

USACE – ST LOUIS DISTRICT

Presentation for

WEDA – Midwest Chapter

By Lance Engle
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Operations Division
St. Louis District

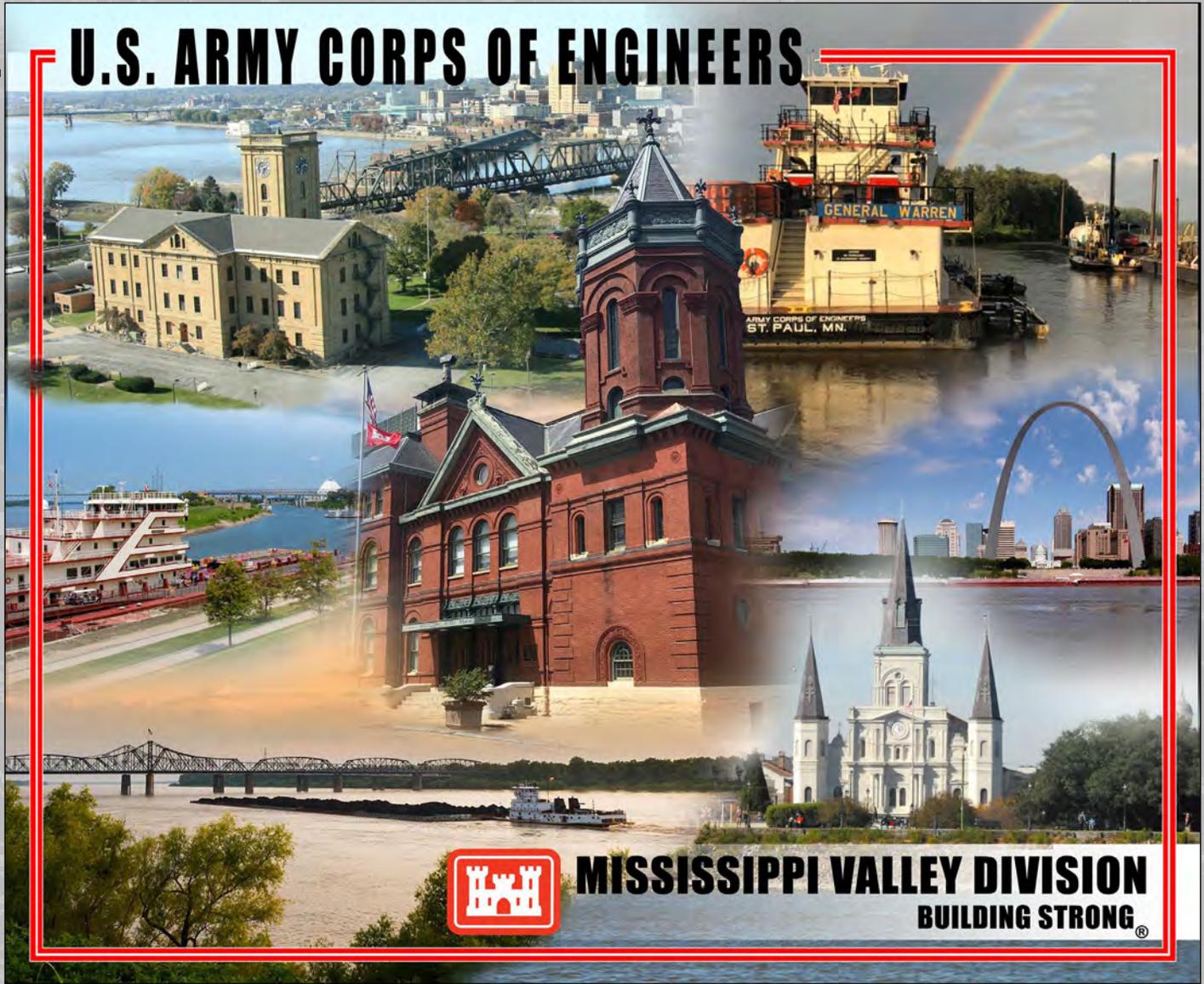
