

1999 Non-Channel Dredging / Rock Work Summary - St. Paul District							
Pool		River Mile(s)	Work Dates	Equip	Cubic Yards Dredged	Rock (Tons)	Placement Site
2	Upper Boulanger Bend Excavation	2-821.5-LMT	12/2/99 - 12/15/99	CH	80000	0	2-822.5-LMP
2	Lower Boulanger Bend Excavation	2-821.1-LMT	10/21/99 - 12/1/99	CH	230300	0	2-822.5-LMP
3	L/D 3 Storage Yard Bank Stabilization	796.9L	5/4/99 - 5/5/99	GM	0	300	N/A
4	L/D 4 Storage Yard Bank Stabilization	752.8L	5/7/99 - 5/10/99	GM	0	200	N/A
4	L/D 4 Auxillary Lock Dredging	752.8	7/26/99 - 8/10/99	GM	3800	0	4-754.0-LWP
4	Peterson Lake Erosion Protection	754.6R	5/6/1999	GM	0	100	N/A
5	Pool 5 Channel Management Study Totals - 1999	738.1 - 752.8	9/23/99 - 11/12/99	GM	3740	22215	N/A
5	Wing Dam Notching (11 of 14)	739.8 - 751.8	9/23/99 - 9/30/99	GM	3740	0	N/A
5	Head of West Newton Chute, Is. 42 Stabilization	750R	11/1/9 - 11/12/99	GM	0	2462	N/A
5	Wing Dam #84 Rehabilitation, Notching, & Extension	746.6R	9/27/99 - 11/12/99	GM	0	985	N/A
5	Roebuck's Run Bank Protection	746.6L	9/27/99 - 11/12/99	GM	0	7695	N/A
5	Roebuck's Run Day Mark Wing Dam & Liner Fortification	746.6L	9/27/99 - 11/12/99	GM	0	6669	N/A
5	Wing Dam #85 Rehabilitation, Notching, & Extension	746.4R	9/27/99 - 11/12/99	GM	0	554	N/A
5	CP Railroad Embankment Stabilization (Below MN-14)	742.4R	Jul-99	GM	0	3,850	N/A
5A	Island 58 Mitigation	5A-734.5-LWE	10/7/99 - 10/15/99	GM	500	0	5A-734.5-LWE
8	Above Brownsville Excavation	8-690.4-LWT	11/2/99 - 11/15/99	WAT	60000	0	8-688.7-RMP
8	Pool 8 Channel Management Study Totals - 1999	683.5 - 694.0	5/26/99 - 5/27/99	GM	150	0	N/A
8	Wing Dam #15 (Root River) Notching	694.0R	5/26/99 - 5/27/99	GM	150	0	N/A
8	Brownsville Reshaping	8-688.7-RMP	10/99 - 11/99	GM	0	0	8-688.7-RMP
8	I-94 Boat Landing Stabilization & Protection (FWS/EMP)	701.6R	6/1/99 - 6/4/99	GM	0	600	N/A
9	Lansing Harbor Breakwater Repair	663.5R	5/18/99 - 5/25/99	GM	0	800	N/A
10	Frenchtown Lake Access Notching	620.5R	3/9/1999	CM	25	0	N/A
Total quantities by equipment:							
Government Hydraulic - THOMPSON (WAT) =					60,000	0	
Government Hydraulic - DUBUQUE (DUBQ) =					0	0	
Government Mechanical - HAUSER/WADE (GM) =					8,190	23,661	
Contract Hydraulic - (CH) =					310,300	0	
Contract Mechanical - (CM) =					25	0	
Total Quantities =					378,515	23,661	