US ERA ARCHIVE DOCUMENT

# Great Lakes Binational Toxics Strategy Sediment Goal Update

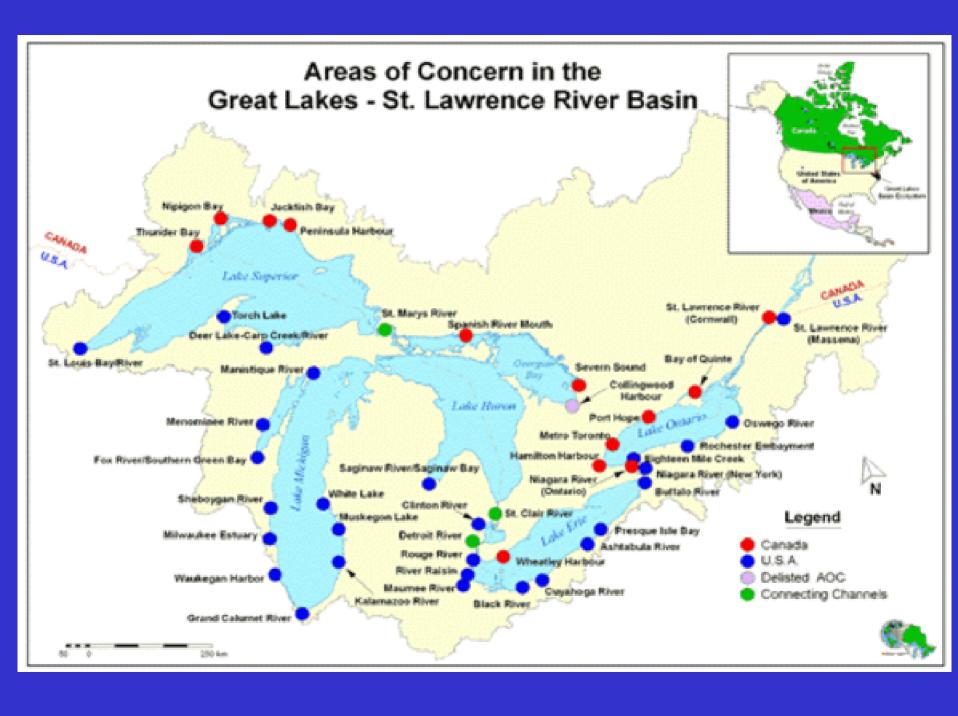
Dave Cowgill USEPA

**Great Lakes National Program Office** 

May 23, 2007

### Sediment Challenge

• <u>U.S. and Canadian Challenge</u>: Complete or be well advanced in remediation of priority sites with contaminated bottom sediments in the Great Lakes Basin by 2006.



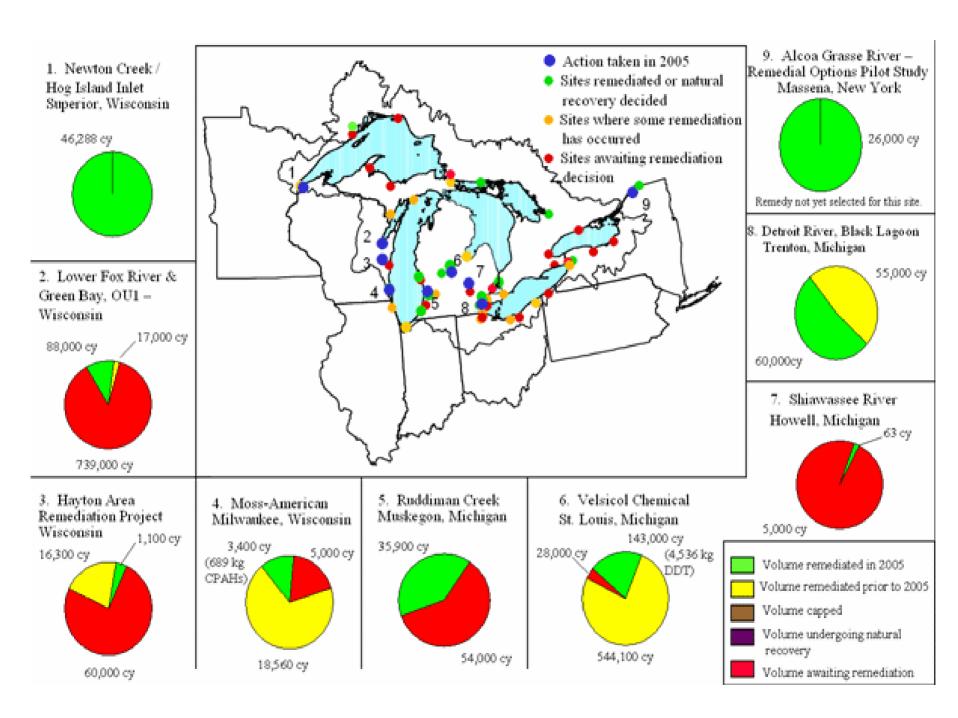
#### So, How much is left?

