



Point Place Business Association

Building a

Stronger

Community

Through Cooperation



PPBA HarborLands Initiative

- ✓ Creates outstanding fish and bird habitats and destinations for recreational boaters
- ✓ Creates an ongoing tourism attraction enhancing green business growth in the US Midwest and will be a destination for bird watchers, naturalists and boaters worldwide
- ✓ Provides much needed capacity for the storage of Maumee River dredged materials
- ✓ Eliminates the Hazard to Navigation north of Toledo's main shipping channel (uncovers)
- ✓ Supports replenishment of Great Lakes fish stocks



GREAT LAKES

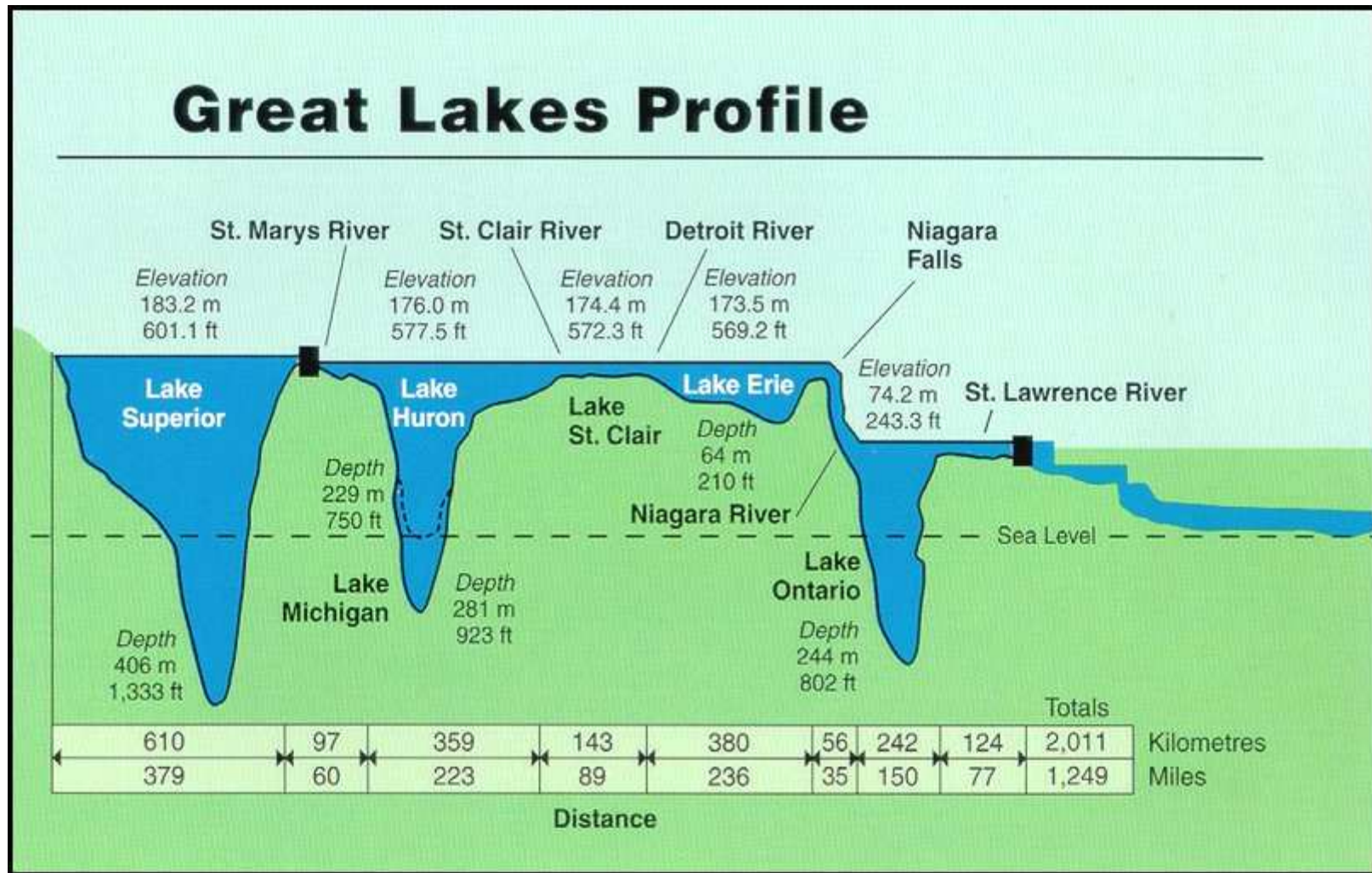
- **20% World's surface fresh water**
- **90% US surface fresh water**
- **40 million people's drinking water source**