18 March 2021



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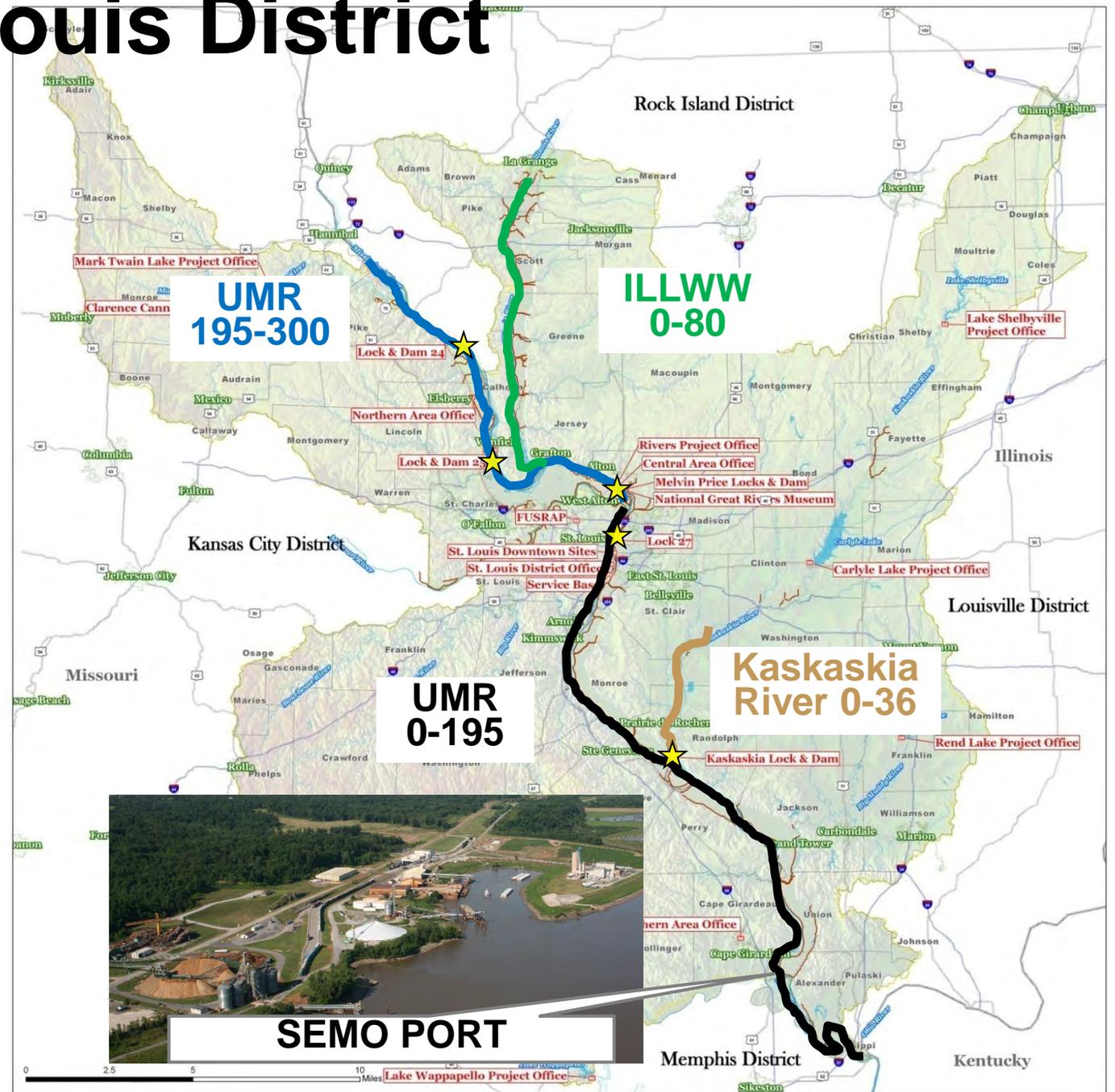
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NAVIGATION SYSTEM

