

1980 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
MN	Above Savage Bridge	M14.5	CH	11/18-11/23	12	12,800	MN-14.4-LM	S/A	C	R
MN	Petersons Bar	M12.0	CH	11/12-11/15	11	3,800	MN-12.1-RM	S/B	C	R
SC	Kinnickinnic Bar	SC6.5	GM	04/16-05/15	13	41,000	SC-13.5-RM	L1/A	U	E
2	Smith Ave. Bridge	840.4	GM	07/07-07/16	13	20,600	2-840.4-RM	S/A	U	R
4	SBH-Pepin	767.0	GM	08/26-08/28	6	2,000	4-766.9-LW	L1/B	U	H
4	Reads Landing(Side Ch.)	762.5	CH	08/26-10/03	6	9,000	4-762.7-LW	A	C	NCM
4	Grand Encampment	756.8	WAT	11/28-11/30	12	10,300	4-756.5-LW	A	C	E
4	L/D 4 Chamber & Aux Lock	752.8	GM	07/17-07/18	8	6,000	4-754.0-LW	S/A	U	R
				09/03-09/05						
5	Island 40 Wing Dams	752.5	GM	08/29-09/03	7	3,800	4-754.0-LW	S/A	U	NCM
5	Mule Bend (Side Ch.)	748.4	CH	10/06-10/17	6	1,600	5-748.0-RM	A	C	NCM
5	Lower Zumbro	744.4	DUBQ	06/16-06/26	11	10,300	5-744.7-LW	A	C	R
5A	Betsy Slough	731.3	GM	06/12-06/27	11	11,700	5A-732.0-LW	S/A	U	R
						21,600	5A-731.9-LW	S/B	U	
						1,500	5A-731.3-LW	L1/B	U	
5A	Wilds Bend	730.5	GM	06/04-06/11	11	8,300	5A-732.0-LW	S/A	U	R
						7,600	5A-731.9-LW	S/B	U	
5A	L/D 5A Chamber	728.5	GM	06/30	8	200	5A-732.0-LW	S/A	U	R
6	Blackbird Slough(Side Ch.)	727.8	GM	08/20-08/21	6	4,400	6-726.0-LM	S/A	U	NCM
6	SBH-Winona	726.0	GM	08/19	6	700	6-726.0-LM	S/A	U	H
7	Winters Landing	708.4	GM	11/03-11/06	12	8,200	7-714.1-LW	S/A	U	R
9	Ferry Slough (Side Ch.)	672.1	GM	08/13-08/14	6	1,000	9-670.5-LW	S/A	U	NCM
9	Head of Battle Island	671.9	GM	08/14-08/18	13	5,400	9-670.5-LW	S/A	U	R
9	Lansing Upper Light	664.0	GM	07/24-08/12	12	35,000	9-662.6-RI	S/B	U	R
10	McMillan Island	618.0	GM/DUBQ	10/20-10/31	11	4,500	*10-618.8-RI	S/B	C	R

* - In-water rehandling

		WAT	DUBQ	GM	CM	CH	TOTAL	1980 Beneficial Use Update	
CALENDAR YEAR	MISS. RIVER	10,300	10,300	139,800	0	10,600	171,000	Total Beneficial Use	200,100
	MINN. RIVER	0	0	0	0	16,600	16,600	Total Quantity Dredged	231,300
	ST. CROIX RIVER	0	0	41,000	0	0	41,000		
	HARBORS	0	0	2,700	0	0	2,700		
	TOTAL	10,300	10,300	183,500	0	27,200	231,300	Beneficial Use Quantity	87%
FISCAL YEAR	MISS. RIVER	0	10,300	167,847	0	8,308	186,455	Total Jobs w/Beneficial Use	17
	MINN. RIVER	0	0	0	0	0	0	Total Jobs	21
	ST. CROIX RIVER	0	0	41,000	0	0	41,000		
	HARBORS	0	0	2,700	0	0	2,700		
	TOTAL	0	10,300	211,547	0	8,308	230,155	Beneficial Use Jobs	81%

