



# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting  
Wednesday, April 20, 2022

### Agenda Item

#### Item 6. G. – Dredge Management

#### Prepared By

Linda Loomis, Administrator

#### Summary.

**i. Vernon Avenue Dredge Material Management site**

LS Marine has been selling material placed on the LMRWD site from the main channel. They will inform the LMRWD of the actual amount removed and who it was sold to. The LMRWD will then invoice the purchaser.

The Affidavit of Trespass was submitted to the Savage Police Department. The Savage Police recommended posting “No Trespassing” signs on the property. Three signs were purchased from the Savage Police and LS Marine will post the signs at the access to the site from Vernon Avenue and at the two access points along the MN River.

**ii. Private Dredge Material Placement**

LMRWD received checks from CHS, Inc, and Savage Riverport for placement of private dredge material on the LMRWD site in 2021.

President Hartmann had asked about the amount of private dredge material placed on the LMRWD site. A chart showing the amounts placed on the site from each of the 4 barge slips that are dredged annually is attached. I have reached out to CHS, to see if they have records from before material was being placed on the LMRWD site and have received no response.

#### Attachments

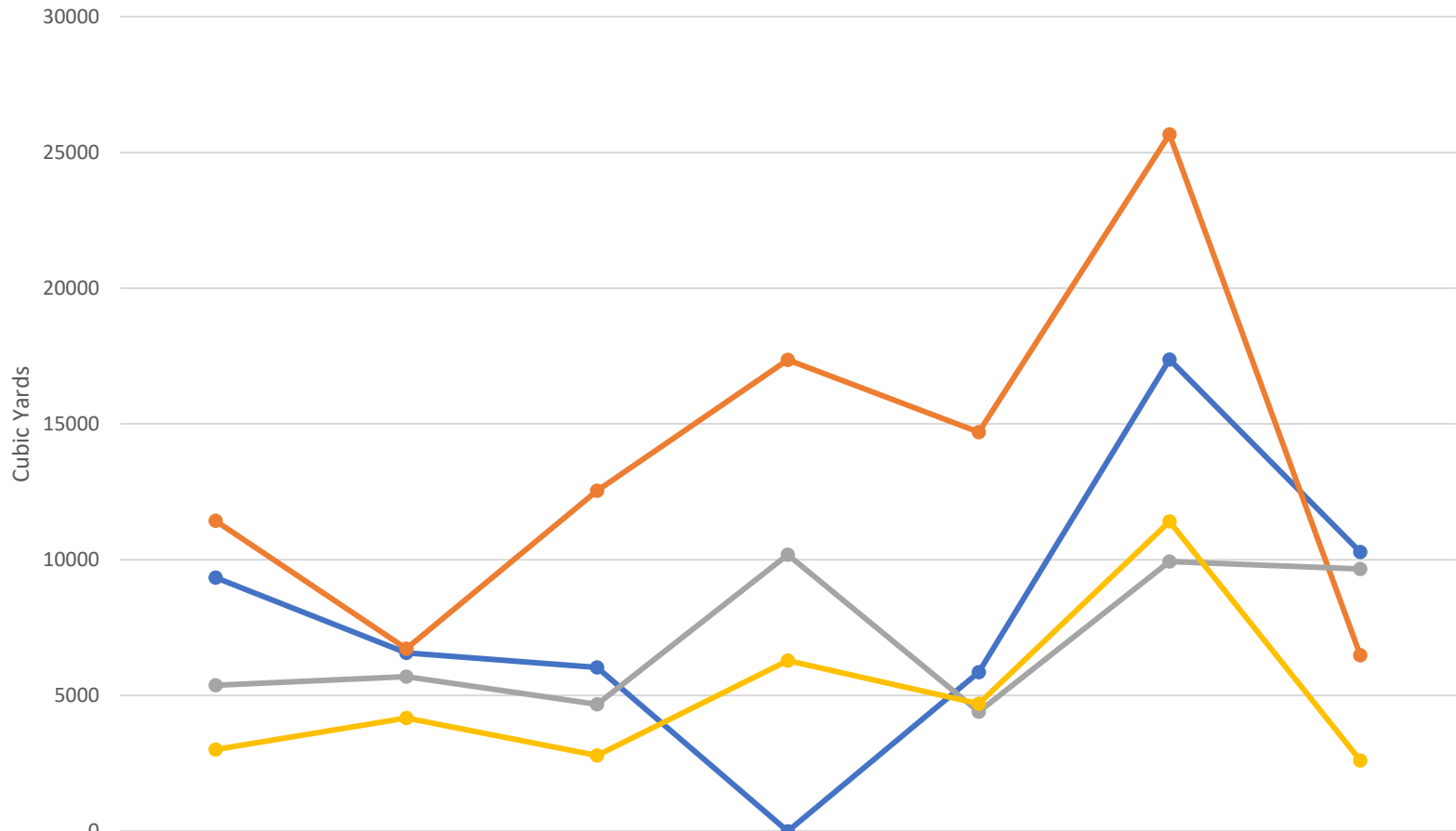
Private dredge materials volume 2014 through 2021

