

WEDA Opening Remarks

Bill Chapman

Operations Chief

Great Lakes and Ohio River Division

April 10, 2014

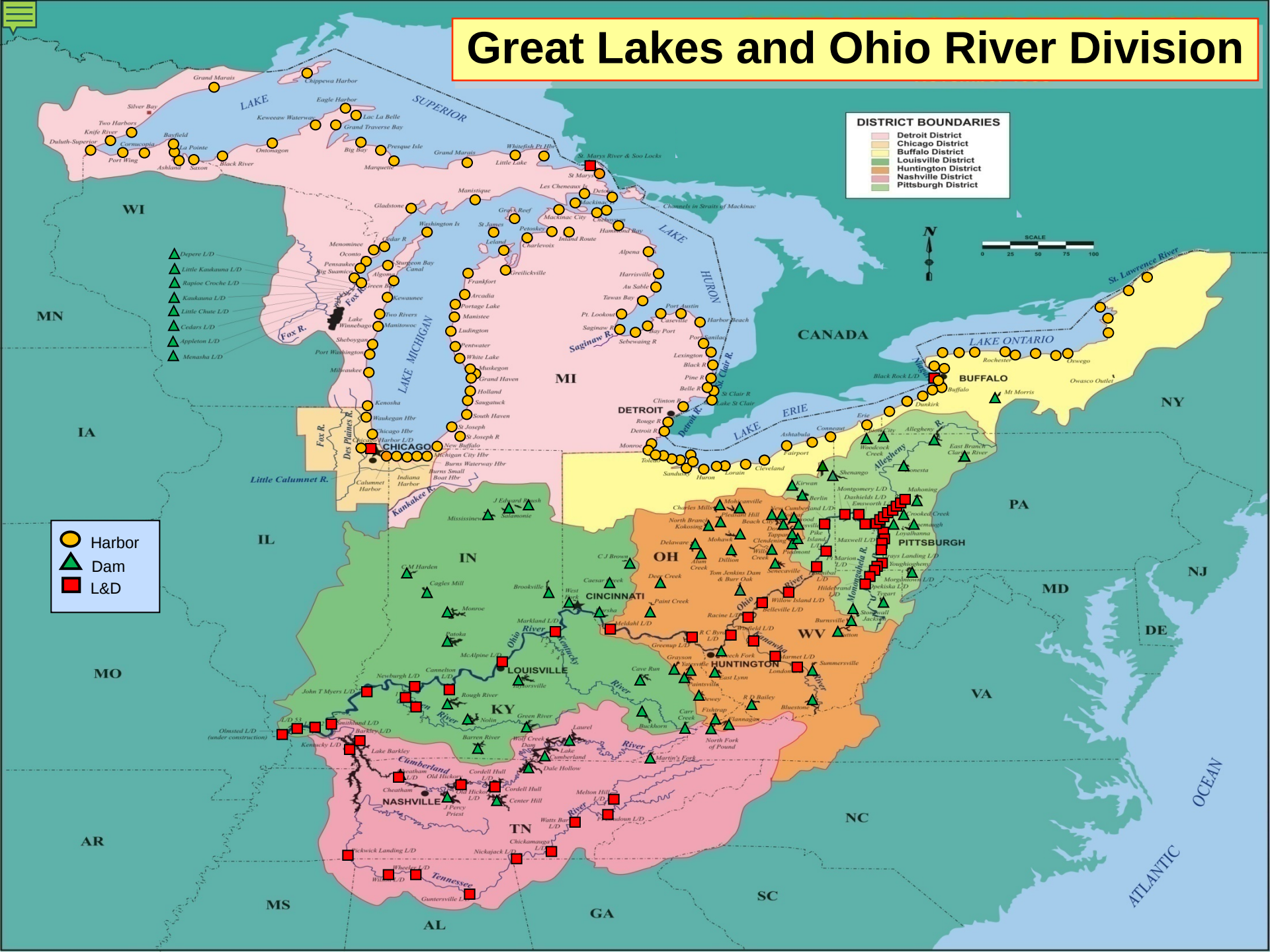


US Army Corps of Engineers

BUILDING STRONG®



Great Lakes and Ohio River Division





Navigation

Features

Ohio River System

- Year round navigation
- 56 active navigation projects, 88 chambers, average age is 58 yrs
- 2688 miles of channel
- 3 shallow draft harbors
- Operate & maintain 10 TVA locks
- \$103B commodities

Great Lakes System

- 10-12 month variable season
- 3 active navigation projects with 4 operating chambers, average age is 71 yrs.
- 734 miles of channels
- 66 deep draft harbors
- 80 shallow draft harbors
- 150 miles of breakwaters
- International commerce
- \$10.7B commodities

