

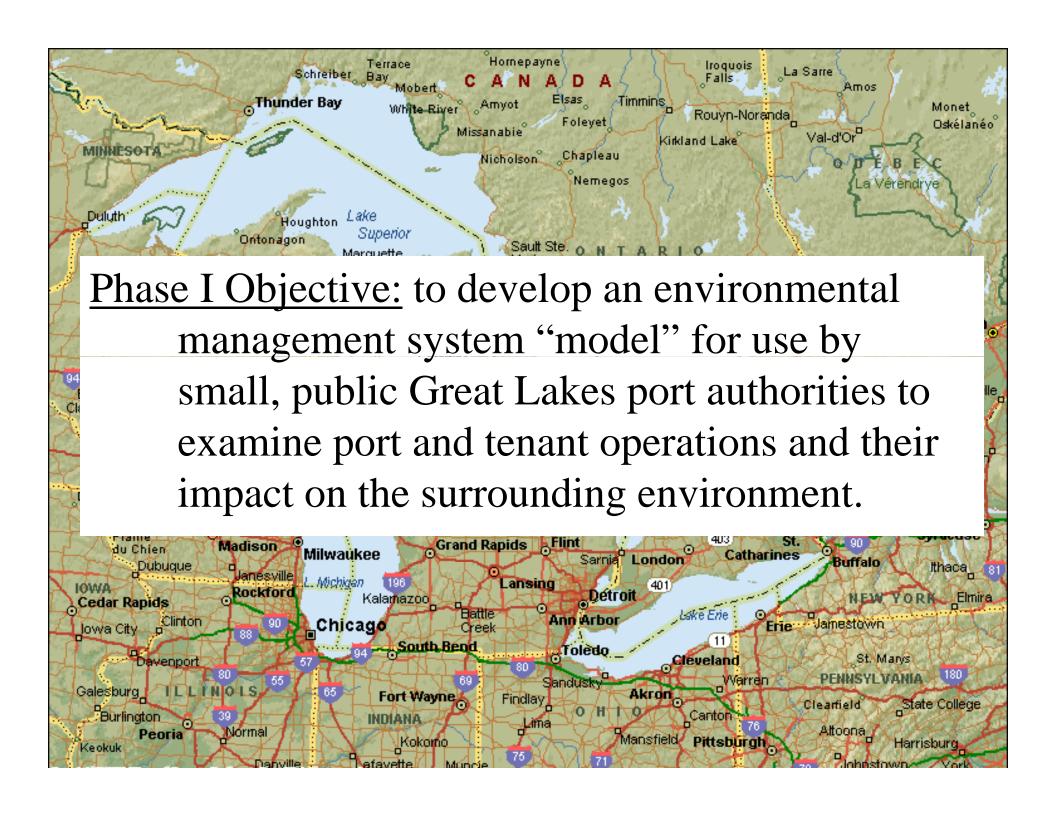
Port Environmental Assessment and Best Practices