- 5 lock & dam sites ★
- 416 Miles of 9-Foot navigable channel
- Authorized Projects:
 - UMR 195 – 300 “UPPER RIVER“
 - UMR 0 – 195 “LOWER RIVER”
 - ILLINOIS WATERWAY 0 – 80
 - KASKASKIA RIVER 0 – 36
 - SEMO PORT at mile 48 UMR



St. Louis District

Channel Maintenance Surveys

- USACE M/V PATHFINDER
 - ▶ Channel Patrol

- Hydro Survey Contracts
 - ▶ Bowen Engineering & Surveying
 - ▶ Prairie Engineering Inc



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Dredge Plant Equipment



USACE DREDGE POTTER
07 Jul 20 – 8 Jan 21
7-13 Feb 21

[CATEGORY NAME]
[PERCENTAGE]

Dredge Utilization
by Cubic Yard



USACE DREDGE GOETZ
6 Sep – 3 Oct 20

[CATEGORY NAME]
[PERCENTAGE]

Bill Holman
4%

Other
1%

Louisville District Contract Dredge: Bill Holman, Luhr Bros.



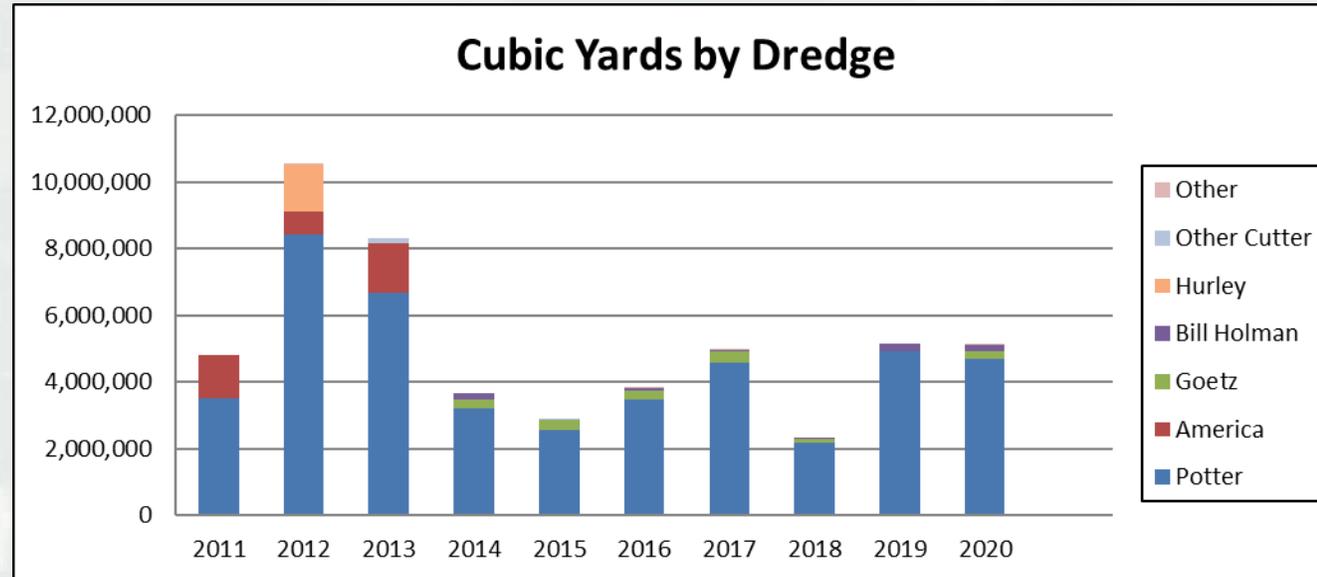
SEMO PORT 27 Aug - 3 Sep 2020
Kaskaskia Mouth: 04 - 10 Sep 2020



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Channel Maintenance Totals



2020 Totals

2020 Dredge Season totals thru **13 Feb 2021**

Dustpan: 4,698 CY

Cutterhead: 413k CY (Goetz & Bill Holman)

Gov Mech: 55k CY

Total: 5,167k CY



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Kaskaskia River Contract Dredge