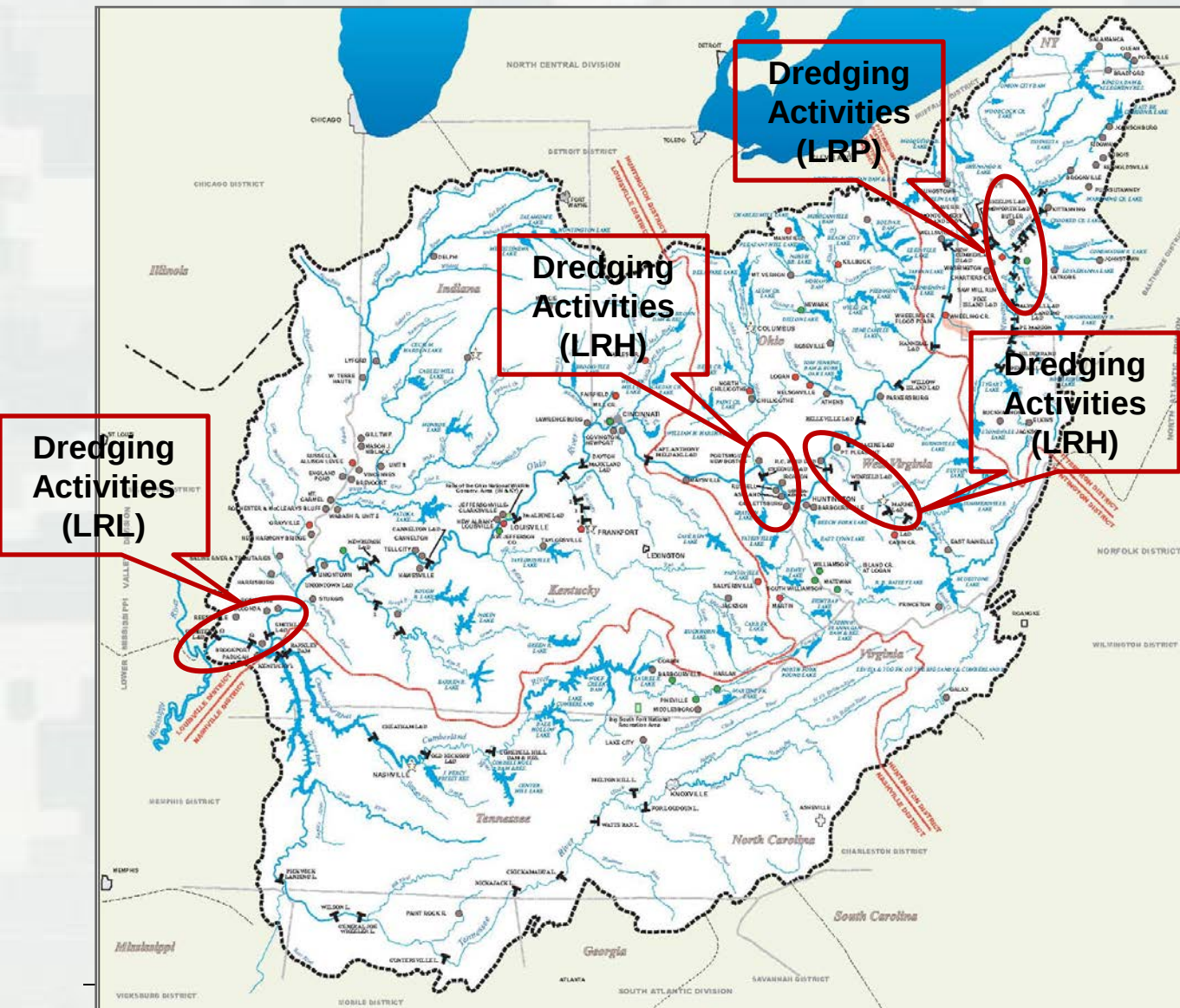




Ohio River Dredging



Ohio River Basin Dredging

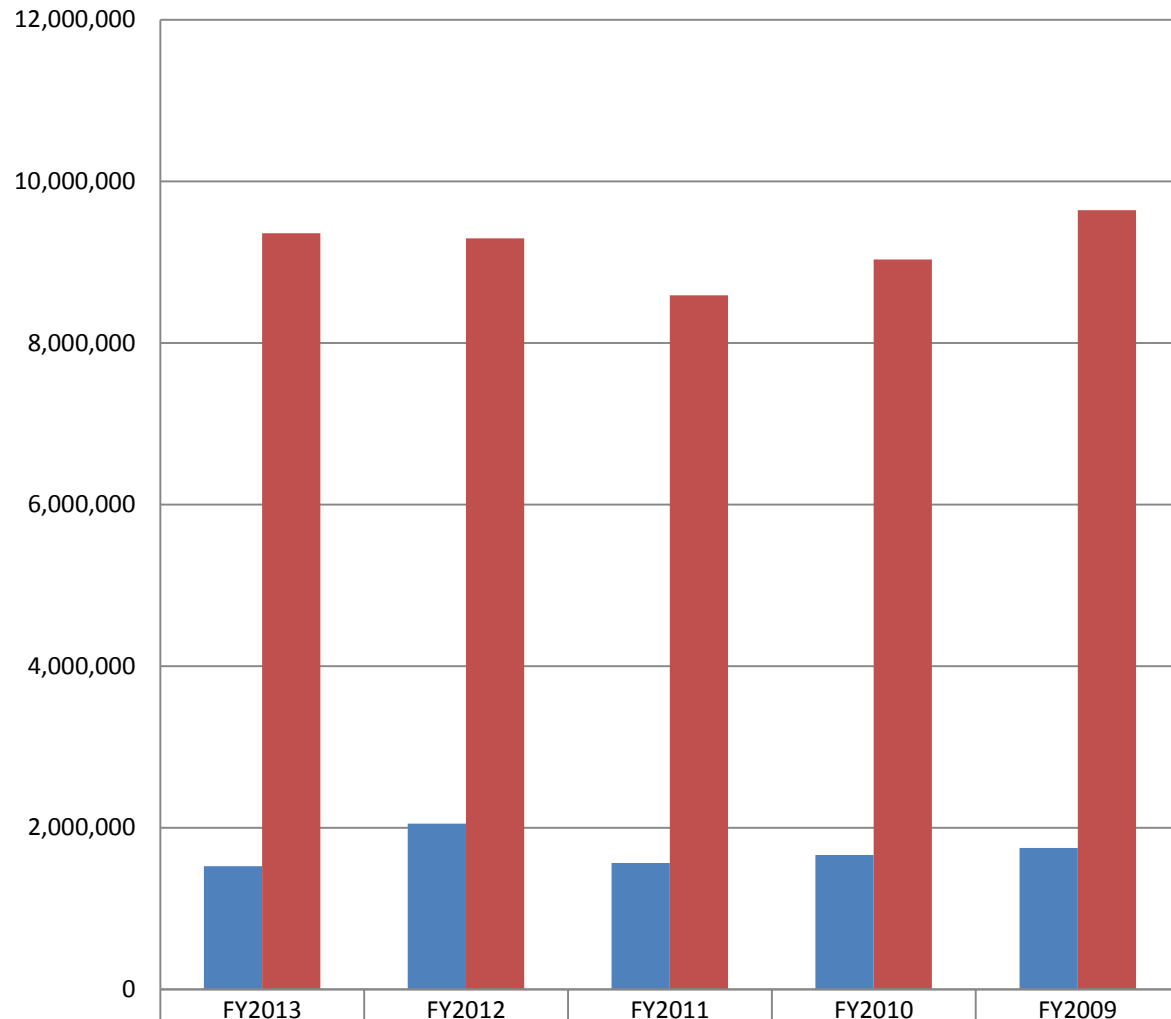


- 74 locks and dams
- 78 USACE multi-purpose reservoirs
- 31 TVA multi-purpose reservoirs
- 97 local flood protection projects



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Ohio River System Dredging



Ohio River Actual Cubic Yards Dredged (CY)	FY2013	FY2012	FY2011	FY2010	FY2009
	1,526,358	2,053,268	1,562,845	1,665,272	1,751,507
Ohio River Funding	\$9,357,335	\$9,293,148	\$8,587,770	\$9,030,844	\$9,642,437

