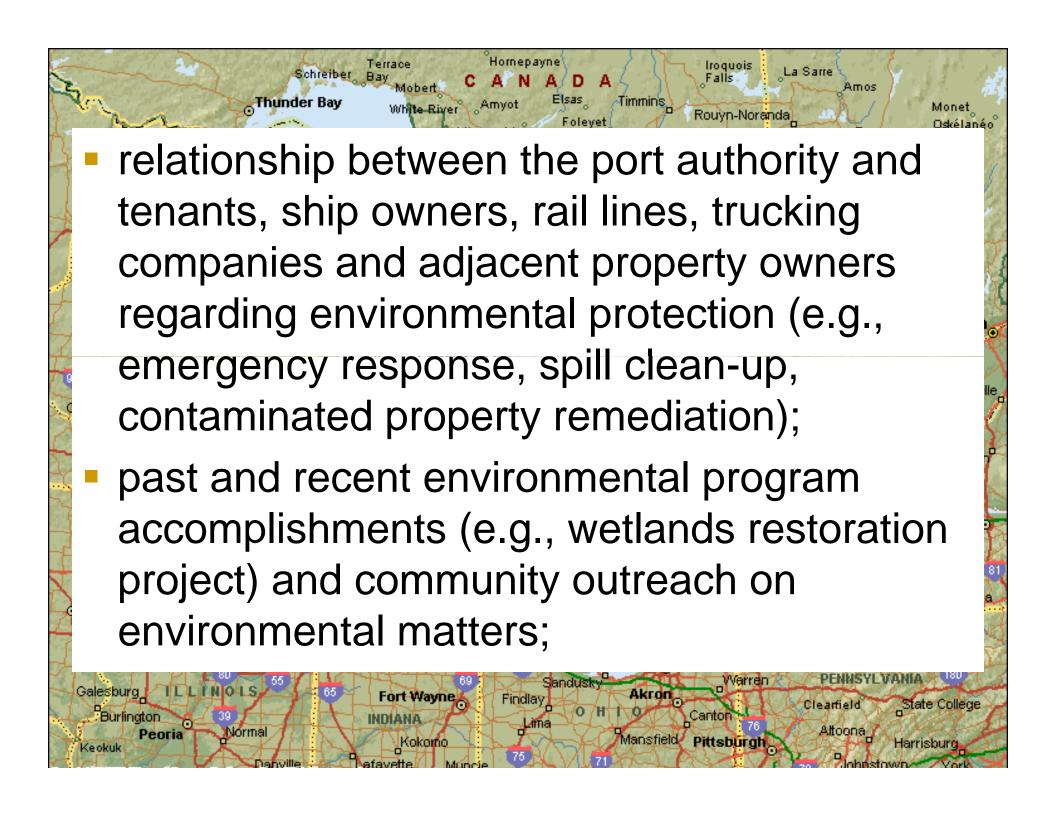


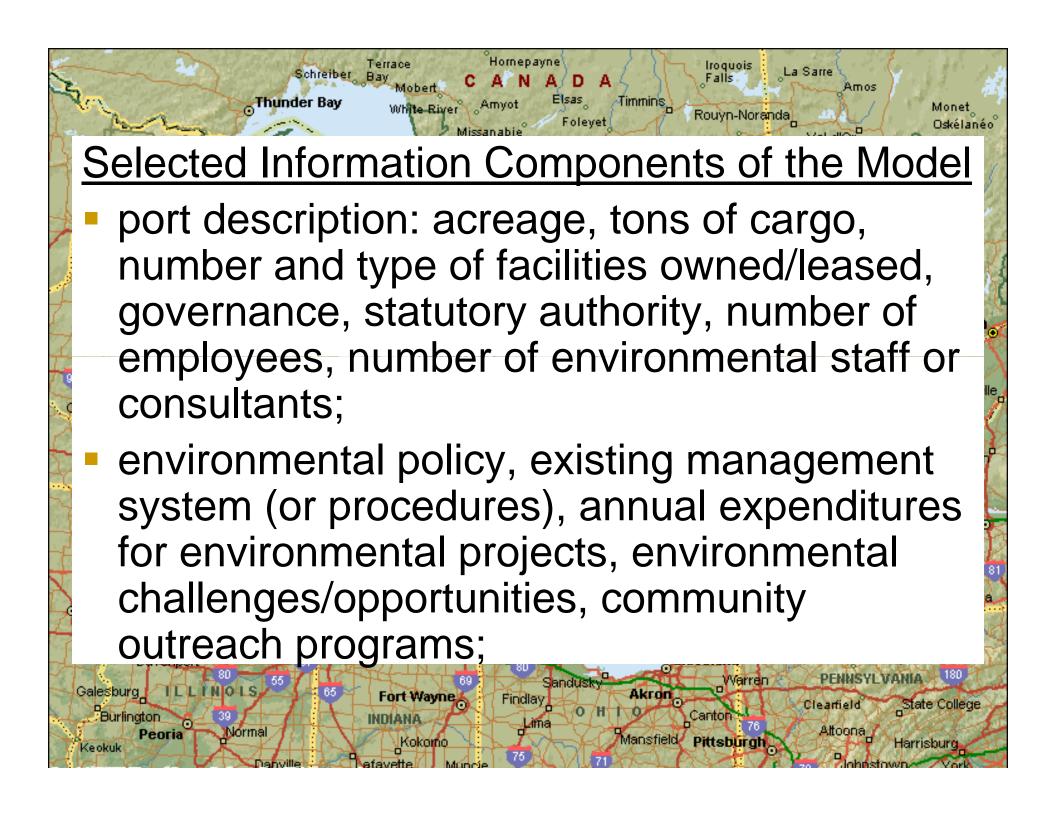






Schreiber Bay Aspects of the Model Evaluation Tool provisions of leases and other forms of agreement governing tenant operations and their potential impact on the environment; regulatory compliance and permit status of