WESTERN LAKE ERIE PART OF THE GREAT LAKES

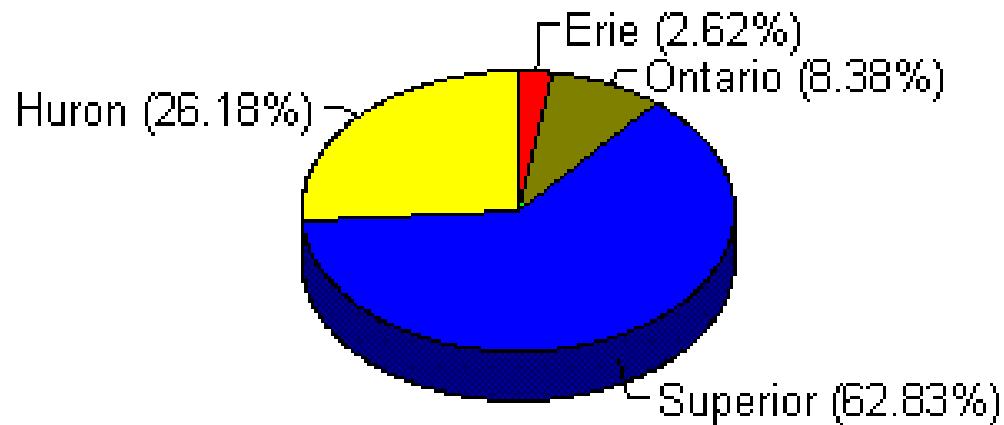


LAKE ERIE SHALLOW



GREAT LAKES WATER VOLUME

Volume of Water



Lake Erie...



- More Fish for Human Consumption than all other Great Lakes Combined
- Three Basins – Average Depth 62'
- Warmest, Shallowest of all of the Great Lakes
- Walleye Capital of the World
- 871 Shoreline Miles
- Retention 2.6 years– Great Lakes shortest