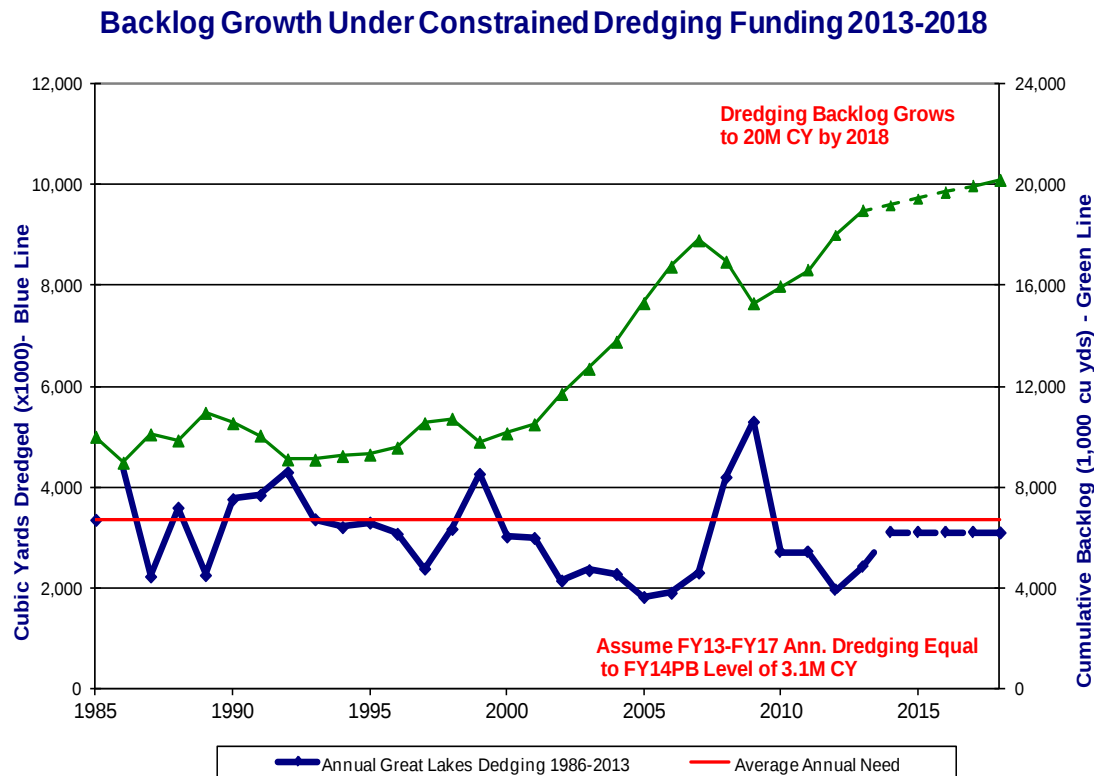




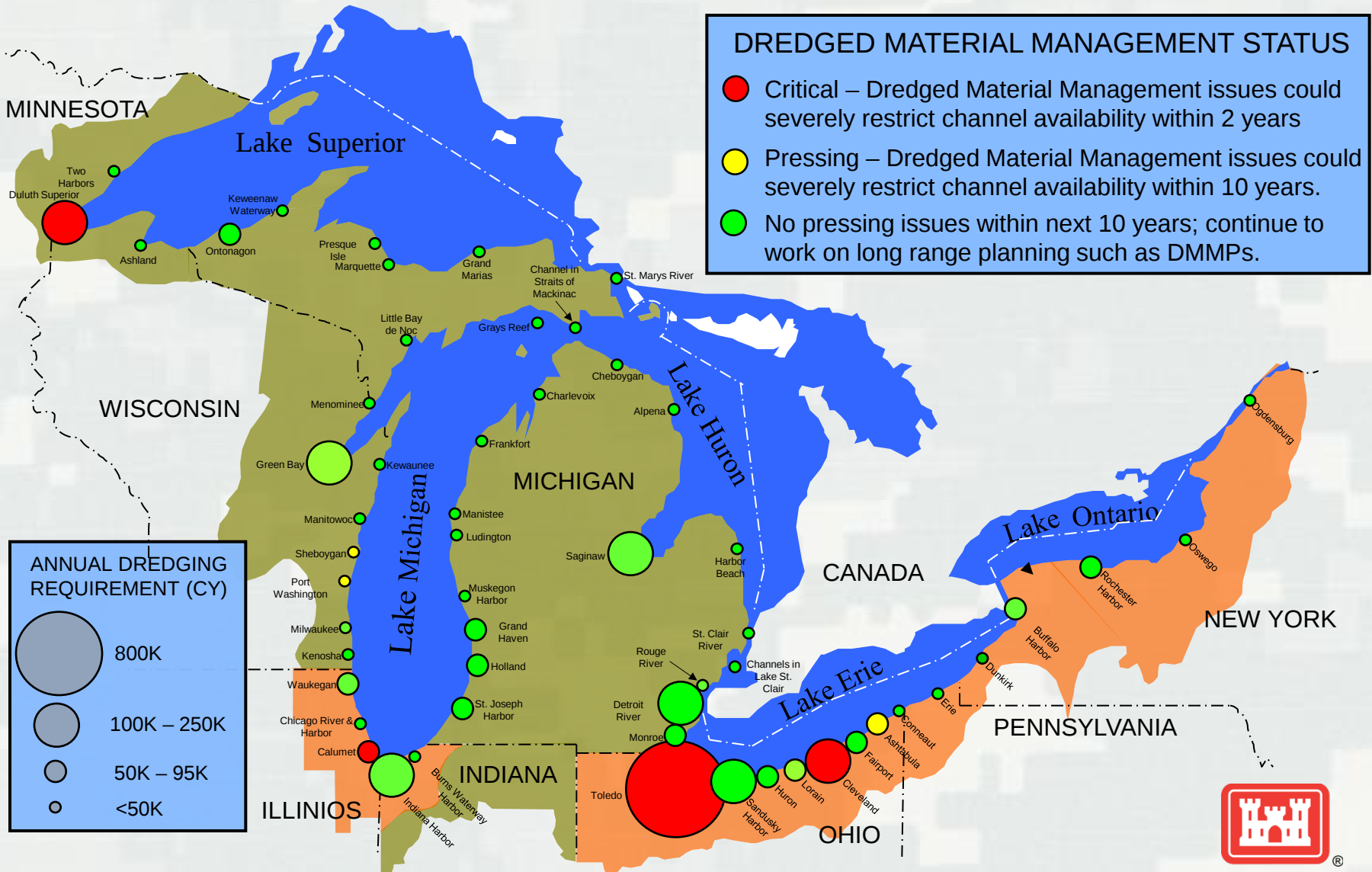
Great Lakes Dredging

• Initiatives to optimize dredging efficiencies:

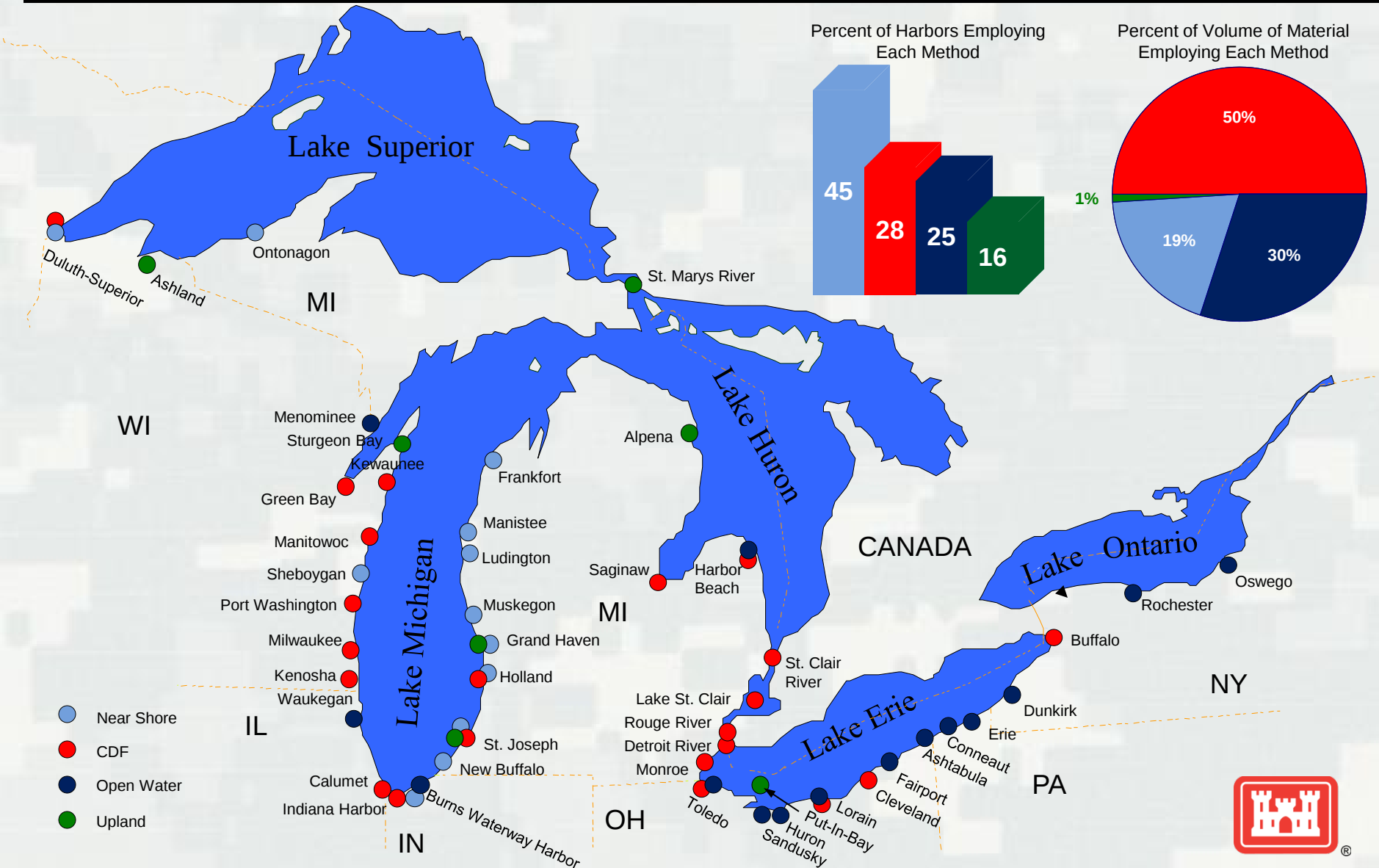
- ✓ Investigating the use of sediment traps
- ✓ Working with states on dredging windows flexibility
- ✓ Optimizing acquisition strategies
- ✓ Partnering with local sponsors to find beneficial use opportunities
- ✓ Reduce sediment load to harbors – making use of 516 program developing land best management practices models
- ✓ Maximizing the efficiencies of regional dredging provisions – applying dredging dollars to highest needs in the year of execution