- Early estimates of 40,000,000 cubic yards of contaminated sediment in the Great Lakes with an estimated cost of \$2-6 Billion for remediation
- The U.S. Policy Committee has recently updated those estimates as a commitment made in the Great Lakes Strategy to be approximately 75 million cubic yards, and an associated cost range from \$1.5-4.5 Billion for remediation

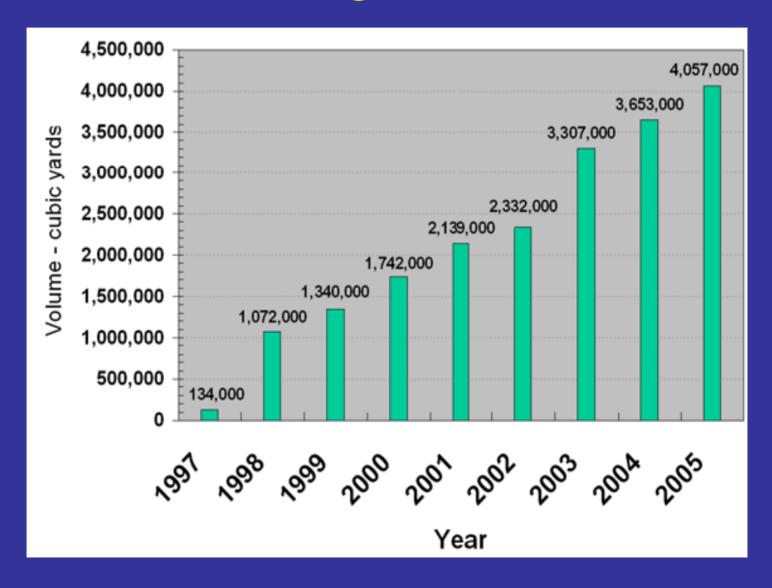
### Magnitude of the Problem on the U.S. Side

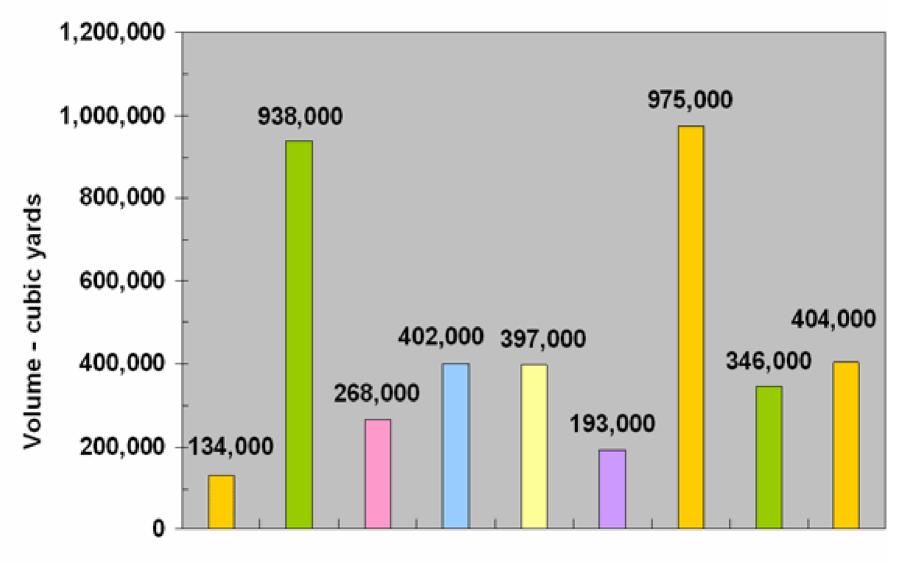
Recent Estimates provided by Great Lakes States:

- ~ 75 Sites identified
- ~75,000,000 cubic yards identified
- ~46,000,000 cubic yards to be remediated



### Tracking Volume





1997 1998 1999 2000 2001 2002 2003 2004 2005 Year

### Tracking Contaminant Mass

Table 0-1. Progress on Settment Remediation in the Great Lakes since 1997:

SEMADONIO ACCUS		Consistive Name of Contembant Remodulated (kg)											Germanistina		
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Manchove River, Mr.	I		П							6275		П	194,542		Langtiero

## Canadian Progress — Sediment Remediation 1997-2006

- Remediation completed, underway or planned at 4 locations
- Decisions made for non-intervention/natural recovery at 2 locations
- Further 9 sites are subject to ongoing site characterization and decisions on intervention/remediation are pending