Western Lake Erie

One of the Best Bird Watching Areas in the Nation

- Over 300 Species - \$5.6 M to Area from Bird Watchers

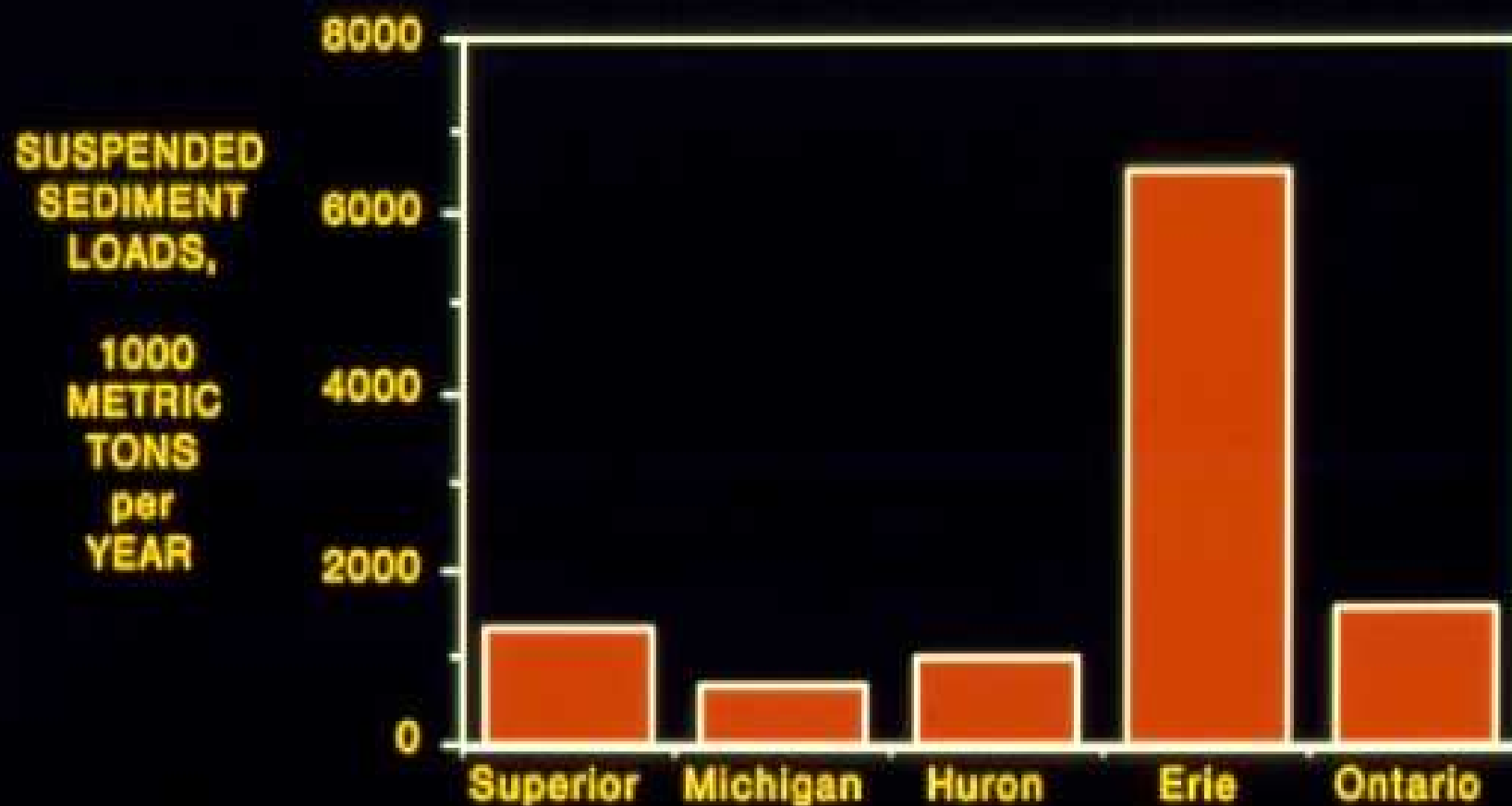


Western Lake Erie

GL Warmest, Shallowest, Fishiest Waters

- **Great Lakes Nursery**
- **32% Lake Erie's Shoreline**
- **13% of Lake Erie's Area**
- **5% of Lake Erie's Volume**
- **24' Aver. Depth**
- **Sturgeon Returning**