the port authority and its tenants; infrastructure and management systems provided by port authorities or tenants to prevent or control spills/run-off of materials that could contaminate property, stormwater or waterways;





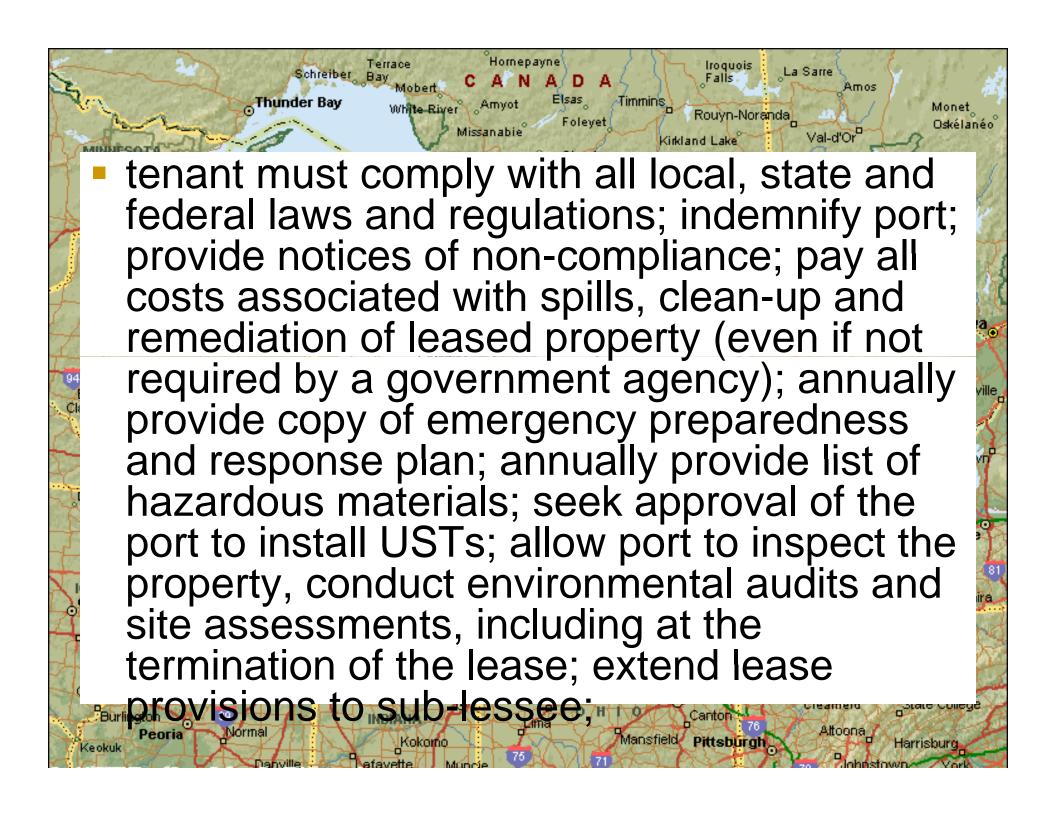
Terrace Hornepayne Iroquois La Sarre Amos