1981 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
2	Pine Bend	823.5	GM	05/19-06/03	13	20,000	2-831.0-RM	L1/A	U	R
				06/18-06/25		8,000	2-824.1-LM	L2/B	B	
4	Reads Landing	763.0	GM	06/04-06/15	12/13	21,000	4-762.7-LW	A	C	I
4	Reads Landing	762.8	WAT	07/21-07/29	13	67,500	4-762.7-LW	A	C	I
4	Crats Island	759.0	WAT	08/13-08/20	12	52,200	4-759.3-LW	A	C	R
5A	Betsy Slough	731.3	GM	08/06-08/12	12	13,200	5A-732.0-LW	S/A	U	R
5A	Wilds Bend	730.5	GM	08/12-08/18	12	11,600	5A-731.9-LW	S/B	U	R
5A	L/D 5A Auxiliary Lock	728.5	GM	08/19-08/21		2,460	5A-731.9-LW	S/B	U	R
						1,240	6-726.0-LM	S/A	U	
7	Winters Landing	708.5	GM	10/27-11/05	12	11,300	7-704.6-RM	L1/B	U	R
7	Head of Dresbach	705.0	GM	10/10-10/16	12	2,100	7-705.5-RM	L1/B	U	R
						5,100	7-706.5-RM	A	U	
7	Above L/D 7	703.5	GM	10/16-10/27	13	19,100	7-706.5-RM	A	U	R
8	Brownsville	688.8	WAT	08/20-08/29	13	59,100	8-688.7-RM	S/A	C	R
8	Head of Raft Channel	687.8	WAT	08/30-09/02	11	10,500	8-688.7-RM	S/A	C	R
9	Indian Camp Light	665.5	GM	08/24-09/01	13	10,400	9-670.5-LW	L1/A	U	R
9	Lansing	664.5	GM	07/20-08/05	12	19,500	9-662.6-RI	L1/B	U	R
10	Jackson Island	664.5	GM	09/3-8&10/7-9	13	7,500	10-647.1-LW	S/B	U	R
10	McMillan Island	618.0	WAT	10/29-11/06	11	45,400	*10-618.8-RI	L1/B	C	R
* - In-water rehandling										
		WAT	DUBQ	GM	CM	CH	TOTAL	1981 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	234,700	0	152,500	0	0	387,200	Total Beneficial Use	222,300	
	MINN. RIVER	0	0	0	0	0	0	Total Quantity Dredged	387,200	
	ST. CROIX RIVER	0	0	0	0	0	0			
	HARBORS	0	0	0	0	0	0			
	TOTAL	234,700	0	152,500	0	0	387,200	Beneficial Use Quantity	57%	
FISCAL YEAR	MISS. RIVER	199,600	0	125,100	0	2,292	326,992	Total Jobs w/Beneficial Use	11	
	MINN. RIVER	0	0	0	0	16,600	16,600	Total Jobs	16	
	ST. CROIX RIVER	0	0	0	0	0	0			
	HARBORS	0	0	0	0	0	0			
	TOTAL	199,600	0	125,100	0	18,892	343,592	Beneficial Use Jobs	69%	