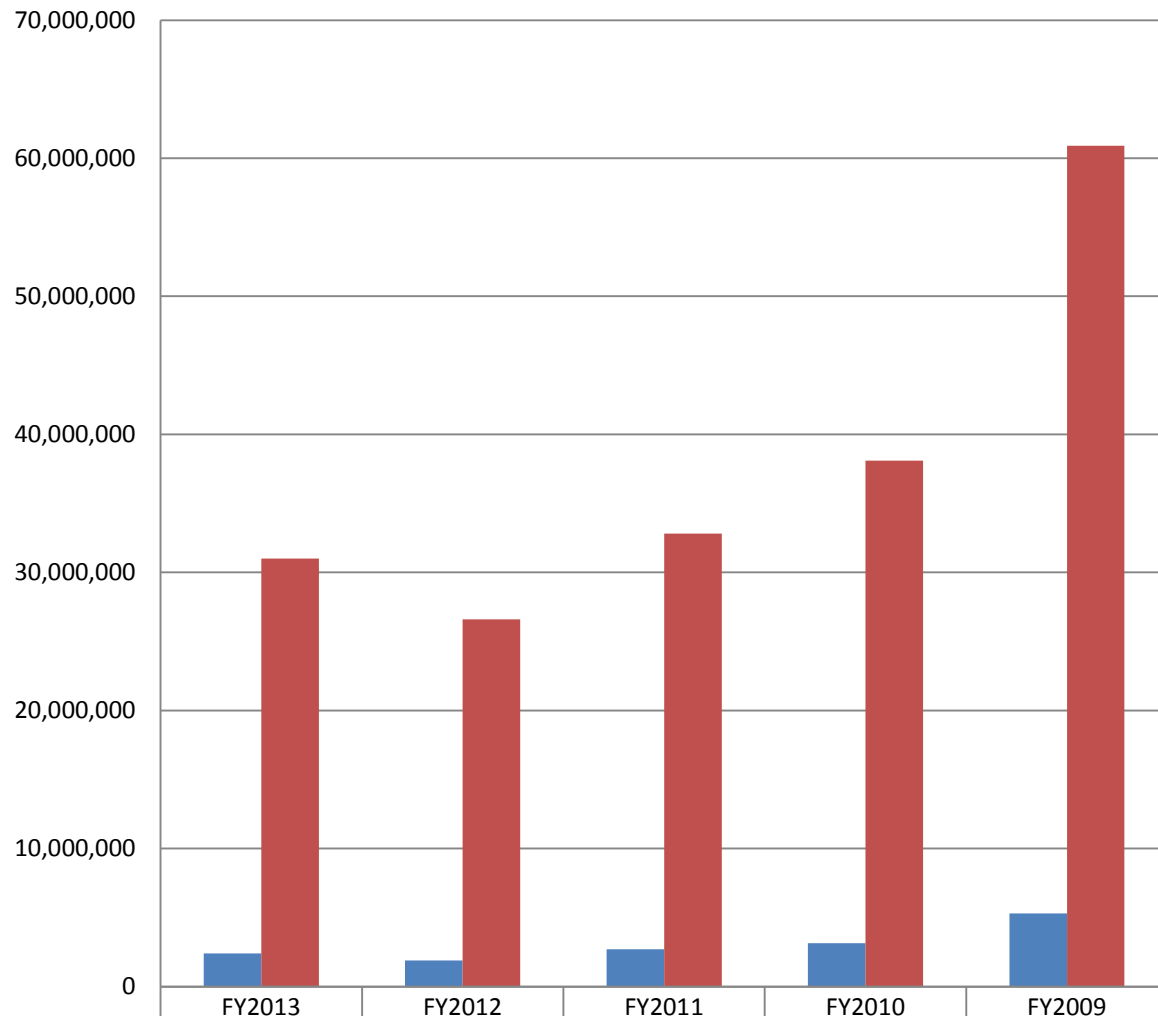
Current Dredged Material Management Conditions



