

ST PAUL DISTRICT DREDGING UPDATE

Presentation for the

WEDA MIDWEST CHAPTER MEETING

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St. Paul District





Upper Mississippi River 9-Foot Navigation System St. Paul District

- 13 Locks and Dams
- 284 Miles of 9-Foot Channel
 - Mississippi River
 - Minnesota River
 - St. Croix River
 - Black River
- 11 Shallow Draft Recreation Harbors
- 3 Shallow Draft Commercial Harbors



ST PAUL DISTRICT DREDGING

- Average:
 - Since 1985: ~900,000 CY/YR
 - Last 20yrs: ~980,000 CY/YR
- Season:
 - May - Nov
 - Apr - Nov (2016)
- Equipment
 - Government (Hyd & Mech)
 - Contract (Mech)



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ST PAUL DISTRICT DREDGING

Government Equipment



Dredge GOETZ

- 20-inch cutterhead pipeline dredge

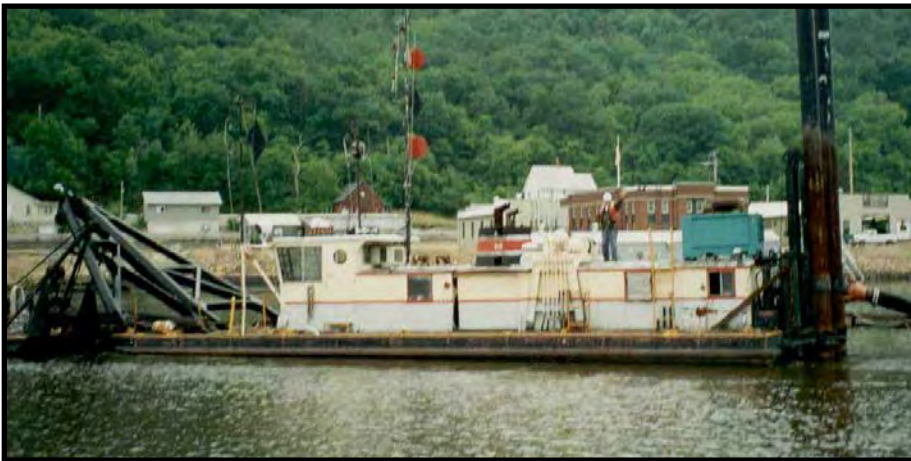


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ST PAUL DISTRICT DREDGING

Government Equipment



Dredge DUBUQUE

- 12-inch cutterhead pipeline dredge



Mechanical Excavator



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ST PAUL DISTRICT DREDGING

Contract Equipment



Hydraulic

- Site unloadings
- Limited channel dredging

Mechanical

- Channel dredging
- Limited site unloadings
- 5-yr contract with LS Marine 2014-18



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2016 DREDGING SUMMARY

Total Dredged = 867,777 CY
Jobs = 49

59% Government 41% Contract



Dredging Season 2016:
18 April – 28 November
(Dredging Season 2015: 22 March – 17 November)



PLACEMENT SITE UNLOADING

Crats Island (Pool 4)



PLACEMENT SITE UNLOADING

Crats Island (Pool 4)



November 2016

- JF Brennan
- ~900,000cy
- 7/2016 - 2017



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PLACEMENT SITE UNLOADING

Lost Island (Pool 5)



- Newt Marine
- ~1.3M CY
- 2017 - 2019

POTENTIAL FUTURE PROJECTS

11

2017

- Pool 2, Channel Modification
 - ▶ Phase 1 - Rock Work Only (82,000 Tons)

2018

- Pool 2, Pigs Eye Lake Section 204 Project
 - ▶ Unload Multiple Placement Sites in Pool 2
 - ▶ 400,000 CY
- Pool 2, Channel Modification
 - ▶ Phase 2 - Channel Dredging
 - ▶ 300,000 CY
- Mechanical Unloading Contract
 - ▶ Unload Multiple Placement Sites
 - ▶ 300,000 CY

POTENTIAL FUTURE PROJECTS

12

2018

- Pool 9, Conway Lake HREP
 - ▶ 150,000 CY

2019

- Pool 10, McGregor Lake HREP
 - ▶ 300,000 CY
- Mechanical Unloading Contract
 - ▶ Unload Multiple Placement Sites
 - ▶ 300,000 CY



The End