1982 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
MN	Below Petersons Bar	M11.2	CH	Began 10/18	11	1,248	MN-12.1-RM	L1/B	C	R
MN	Petersons Bar	M12.0	CH		11	18,516	MN-12.1-RM	L1/B	C	R
MN	Above Savage R.R. Bridge	M14.5	CH	Complete 11/18	12	43,500	MN-14.8-RM	S/B	C	R
USAF	Mpls. Turning Basin	857.4	CM	09/27-09/30	12	48,176	U-857.0-RM	S/A	U	R
				10/20-11/10						
USAF	Abv. & Blw. Lowry Ave. Br.	856.5	CM	08/11-09/17	11	76,631	U-857.0-RM	S/A	U	R
USAF	Abv. & Blw. NRR Br.	855.5	CM	09/30-10/19	12	20,565	U-857.0-RM	S/A	U	R
1	Lower Appch. LSAF	853.3	CM	08/03-08/05	13	1,493	1-852.7-RM	S/A	U	R
1	Abv. Lake St. Br.	850.0	WAT	07/29-08/03	11/12	57,605	1-849.5-RM	A	U	E
2	Smith Ave. Br.	840.4	WAT	08/04-08/05	13	14,717	2-840.4-RM	S/A	C	R
2	SBH-St. Paul	840.0	CM	11/15-11/26	6	8,413	2-840.4-RM	S/A	U	H
4	SBH-Red Wing	791.0	CH	07/05-11/02	6	28,000	4-791.5-RM	L1/B	C	H
4	Reads Landing	763.5	WAT	05/25-06/02	13	149,000	4-762.7-LW	A	C	I
				06/15-07/01		61,055	*4-761.1-RM	L1/B	C	
4	Crats Island	759.3	WAT	06/02-06/15	13	139,412	4-759.3-LW	A	C	R
5	Mule Bend Side Channel	749.3	CM	11/15-11/19	6	4,573	5-749.3-RM	A	U	R
5	Mule Bend	748.9	WAT	07/09-07/13	11	24,519	5-748.0-RM	A	C	R
5	West Newton	748.1	CM	10/04-10/21	13	21,900	5-748.0-RM	A	C	R
5	Fisher Island	745.1	WAT	07/02-07/08	11	28,147	5-745.8-RM	A	C	R
5A	Island 58	734.2	CM	09/29-09/30	13	5,751	5A-731.9-LW	S/B	U	R
				10/22-10/27						
5A	Head of Betsy Slough	731.3	CM	06/03-06/15	11/12	20,194	5A-731.9-LW	S/B	U	R
6	SBH-Winona	726.3	CM	06/24-06/25	6	250	7-714.1-LW	S/A	U	H
6	Winona Ind. Harbor	726.3	CM	08/31-09/02	13	1,909	7-714.1-LW	S/A	U	H
7	Behind L/D 6 Guidewall	714.1	CM	08/30-08/31	6	1,363	7-714.1-LW	S/A	U	R
7	Richmond Island	712.0	CM	08/18-08/30	12	5,619	7-714.1-LW	S/A	U	R
7	Winters Landing	708.4	CM	06/29-08/17	11	52,796	7-714.1-LW	S/A	U	R
8	Abv. LaCrosse R.R. Br.	700.1	CM	09/07-09/16	13	17,366	8-695.7-LW	S/A	U	R
8	Brownsville	688.8	WAT	07/15-07/17	12	16,047	8-688.7-RM	S/A	C	R
8	Head of Raft Channel	688.0	WAT	07/19-07/20	12	12,593	8-688.7-RM	S/A	C	R
9	Lower Appch. L/D 8	678.9	CM	09/20-09/28	13	5,638	9-677.2-LW	S/B	U	R
9	Lansing Upper Light	664.0	WAT	08/22-08/24	13	36,833	9-664.0-RM	L2/A	B	R
10	McMillan Island	618.0	WAT	08/11-08/20	12	68,688	10-618.8-RM	L1/B	C	R

* - In-water rehandling

		WAT	DUBQ	GM	CM	CH	TOTAL	1982 Beneficial Use Update	
CALENDAR YEAR	MISS. RIVER	608,616	0	0	282,065	0	890,681	Total Beneficial Use	567,361
	MINN. RIVER	0	0	0	0	63,264	63,264	Total Quantity Dredged	992,517
	ST. CROIX RIVER	0	0	0	0	0	0		
	HARBORS	0	0	0	10,572	28,000	38,572	Beneficial Use Quantity	57%
	TOTAL	608,616	0	0	292,637	91,264	992,517		
FISCAL YEAR	MISS. RIVER	654,016	0	40,100	190,978	0	885,094	Total Jobs w/Beneficial Use	23
	MINN. RIVER	0	0	0	0	0	0	Total Jobs	30
	ST. CROIX RIVER	0	0	0	0	0	0		
	HARBORS	0	0	0	2,159	19,600	21,759	Beneficial Use Jobs	77%
	TOTAL	654,016	0	40,100	193,137	19,600	906,853		