TRIBUTARY LOADING OF SUSPENDED SEDIMENTS INTO THE THE GREAT LAKES



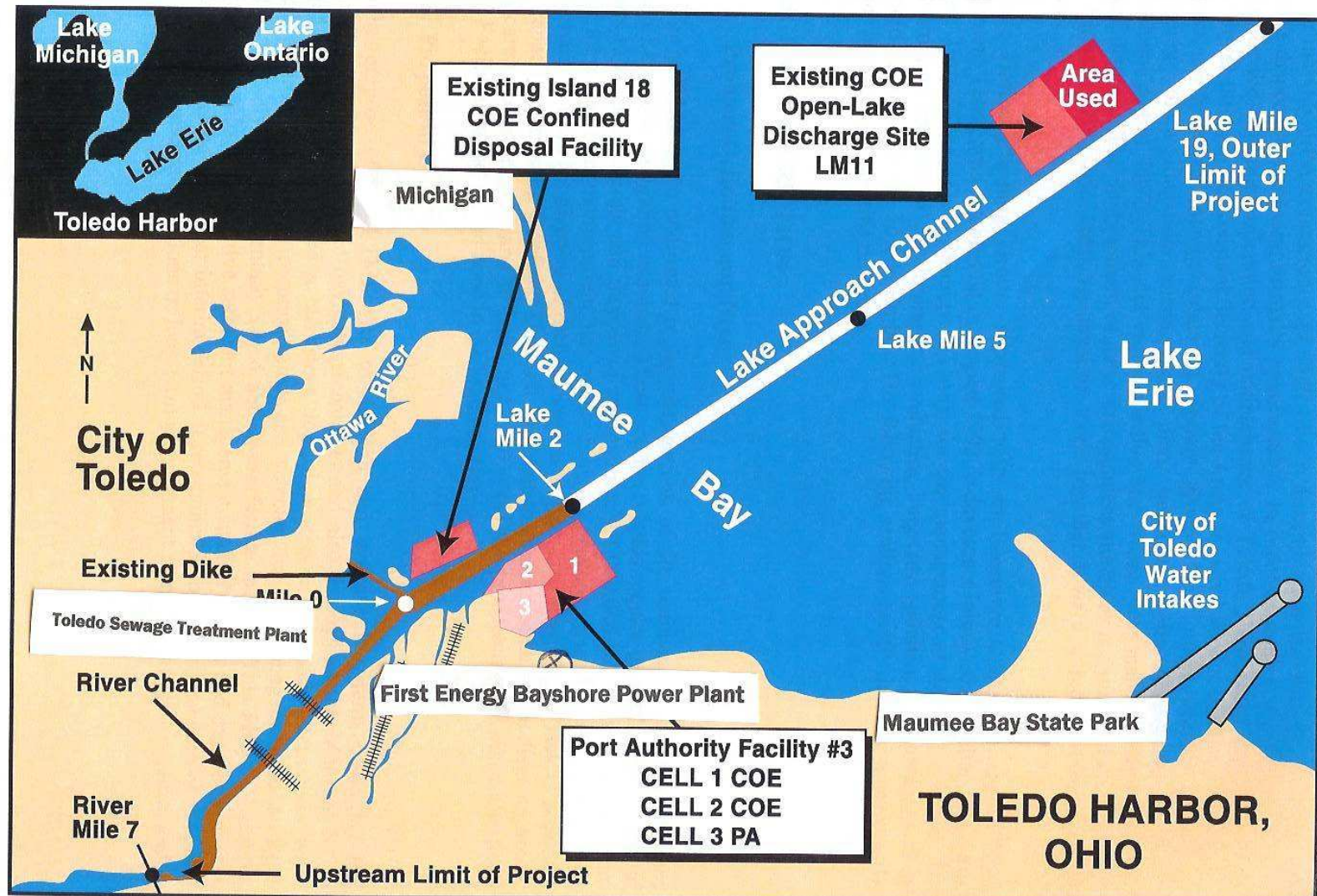
Data from IJC, 1978 (PLUARG Final Report)

Toledo Harbor – Most Dredged in the Great Lakes – Up to 19 miles

Average 800,000 cubic yards /year



Toledo Shipping Channel Sediments Open Lake Dumped or Confined Disposal Facility



THE TOLEDO LIGHTHOUSE

Where Lake Erie meets Maumee Bay
& the Toledo Shipping Channel



May 11, 2005

“Maumee dredging is the largest project of its kind in the country. The river builds up 3 million cubic yards of sludge each year, but only a maximum of 850,000 tons are removed. So we are always losing. WE’VE RUN OUT OF OPTIONS.”