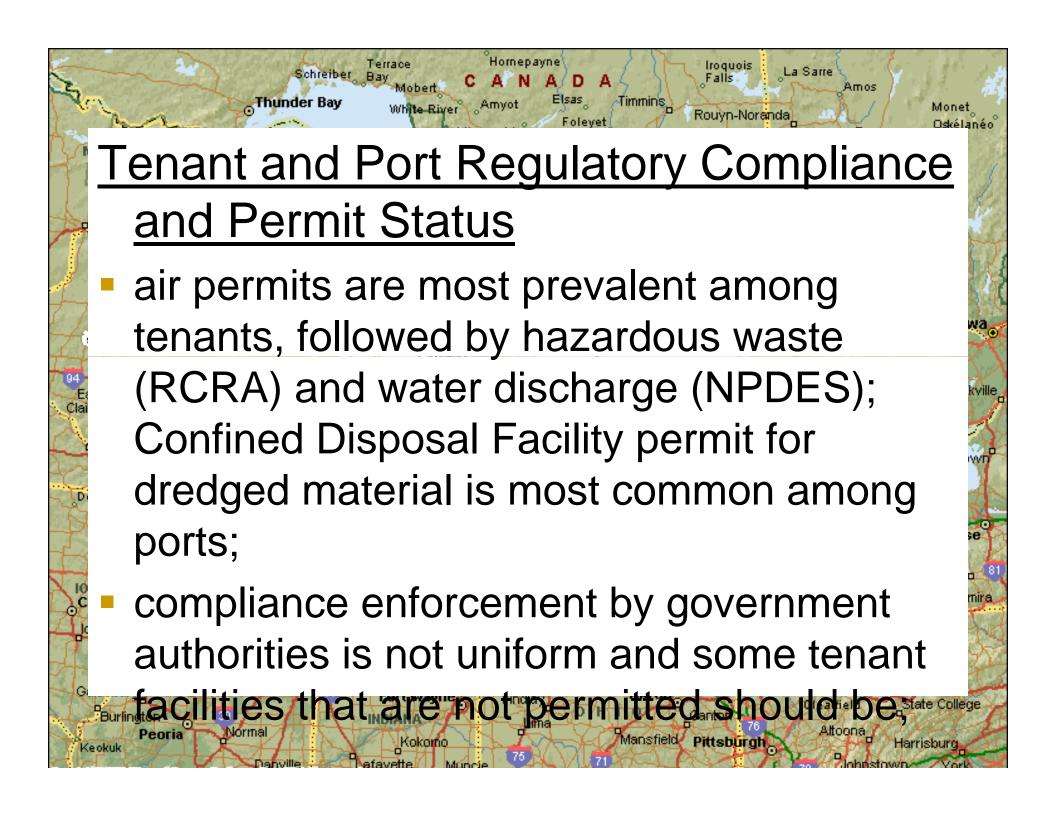
Thunder Bay White River Amyot Elsas Timmins Rouyn-Noranda Oskélanéo

