

WEDA--Mid West Chapter Meeting Rock Island District

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Dredge Coordinator

MVR-Rock Island- OD-T

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US Army Corps of Engineers
BUILDING STRONG®



Rock Island District



MVR Covers ~78,000 square miles

Minnesota, Wisconsin, Iowa, Illinois, & Missouri

MVR has more than 900 people at its headquarters and 27 field operating sites

12 UMR Locks & Dams

8 IWW Locks & Dams

3 Reservoirs



BUILDING STRONG®

District Missions

- Navigation
- Flood Risk Management
- Regulatory
- Environmental Protection and Restoration
- Emergency Management
- Recreation
- Water Supply
- Hydropower
- Military Programs
- Support for Others



MVR Channel Maintenance



- Mississippi River
 - 314 River Miles
 - Below L/D 22
Saverton, MO to below
L/D 10 Guttenberg, IA

- Illinois Waterway
 - 268 River Miles
 - LaGrange L/D RM 80.2
to T.J. O'Brian L/D RM
326.4



Dredging in MVR



Mechanical



Hydraulic



By the Numbers- UMR

2018 Mississippi River Channel Maint. Dredging

Cut Name	Cut River Mile	Estimated Cubic Yards	Actual Cubic Yards	OSIT	Date Started	Date Completed	Placement Type	Placement River Mile
Hydraulic Dredging								
Island 241	561.7-562.2	61,405	61,405	email	21-Aug-18	28-Aug-18	Bankline, Thalweg	561.9-562.3L; 561.5
Des Moines River	361.2-361.4	47,991	24,105	email	2-Sep-18	6-Sep-18	Bankline	360.7-361.2
Hogback Island	331.8-332.0	103,048	127,823	email	2-Nov-18	17-Nov-18	Bankline	331.4-332.2
Cave Hollow	305.2-305.8	80,090	88,141	email/phone	19-Nov-18	5-Dec-18	In Water; Head of Harris Island	305.5-305.3
Total Hydraulic Calendar 2018			301,474	* 2018 All Channel Hydraulic Dredging by Gov. Dredge Goetz				
Total Hydraulic Fiscal 2018			239,967	*Fall 2017 (Fiscal '18) = 154,457 CY @ Cave Hollow				
Total Hydraulic Fiscal 2019			215,964	*Fall 2018 (Fiscal '19) = Hogback (127,832cy) Cave Hollow (88,141cy)				
Mechanical Dredging								
Finley's Landing/Rosebrook	594.9-595.2	60,000	44,046	email/site	22-Mar-18	10-Aug-18	Inland; Bathtub Construction	594.1L
Cave Hollow	305.6-305.7	9,010	11,883	email	1-Jun-18	8-Jun-18	In Water; In footprint of WD #6	306.2L
Lock 21 Auxillary	324.9	12,651	13,127	N/A	9-Jul-18	8-Aug-18	Upland Stockpile	324.8
Smith Bay	529.8-530.3	34,977	22,931	email	11-Aug-18	22-Aug-18	Dark Slough Thalweg	532.0
Kemp's Landing Lower (AKA B)	396.9-397.1	39,200	22,417	email	14-Aug-18	27-Aug-18	Bankline	397.9-398.1L
Beaver Island 1	516.2-516.7	21,095	15,657	email/site	24-Aug-18	2-Oct-18	Bankline	516.8-517.1L
Lock 16 Lower	456.5-456.8	14,190	14,896	email	24-Sep-18	3-Oct-18	Bankline	456.2-456.6L
Oquawka	414.7-415.0	20,071	3,244	email/site	28-Aug-18	29-Aug-18	Benton Island Thalweg	418.7
Buffalo	472.0-473.2	46,725	12,211	email	6-Nov-18	14-Nov-18	Bankline	472.9-473.1L
Total Mechanical Calendar 2018			160,412	* 2017 All Mechanical Dredging by Gov. Hired Labor				
Total Mechanical Fiscal 2018			9,935	*Fall 2017 (Fiscal '18) = 9,935 CY (7,595 CY @ Keithsburg Upper; 2,340 CY @ Lock 22 Aux				
Total Mechanical Fiscal 2019			0	*Fall 2018 (Fiscal '19) = 19,123 CY (2,010 CY @ Beaver Island; 4,902 CY @ 16 Lower; 12,211 CY @ Buffalo)				
2018 Hydraulic & Mech. Calendar Total			461,886					
Hydraulic & Mech. Fiscal 2018 Total			249,902					
Hydraulic & Mech. Fiscal 2019 Total			215,964					
Last Update 11-Jan-19								