1983 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
MN	Above 35W Bridge	M10.1	CM	Began 10/25	12	36,612	MN-11.2-RM	L1/B	U	R
MN	Above Peterson's Bar	M12.0	CM		12	29,516	MN-11.2-RM	L1/B	U	R
MN	Blw. Cargill Slip	M12.7	CM		12	11,808	MN-11.2-RM	L1/B	U	R
MN	Abv. Savage Bridge	M14.5	CM		12	10,767	MN-14.8-RM	S/B	U	R
MN	Continental Grain	M14.6	CM	Complete 12/16	12	28,748	MN-14.8-RM	S/B	U	R
1	Lower Appch. LSAF	852.2	GM	11/10	13	500	1-852.7-RM	S/A	U	R
1	Below Lake Street	849.0	GM	11/01-11/10	12	12,802	1-852.7-RM	S/A	U	R
2	Smith Ave. Bridge	840.5	GM	11/10-11/17	13	7,808	2-840.4-RM	S/A	U	R
4	Reads Landing	762.3	WAT	06/21-06/29	12	14,765	4-762.6-RM	L1/B	U	I
						43,434	4-762.7-LW	A	C	
4	Crats Island	759.0	WAT	07/01-07/08	13	101,541	4-759.3-LW	A	C	R
4	Teepeeota Point	757.4	GM	08/01-09/03	13	56,081	4-754.0-LW	L1/A	U	E
4	Grand Encampment	756.0	GM	09/06-09/09	12	7,597	4-754.0-LW	L1/A	U	E
4	Grand Encampment	756.0	GM	10/11-10/28	12	42,130	4-754.0-LW	L1/A	U	R
4	Access Channel	753.7	GM	07/27-07/29	7	4,662	4-754.0-LW	L1/A	U	E
5	Blw. West Newton	746.6	WAT	06/07-06/11	12	29,477	5-745.8-RM	A	C	E
				06/16-06/17						
5	Fisher Island	745.0	WAT	06/11-06/15	12	47,173	5-744.7-LW	A	C	E
5	Lower Zumbro	744.4	WAT	06/17-06/20	11	37,204	5-744.7-LW	A	C	E
5A	Betsy Slough	731.2	WAT	07/12-07/19	12	57,458	5A-730.5-LW	A	C	R
5A	Wilds Bend	730.5	WAT	07/20-07/22	12	36,922	5A-730.5-LW	A	C	R
6	Lower Appch. L/D 5A	728.5	GM	07/30	13	500	6-726.0-LM	S/A	U	R
6	SBH-Winona	726.1	GM	09/01-09/05	6	6,255	6-726.0-LM	S/A	U	H
8	Brownsville	688.9	WAT	11/09-11/14	12	17,859	8-688.7-RM	S/A	C	R
8	Head of Raft Channel	688.0	WAT	11/07-11/09	12	22,014	8-688.7-RM	S/A	C	R
9	Indian Camp Light	665.5	GM	09/11-09/26	13	30,841	*9-662.2-RI	L1/A	C	E
	Warroad Harbor		CH	06/02-07/15	8	43,000	Open Water	L3/A	O	R

* - In-water rehandling

		WAT	DUBQ	GM	CM	CH	TOTAL	1983 Beneficial Use Update	
CALENDAR YEAR	MISS. RIVER	407,847	0	162,921	0	0	570,768	Total Beneficial Use	384,265
	MINN. RIVER	0	0	0	117,451	0	117,451	Total Quantity Dredged	737,474
	ST. CROIX RIVER	0	0	0	0	0	0		
	HARBORS	0	0	6,255	0	43,000	49,255	Beneficial Use Quantity	52%
	TOTAL	407,847	0	169,176	117,451	43,000	737,474		
FISCAL YEAR	MISS. RIVER	367,974	0	99,681	91,087	0	558,742	Total Jobs w/Beneficial Use	19
	MINN. RIVER	0	0	0	0	63,264	63,264	Total Jobs	25
	ST. CROIX RIVER	0	0	0	0	0	0		
	HARBORS	0	0	6,255	8,413	51,400	66,068	Beneficial Use Jobs	76%
	TOTAL	367,974	0	105,936	99,500	114,664	688,074		

