

USACE – ST PAUL DISTRICT CHANNELS & HARBORS PROJECT

Presentation for

WEDA – Midwest Chapter

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Dredged Material Manager

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US Army Corps
of Engineers®



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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



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St. Paul District Dredging

Government Equipment



Hydraulic
Dredge GOETZ

- 20-inch cutterhead
pipeline dredge



Mechanical
Maintenance & Repair Unit



St. Paul District Dredging

Contract Equipment



Mechanical

- Primarily channel dredging
- 5-year contract with LS Marine in 2019 - 2023



Mechanical

- Primarily island unloading
- 3-year contract with Legacy Corps 2021- 2023





2020 CHANNEL DREDGING

5



Dredging Season 2020:
March 31st – November 19th

Dredge Goetz



Total Dredged = 1,328,159 Jobs = 48

23% Government 77% Contract by Job
26 % Government 74% Contract by Volume



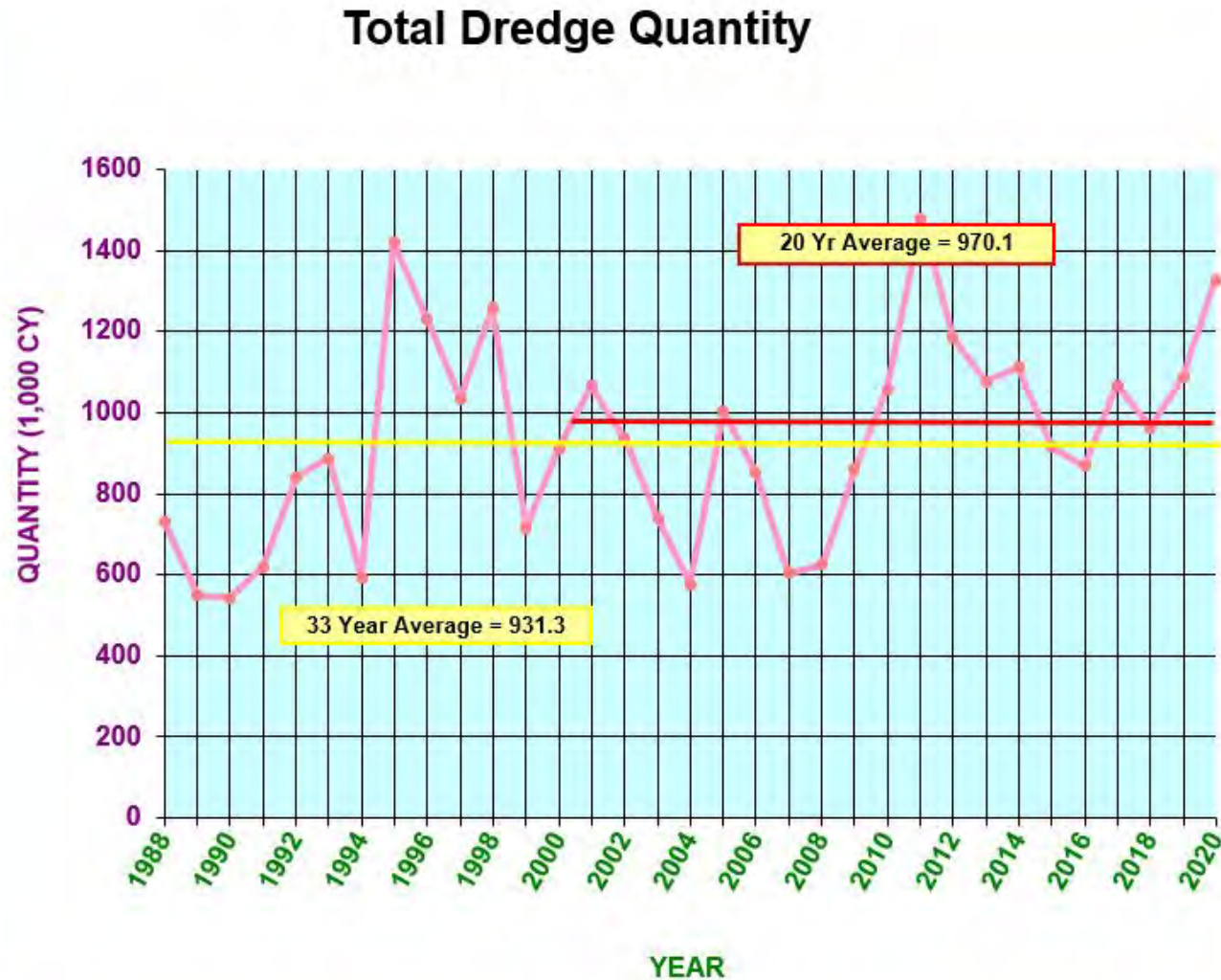
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2020 CHANNEL ACTIVITIES

| YEAR | QUANTITY (1,000 CY) |
|------|------------------------|
| 1988 | 731.0 |
| 1989 | 548.6 |
| 1990 | 542.0 |
| 1991 | 618.1 |
| 1992 | 841.5 |
| 1993 | 888.0 |
| 1994 | 593.2 |
| 1995 | 1,417.4 |
| 1996 | 1,230.0 |
| 1997 | 1,033.9 |
| 1998 | 1,258.9 |
| 1999 | 715.3 |
| 2000 | 911.9 |
| 2001 | 1,066.5 |
| 2002 | 936.3 |
| 2003 | 740.2 |
| 2004 | 577.0 |
| 2005 | 1,003.2 |
| 2006 | 851.1 |
| 2007 | 604.1 |
| 2008 | 625.7 |
| 2009 | 860.9 |
| 2010 | 1,058.8 |
| 2011 | 1,479.0 |
| 2012 | 1,182.1 |
| 2013 | 1,075.2 |
| 2014 | 1,112.3 |
| 2015 | 915.5 |
| 2016 | 867.8 |
| 2017 | 1,068.1 |
| 2018 | 962.2 |
| 2019 | 1,087.7 |
| 2020 | 1,328.2 |

Average 931.3
20 yr Avg 970.1



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ECOSYSTEM RESTORATION PROJECTS



- **Pool 9, Harpers Slough Repairs**
 - 200-250kcy
 - Advertise Mar 2021
 - Award May 2021
- **Pool 4, Head of Lake Pepin Islands**
 - 500kcy
 - Advertise Spring 2022
 - Award Summer 2022
- **Lower Pool 10 Islands**
 - 300-400kcy
 - Advertise Summer 2023
 - Award Fall 2023
- **Pool 9, Reno Bottoms Complex**
 - 500 – 1Mkcy
 - Advertise Summer 2024
 - Award Fall 2024



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RESILIENT NAVIGATION: *PARTNERSHIPS*



River Resources Forum

An interagency partnership on the Upper Mississippi River

The River Resources Forum, or RRF, is a state and federal agency partnership for addressing resource issues concerning the Upper Mississippi River system within the St. Paul District jurisdiction. Participating agencies include: the U.S. Army Corps of Engineers, the U.S. Fish and Wildlife Service, the U.S. Coast Guard, the Environmental Protection Agency, the Natural Resources Conservation Service, the National Park Service, the Minnesota Pollution Control Agency and the departments of natural resources and transportation from Minnesota, Wisconsin and Iowa.



RIAC

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The End