Current Dredged Material Placement Methods



Great Lakes System Dredging



Great Lakes Actual Cubic Yards Dredged (CY)	FY2013	FY2012	FY2011	FY2010	FY2009
	2,400,000	1,900,000	2,700,000	3,140,000	5,300,000
Great Lakes Funding	\$31,000,000	\$26,600,000	\$32,800,000	\$38,100,000	\$60,900,000



Duluth-Superior Hbr 21st Ave. Pilot Project



Potential for three years placement of suitable dredged material

Pilot to demonstrate and monitor placement, dispersion, plant growth, etc.

Basis for pursuing similar sites of interest w/in the harbor

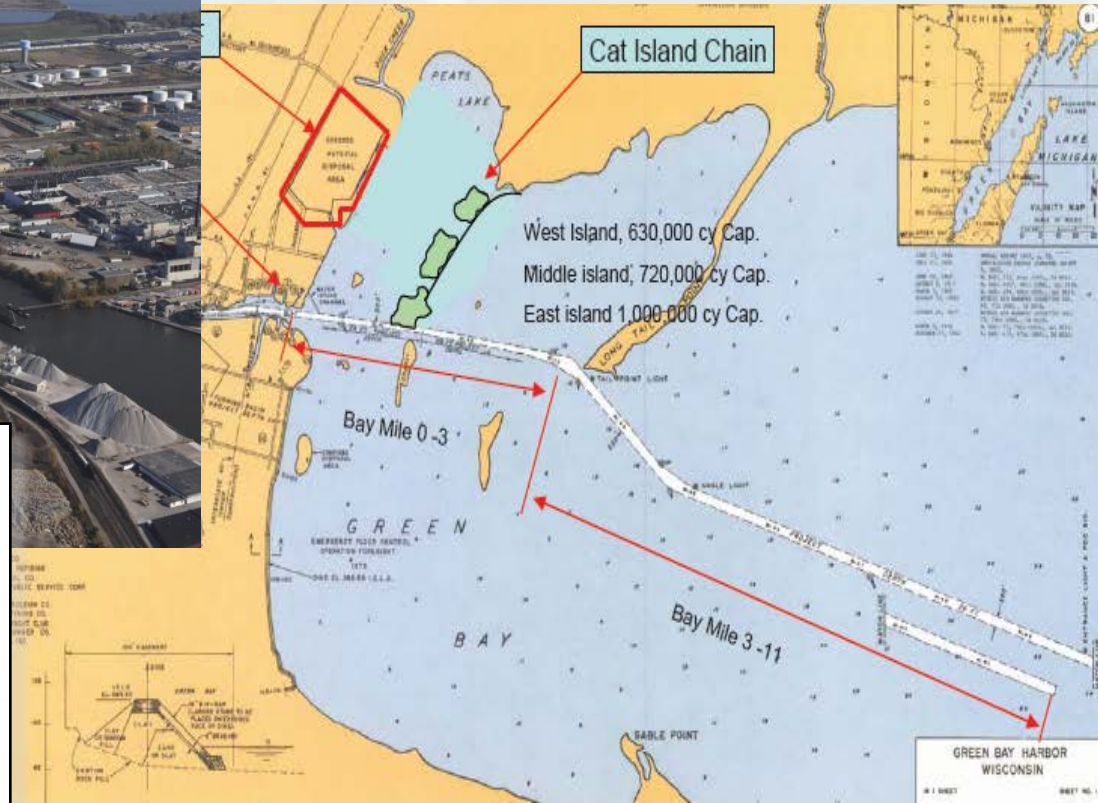
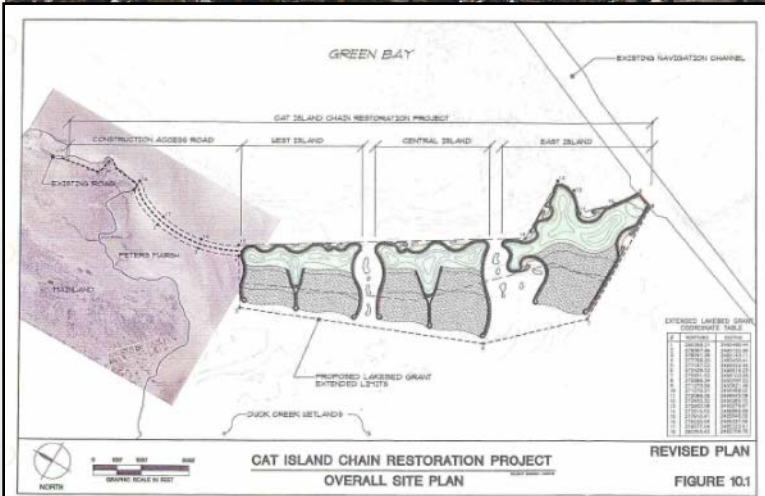