1984 DREDGING SUMMARY - ST. PAUL DISTRICT										
POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
USAF	Turning Basin	857.3	CM	08/16-08/17	12	2,794	U-856.6-RM	S/A	U	R
USAF	Abv. Lowry Ave.	856.9	CM	08/02-08/15	12	36,667	U-856.6-RM	S/A	U	R
USAF	Broadway Ave.	855.5	CM	09/04-09/26	12	23,868	U-856.6-RM	S/A	U	R
2	Smith Ave.	840.3	CM	08/18-08/29	13	15,676	2-840.4-RM	S/A	U	E
						6,118	2-841.3-LM	L1/B	U	
2	SBH-St. Paul	839.6	GM	Oct-Nov	6	12,300	2-840.4-RM	S/A	U	H
						13,700	2-841.3-LM	L1/B	U	
2	St. Paul Barge Terminal	837.3	WAT	07/09-07/20	14	210,938	2-836.8-RM	L1/B	C	R
				08/13-08/14						
3	SBH-Hastings	813.2	GM	11/26-12/10	6	5,500	3-813.2-RM	S/B	U	H
4	Chippewa Delta	763.8	CH	10/05-11/20	9	301,000	4-761.0-RM	L1/S/A	U	R
4	Reads Landings	762.7	CH	05/27	13	69,000	4-761.0-RM	L1/S/A	U	R
4	Crats Island	759.1	WAT	07/24-08/01	12	90,752	4-759.3-LW	A	C	E
4	Teepeeota Point	757.6	WAT	08/05-08/09	12	61,428	4-757.5-LW	A	C	I
4	Grand Encampment	756.0	WAT	08/01-08/05	11	37,863	4-756.5-LW	A	C	E
5	West Newton	746.5	GM	09/04-09/18	12	11,300	5-745.8-RM	A	C	R
5	Fisher Island	745.4	WAT	08/20-08/27	12	13,084	5-745.8-RM	A	C	E
						60,405	5-744.7-LW	A	C	
5A	Betsy Slough	731.2	WAT	06/18-06/21	12	18,515	5A-730.5-LW	A	C	R
						3,693	5A-731.9-LW	S/B	U	
5A	Wilds Bend	730.5	GM	08/16-08/22	12	3,953	5A-731.9-LW	S/B	U	R
7	Winters Landing	708.3	GM	03/24-03/30	10.5	14,935	7-706.5-RM	A	U	E
8	Blw. LaCrosse R.R. Br.	699.2	CM	11/08-11/26	13	5,500	8-700.0-RM	L1/B	U	R
						3,000	8-699.7-RM	L1/B	U	
						17,976	8-699.3-RM	L1/B	U	
8	Brownsville	688.0	WAT	08/17-08/19	11	15,167	8-688.7-RM	S/L1/B	C	R
8	Upper Auxiliary L/D 9	647.9	GM	05/21-05/25		1,500	10-644.5-RI	L3/A	U	R
9	Indian Camp Light	665.7	WAT	08/29-08/30	11	13,939	9-665.2-RI	L2/A	B	R
9	Lansing Upper Light	664.0	CM	10/01-11/02	12	12,000	9-670.5-LW	S/A	U	R
						12,257	9-663.5-LW	S/A	U	
						12,042	9-663.0-RI	S/A	U	
		664.4	WAT	10/23-11/05		77,154	9-664.4-RI	A	C	
		WAT	DUBQ	GM	CM	CH	TOTAL	1984 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	599,245	0	35,381	147,898	370,000	1,152,524			
	MINN. RIVER	0	0	0	0	0	0	Total Beneficial Use	798,588	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Quantity Dredged	1,184,024	
	HARBORS	0	0	31,500	0	0	31,500			
	TOTAL	599,245	0	66,881	147,898	370,000	1,184,024	Beneficial Use Quantity	67%	
FISCAL YEAR	MISS. RIVER	561,964	0	98,621	85,123	69,000	814,708			
	MINN. RIVER	0	0	0	117,451	0	117,451	Total Jobs w/Beneficial Use	16	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Jobs	22	
	HARBORS	0	0	0	0	0	0			
	TOTAL	561,964	0	98,621	202,574	69,000	932,159	Beneficial Use Jobs	73%	