Historical Minnesota River dredging 1970 through 2018

#### Recommended Action

No action recommended

Chart Title



	2014	2015	2016	2017	2018	2020	2021
● Cargill East	9343	6573	6033	0	5860	17375	10281
● Cargill West	11437	6720	12537	17364	14695	25663	6485
● CHS	5377	5691	4677	10184	4400	9927	9663
● Savage Riverport	3008	4166	2794	6285	4697	11406	2607

RECORD OF DREDGING EVENTS ON THE MINNESOTA RIVER  
NINE FOOT CHANNEL 1970-2018

DREDGE CUTS	Above Savage R.R. Bridge	Cargill slip	Peterson's Bar	Below Peterson's Bar	Above 35W Bridge	4 Mile Cut-off	Mouth of River	Total
River Mile	14.5-14.7	12.6-12.8	11.9-12.2	12.1	10.1	4	0.7-0.9	
YEAR								
1970								0
1971			4,689				28,832	33,521
1972								0
1973	13,154		36,532	13,206				62,892
1974								0
1975								0
1976	26,000		37,800					63,800
1977	24,000							24,000
1978								0
1979								0
1980	12,800		3,800					16,600
1981								0
1982	43,500		18,516	1,248				63,264
1983	39,515	11,808	29,516		36,612			117,451
1984								0
1985								0
1986								0
1987			18,201			4,389		22,590
1988			3,870					3,870
1989			12,478					12,478
1990								0
1991			3,515					3,515
1992	5,087		5,920					11,007
1993			12,542				3,402	15,944
1994								0
1995			30,133					30,133
1996	5,190		12,842					18,032
1997			18,799					18,799
1998	2,634	2,498	29,593					34,725
1999			8,000					8,000
2000	7,594	3,902	14,516					26,012
2001	3,071		23,769					26,840
2002								0
2003	3,075		27,197					30,272
2004	5,911		14,266					20,177
2005								0
2006	5,006	4,409	17,667					27,082
2007	8,912	7,939	22,643					39,494
2008	11,785	5,018						16,803
2009	15,241	4,273	10,113					29,627

2010		4,810	11,076					15,886
2011			47,169					47,169
2012								0
2013	7,960		22,427					30,387
2014								0
2015	560	3,016	13,628					17,204
2016								0
2017			21,635					21,635
2018		872	31,181					32,053
Totals 70-18	240,995	48,545	564,033	14,454	36,612	4,389	32,234	941,262
# Years	49	49	49	49	49	49	49	49
Average 70-18	4,918	991	11,511	295	747	90	658	19,209
# Years	18	9	30	2	1	1	2	
Average Job	13,389	5,394	18,801	7,227	36,612	4,389	16,117	
Freq. (%)	37%	18%	61%	4%	2%	2%	4%	

Note 1: Average depths of cut were 11' to 12'

Note 2: Volumes are in cubic yards

	20 Year Average		30 Year Average	
Total 1998-2018	423,366		Total 1988-2018	537,144
# Years	20		# Years	30
Average Amount	21,168		Average Amount	17,905