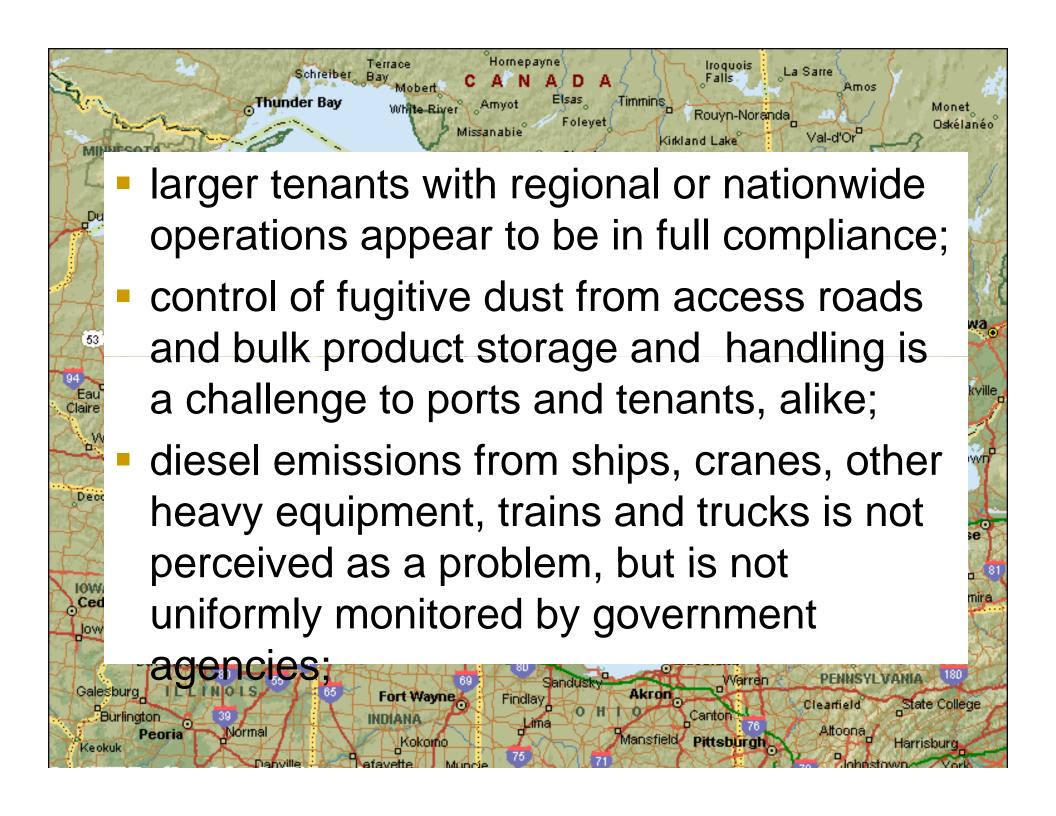
Examples of Lease Provisions Pertaining to Tenant Environmental Responsibilities

- tenant must comply with all federal, state and municipal environmental laws, regulations, ordinances; agree to use the site consistent with its intended use; responsible for obtaining environmental permits;
- tenant must comply with all environmental laws and regulations; indemnify port with respect to claims, orders, actions regarding pollutants or toxic substances; responsible for clean-up and solely responsible for

keokuldamages;







Preventing/Controlling Stormwater Run-off and Hazardous Materials Spills

- stormwater run-off from bulk storage piles, tank farm secondary containment structures, piers and dredge areas is being addressed by the installation of infrastructure modifications (e.g., detention ponds, stormwater drains, catch basins, low-profile berms at the edge of piers, pier slopes away from the water); not all ports or tenants have stormwater management plans where they are required by state or federal regulations;
- liquid bulk tank farms and handling facilities and fueling facilities have federally-required Spill Prevention Control and Countermeasures (SPCC) Plans; some other facilities that may exceed the