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

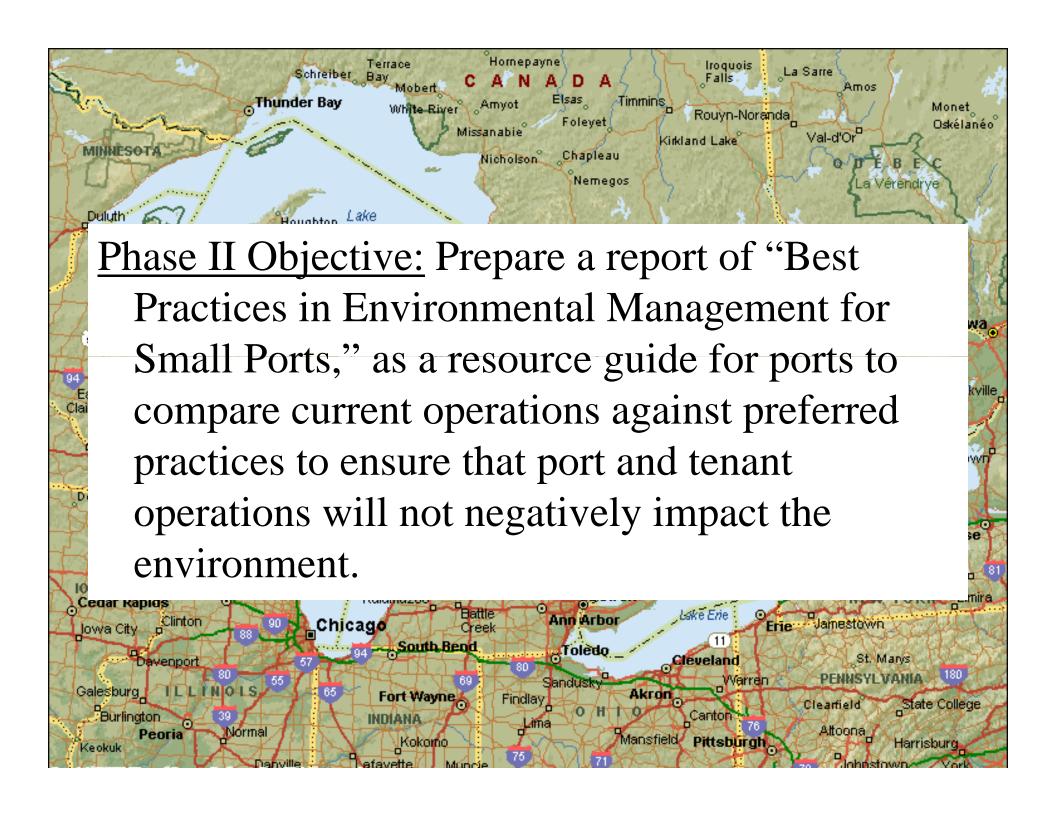
Steven A. Fisher
Executive Director
American Great Lakes
Ports Association

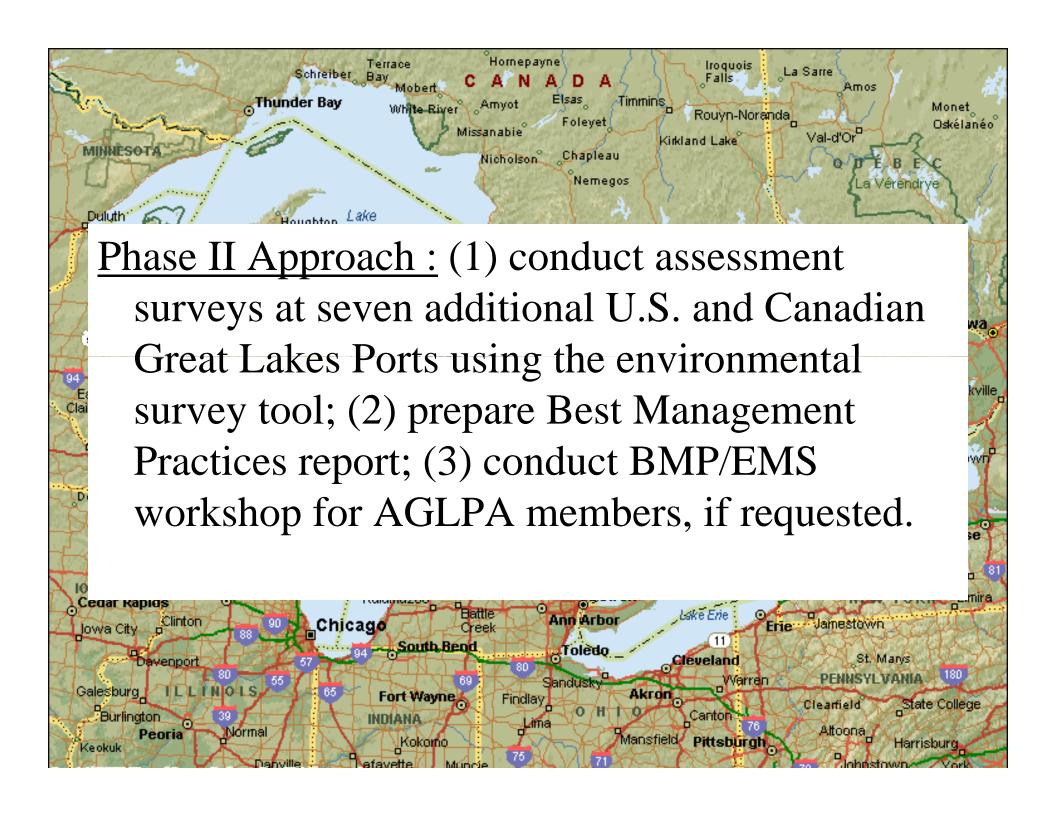
Detroit Kalamazoo Cedar Rapids Ann Arbor Jowa City Clinton Chicago Jamestovyn Erie Toledo St. Marys Davenport Fort Wayne Findlay State College Clearfield Burlington Altoona Peoria Mansfield Pittsburgh Kokomo Harrisbure