14" Cutterhead: base + 4 option years

Kaskaskia / Carlyle Lake Project

Currently in 3rd option year

Next Solicitation: FY23



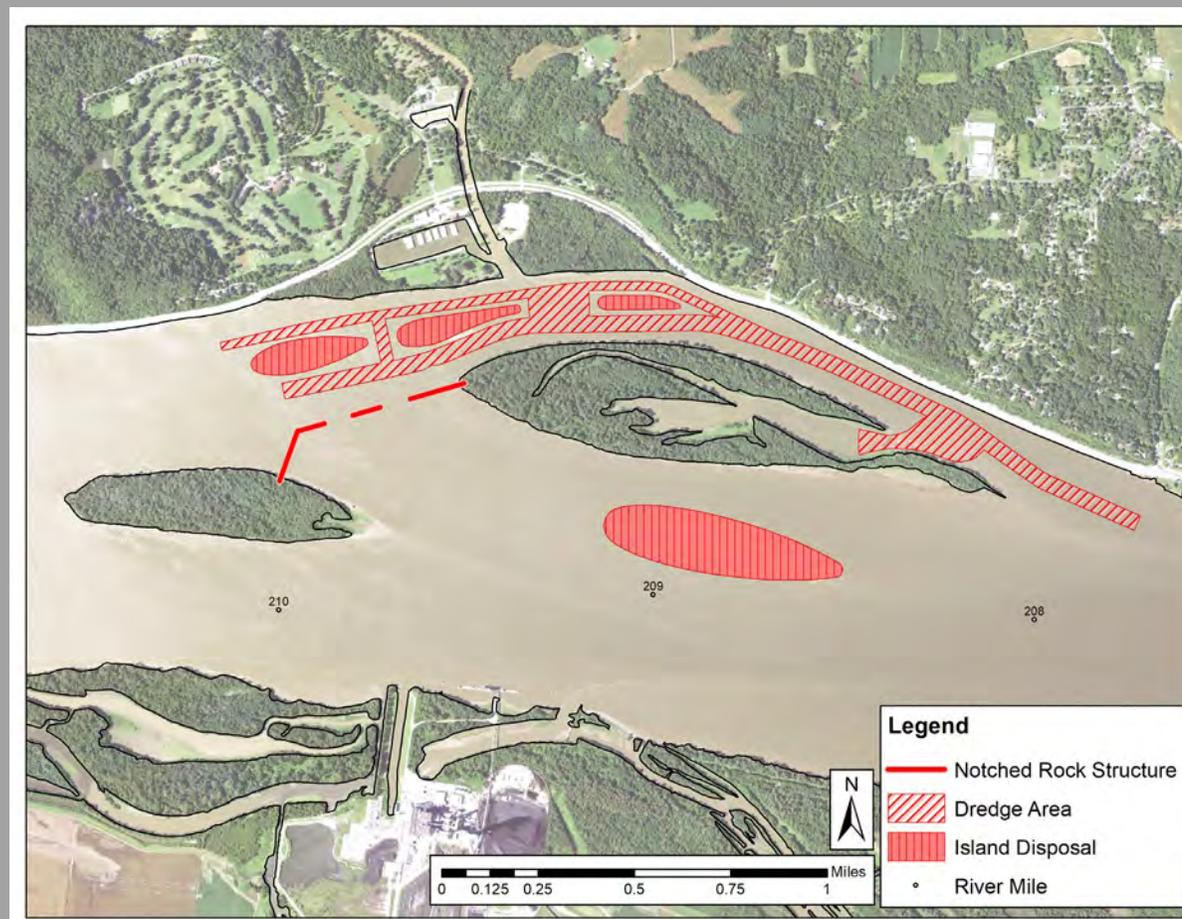
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MVS POTENTIAL ENVIRONMENTAL DREDGING

Upper Mississippi River Restoration Program Piasa and Eagle's Nest Islands

- Pool 26
 - Miles 207.5 - 211.5
 - Madison & Jersey Counties, Illinois
- Approximately 1.2M Cubic Yards of Dredge Material
~ 85% sand, 15% clay
 - Re-creation of approximately 75 acres of islands
 - FY22 award (Pending available funds)
 - Summer FY22 anticipated start
 - Likely multi-year contract (seasonal restrictions)

*Rockwork to be completed in FY22 under separate contract prior to dredging



"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."