By the Numbers IWW

2018 Illinois River Channel Maint. Dredging

Cut Name	Cut River Mile	Estimated Cubic Yards	Actual Cubic Yards	OSIT	Date Started	Date Completed	Placement Type	Placement River Mile
Hydraulic Dredging					Hydraulic dredging by Contract, Morgan Gale			
Kingston Mines	146.3-146.9	37,000	37,288	email	11-Sep-18	23-Sep-18	Bankline	145.5-145.7R
Mackinaw River	147.6-147.9	21,000	17,259	email	23-Sep-18	27-Sep-18	Bankline	145.8-146.2L
Spring Valley Lower	216.7-217.5	30,000	59,214	email	2-Oct-18	13-Oct-18	Bankline	216.9-217.6R
Clark Island	215.5-216.2	31,406	31,406	email	14-Oct-18	20-Oct-18	Bankline	215.7-216.4R
Grand Island Head	112.9-114.0	84,000	84,344	email	25-Oct-18	15-Nov-18	Bankline	112.2-113.1R
Duck Island	135.2-135.6	16,138	16,138	email	19-Nov-18	22-Nov-18	Bankline	134.9-135.2L
Copperas Creek	136.4-136.7	20,000	20,493	email	22-Nov-18	27-Nov-18	Bankline	136.6-137.0L
Total Hydraulic Calendar 2018			266,142					
Total Hydraulic Fiscal 2018			162,426	*Fall 2017 (Fiscal '18) = Quiver (63,942 cy) + Kingston Mines (34,559 cy) + Vermillion River (38,807 cy)				
Total Hydraulic Fiscal 2019			211,595	*Fall 2018 (Fiscal '19) = Spring Valley Lower (59,214 cy) + (Clark Island (31,406 cy) + Grand Island Head (84,344 cy) + Duck Island (16,138 cy) + Copperas Creek (28,548 cy)				
Mechanical Dredging								
Bull's Island Upper	241.4-241.6	10,000	9,076	N/A	13-Jun-18	12-Jul-18	Upland, DMMP Site	241.7R
Dresden Lower	270.9-271.1	10,000	6,541	N/A	3-May-18	7-Jun-18	Upland, DMMP Site 15	270.5R
Grand Island Head	113.3-113.5	20,000	6,758	email	24-Jul-18	31-Jul-18	Bankline	113.4-113.6R
Spring Valley Lower	216.9-217.2	27,000	4,969	email	4-Aug-18	9-Aug-18	Bankline	217.3-217.4R
Grape Island	86.8.0-87.3	25,000	20,320	email	13-Aug-18	15-Sep-18	Bankline	88.0-88.5R
Grape Island	86.8.0-87.3	20,000	17,258	email	16-Sep-18	12-Oct-18	Bankline	88.0-88.5R
Wesley Bend (Kickapoo Creek)	159.1-159.6	61,000	38,756	N/A	22-Oct-18	On going	IWW Peoria Sheet Pile Wall Fill	164.3R
Total Mechanical Calendar 2018			103,678					
Total Mechanical Fiscal 2018			58,121	*Fall 2017 (Fiscal '18) = 0				
Total Mechanical Fiscal 2019			38,756	*Fall 2018 (Fiscal '19) = Grape Island (6,801 cy) + Wesley Bend (38,756cy)				
2018 Hydraulic & Mech. Calendar Total			369,820	* All Mechanical Dredging by Gov. Hired Labor. **MISS CREW assisted with Wesley Bend				
Hydraulic & Mech. Fiscal 2018 Total			220,547					
Hydraulic & Mech. Fiscal 2019 Total			250,351	Last Update 11-Jan-19				



Thank you

- Contact information

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