Seaport Director, Warren McCrimmon



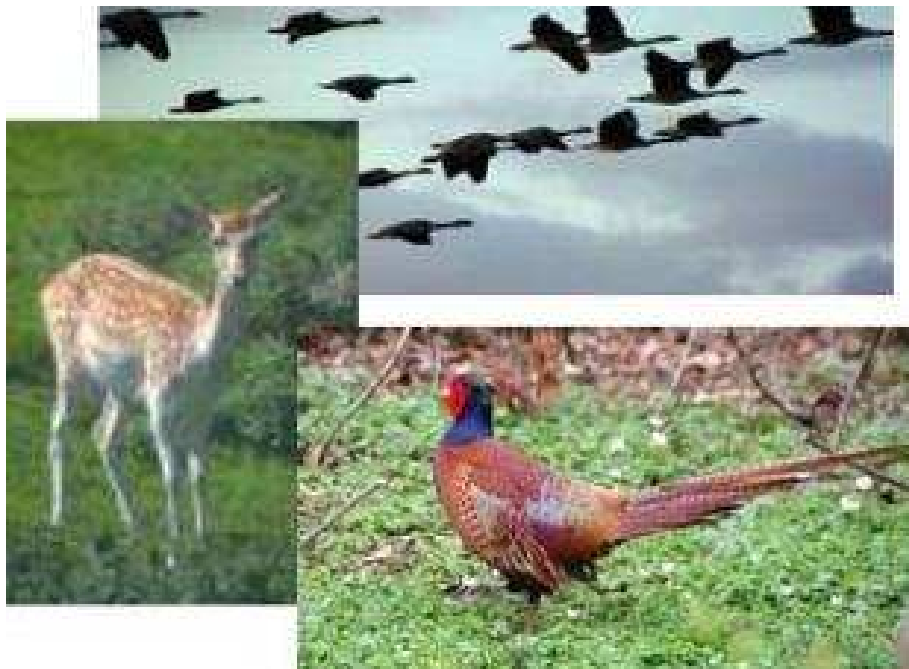
The Blade, February 23, 2007

U.S. Rep. Marcy Kaptur spokesman, Steve Katich:

“It is a Great Lakes problem, and one that many Great Lakes legislators have been looking at.”



There exists Plenty of Support for Wildlife Habitat...



- National Resources Conservation Service
- Department of Natural Resources
- National Wildlife Federation
- Wildlife Habitat Council
- Ducks Unlimited
- Audubon Society
- Naturalists Organizations



Sustainable Project



Three Legged Stool

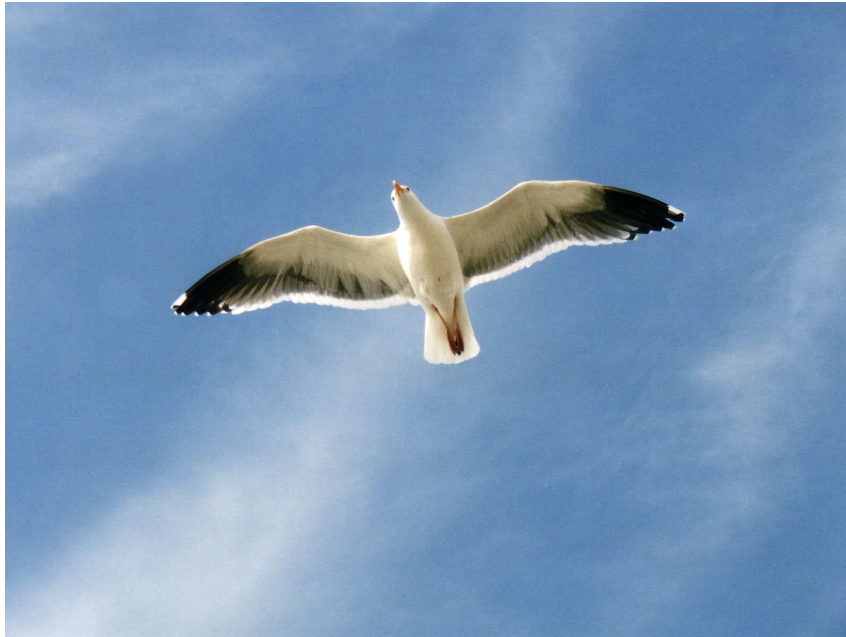
- Enhances or maintains the natural environment
- Aligned with community interests
- Generates positive economic development

all in the best
interest of future
generations



Port of Houston Habitat Restoration Unit





HarborLands Initiative



- Opportunity for natural habitats and the preservation of Maumee Bay
- Provides a potential “destination” for Great Lakes recreational boaters, and support for outstanding resort locations on the mainland. The result should positively impact local yacht clubs, increase tax base and encourage business development



Facility 3



WHERE WE FIND OURSELVES TODAY...

- Dredging crisis driven by the lack of available Confined Disposal Facility space
- Sediment Trend Analysis is completed for Maumee Bay
- Army Corps. Of Engineers actively investigating Habitat Restoration Units
- Success of Habitat Restoration Units nationwide



**OUR EFFORTS CAN ENSURE
CONTINUED SUCCESS IN THE
POINT PLACE / SHORELAND AREA
AND TOLEDO, OHIO**



Thank You

Toledo-Lucas County Port Authority
Warren D. McCrimmon, Seaport Director
+1 419 243 8251
wmccrimmon@toledoportauthority.org
www.toledoseaport.org