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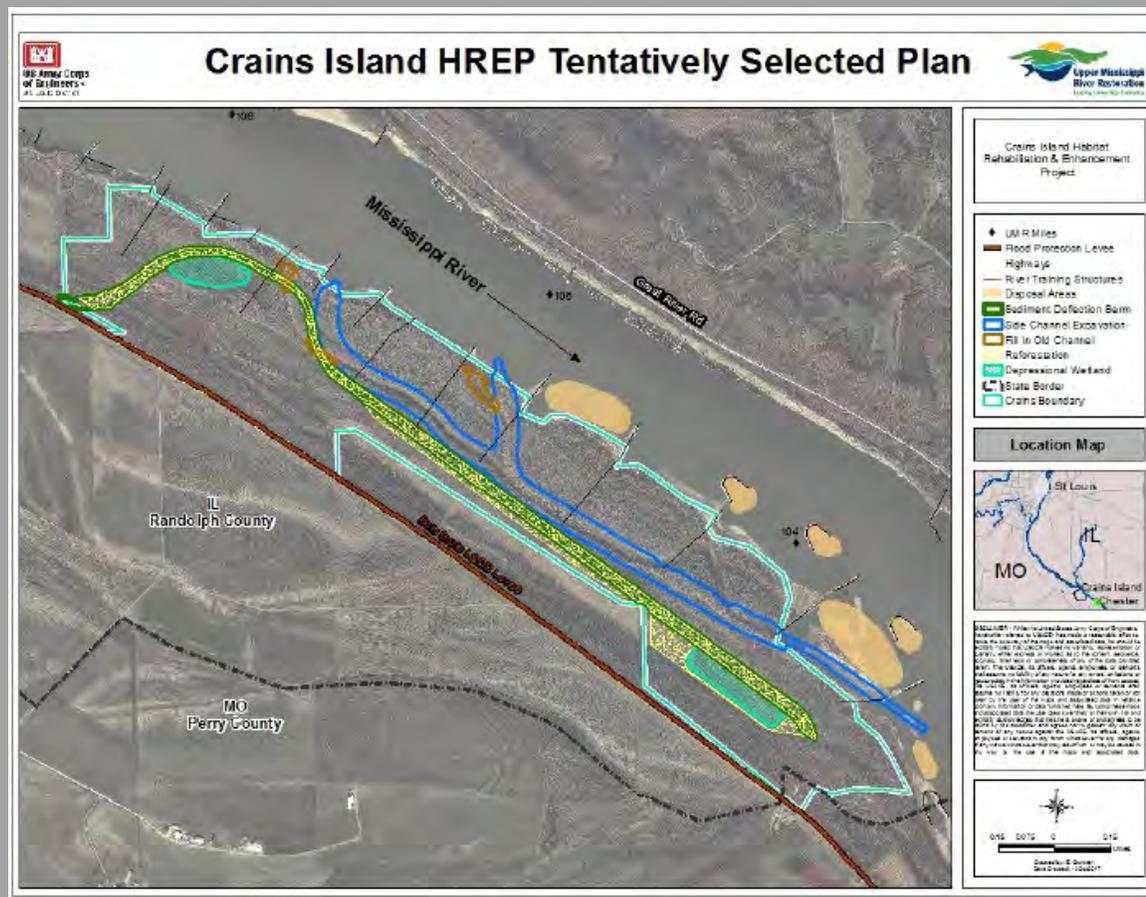
MVS POTENTIAL ENVIRONMENTAL DREDGING

Upper Mississippi River Restoration Program

Crain's Island

- Open River
- Miles 103.5 to 105.5
- Randolph County, Illinois
- Approximately 1.6 M Cubic Yards of Dredge Material
 - ~30% sand/70% clay
- Restoring side channel connectivity, depth, and structural diversity
- Currently in Design
 - Potential FY23 award (Pending Available Funds)

**SD Berm and Wetland construction to be completed in FY22 under separate contract prior to dredging*



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