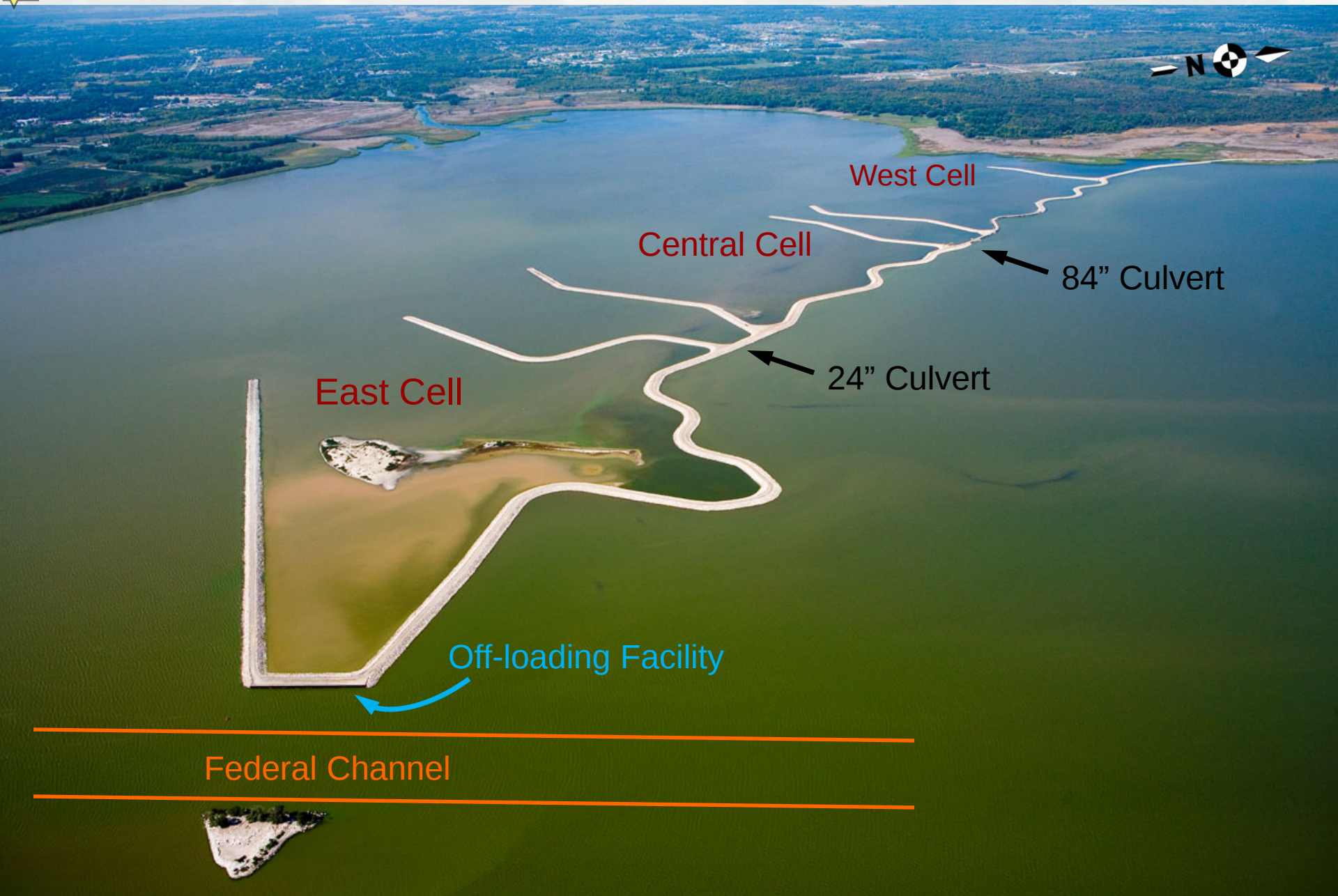
BUILDING STRONG®

Green Bay – Cat Islands



Funded by GLRI and E&W
Provide for 2.35M cy of disposal capacity
Provide significant reduction in M/D costs
Restores over 1400 acres of habitat





Questions

Contact:

William R. Chapman III, P.E.

Chief, Operations Division

Great Lakes and Ohio River Division

(513) 684-3057