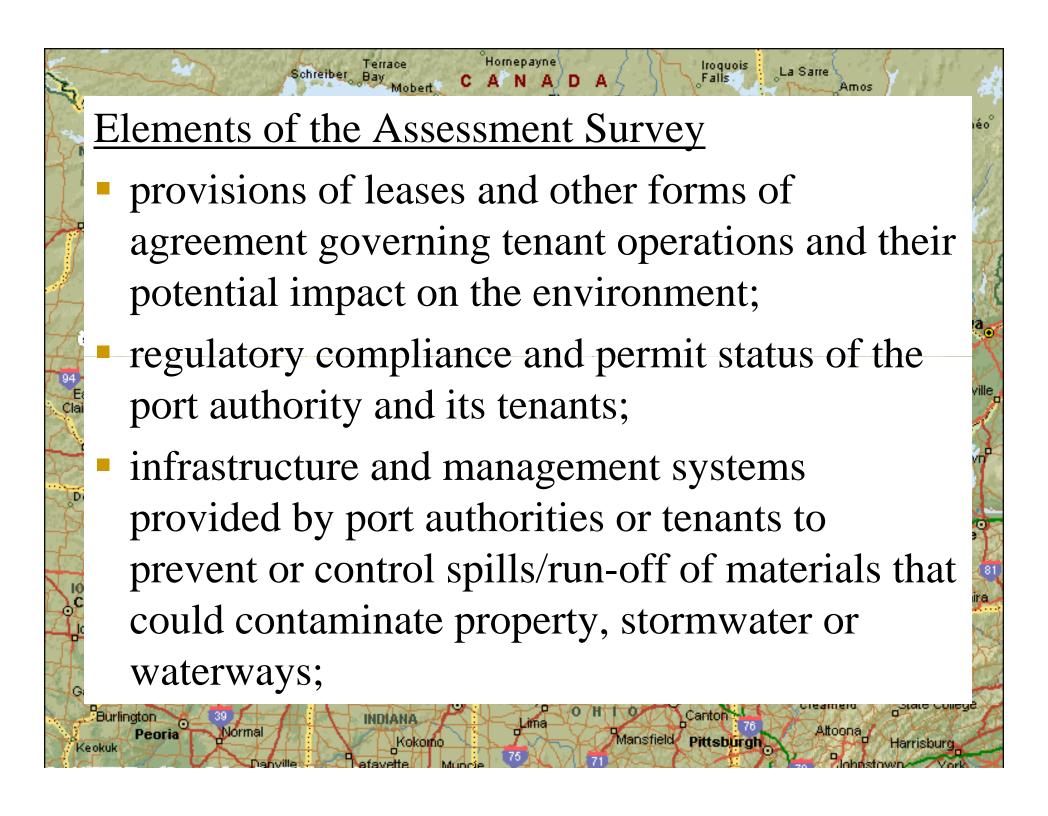








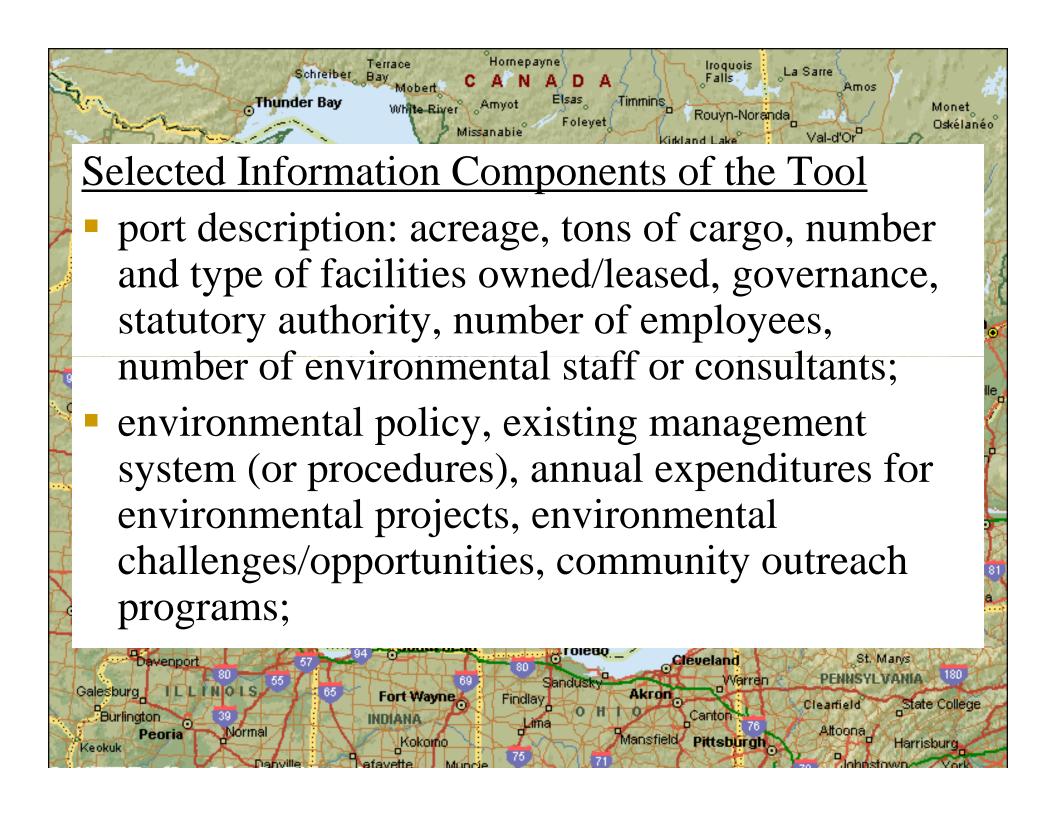


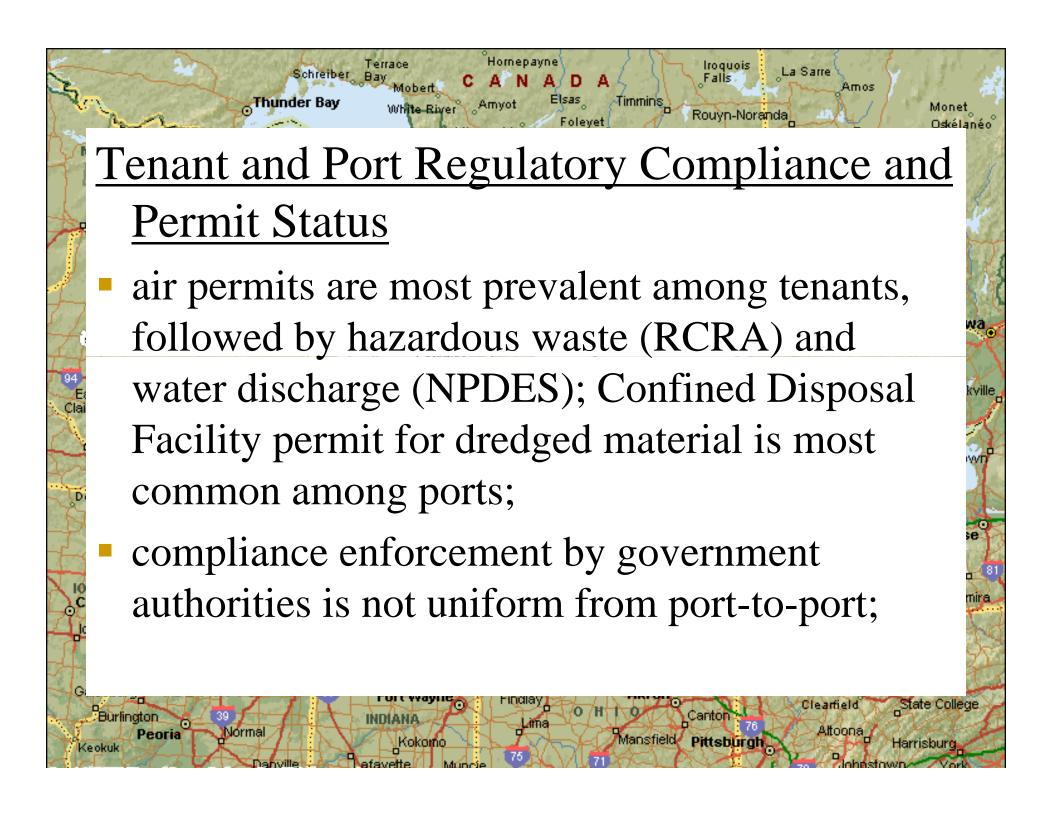


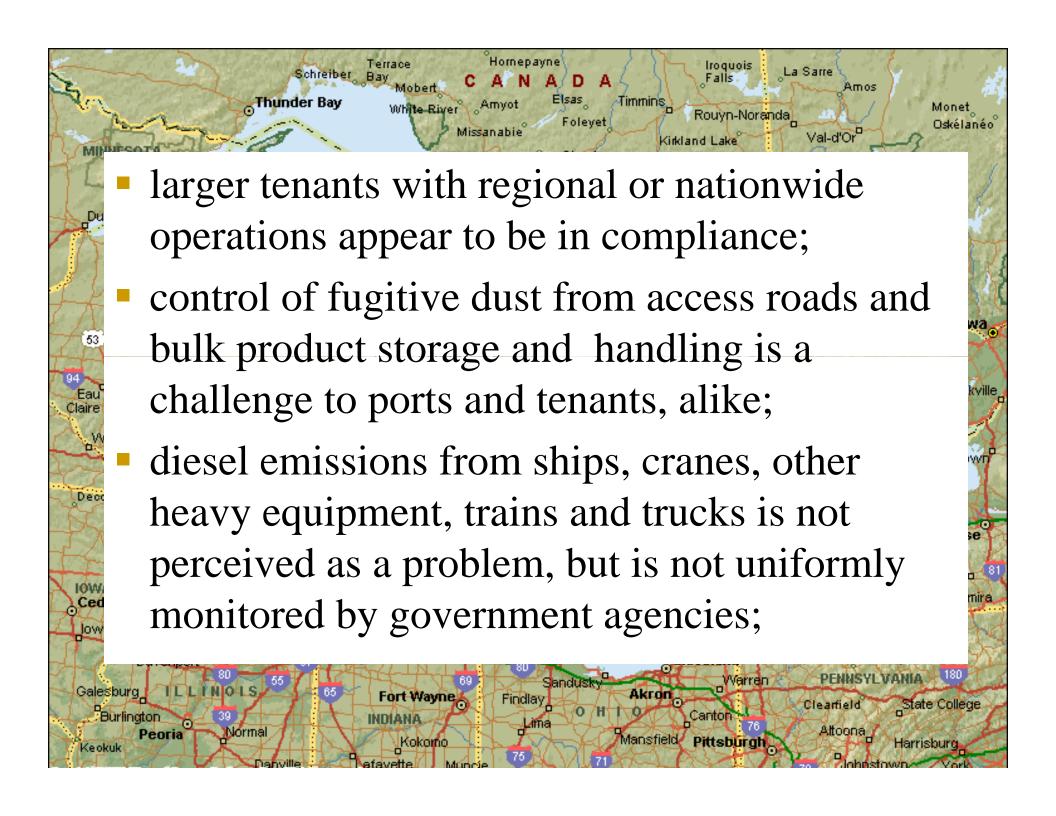


- relationship between the port authority and tenants, ship owners, rail lines, trucking companies and adjacent property owners regarding environmental protection (e.g., emergency response, spill clean-up, contaminated property remediation);
- past and recent environmental program accomplishments (e.g., wetlands restoration project) and community outreach on environmental matters;











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;





 liquid bulk tank farms and handling facilities and fueling facilities have federally-required Spill Prevention Control and Countermeasures (SPCC) Plans;



