

1985 DREDGING SUMMARY - ST. PAUL DISTRICT										
POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
SC	Kinnikinnic Bar	SC6.5	WAT	06/03-06/10	13	60,581	SC-6.5-LW	L2/A	B	R
USAF	Abv. Lowry Ave. Br.	856.6	CM	11/01-11/21	12	17,772	U-856.6-RM	S/A	U	R
1	Abv. Lake St. Br.	850.0	CM	09/22-11/01	12	29,079	1-852.7-RM	S/A	U	R
2	St. Paul Barge Terminal	837.3	WAT	05/08-05/31	14/13	225,793	2-836.8-RM	L1/B	C	R
4	Chippewa Delta	763.8	WAT	07/09-07/29	9	170,544	4-761.0-RM	L1/S/A	C	R
4	Reads Landing	762.5	WAT	07/01-07/09	13	56,334	4-761.0-Rm	L1/S/A	C	R
4	Crats Island	759.2	WAT	04/30-05/04	13	38,589	4-759.3-LW	A	C	R
4	Crats Island	759.0	CM	07/05-07/18	13	13,631	4-759.7-RM	L1/B	U	R
4	Crats Island	759.1	WAT	08/02-08/06	12	29,199	4-759.7-RM	L1/B	C	R
4	Grand Encampment	756.5	WAT	07/30-08/01	11	20,026	4-756.5-LW	A	C	R
4	Aux. Gate Bays - L/D 4	752.9	GM	04/07-05/03	8	10,000	4-754.0-LW	L1/A	U	R
5	Aux. Gate Bays - L/D 5	738.1	GM	06/05-06/06	8	1,000	5A-735.8-RM	L1/B	U	R
						957	5A-734.5-LW	L3/A	U	
5A	Betsy Slough	731.1	WAT	06/17-06/19	12	23,249	5A-730.5-LW	L1/A	C	R
5A	Wilds Bend	730.4	WAT	06/12-06/15	12	43,040	5A-730.5-LW	L1/A	C	R
5A	Lock Chamber - L/D 5A	728.2	GM	05/08	8	411	6-726.0-LM	S/A	U	R
6	SBH-Winona	726.2	GM	05/10	6	250	6-726.0-LM	S/A	U	H
6	Homer	720.1	GM	06/10-07/18	12	24,837	6-723.6-RM	S/B	U	R
						4,526	6-726.2-RM	L1/B	U	
7	Winter's Landing	708.5	CM	05/16-07/03	12	45,736	7-714.1-LW	S/A	U	R
						2,250	7-704.6-RM	L1/B	U	
8	Abv. Brownsville	690.3	WAT	06/25-06/27	12	39,730	8-690.4-LW	A	C	R
8	Brownsville	688.9	WAT	06/20-06/24	12	25,710	8-688.7-RM	S/A	C	R
8	Head of Raft Channel	688.0	CM	07/22-08/15	12	25,128	8-688.7-RM	S/A	C	R
9	Indian Camp Light	665.5	CM	08/15-09/21	12	7,250	9-670.5-LW	S/L1/A	U	R
						20,259	9-663.5-LW	S/A	U	
10	McMillan Island	618.5	WAT	08/09-08/21	12	67,095	*10-618.8-RI	L1/B	C	R
* - In-water rehandling										
		WAT	DUBQ	GM	CM	CH	TOTAL	1985 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	739,309	0	41,731	161,105	0	942,145			
	MINN. RIVER	0	0	0	0	0	0	Total Beneficial Use		904,631
	ST. CROIX RIVER	60,581	0	0	0	0	60,581	Total Quantity Dredged		1,002,976
	HARBORS	0	0	250	0	0	250			
	TOTAL	799,890	0	41,981	187,565	0	1,002,976	Beneficial Use Quantity		90%
FISCAL YEAR	MISS. RIVER	816,463	0	41,731	183,412	301,000	1,342,606			
	MINN. RIVER	0	0	0	0	0	0	Total Jobs w/Beneficial Use		20
	ST. CROIX RIVER	60,581	0	0	0	0	60,581	Total Jobs		23
	HARBORS	0	0	31,750	0	0	31,750			
	TOTAL	877,044	0	73,481	183,412	0	1,434,937	Beneficial Use Jobs		87%

1986 DREDGING SUMMARY - ST. PAUL DISTRICT										
POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
USAF	Abv. Lowry Ave. Br.	856.6	CM	07/14-07/26	11	37,500	U-856.6-RM	S/A	U	R
1	LSAF Approach	848.1	CM	10/30	13	800	1-852.7-RM	S/A	U	R
2	Pine Bend	823.0	CM	06/21-07/13	12	19,519	2-822.8-LM	L2/A	B	E
						17,950	2-823.3-LM	L2/A	B	
3	Diamond Bluff	799.0	WAT	11/07-11/10	11	34,771	3-799.9-LW	L1/B	C	E
3	L/D 3 Aux. Gates	797.0	GM	06/19-06/25	8	4,800	3-799.2-RM	L3/A	U	R
4	Crats Island	758.8	WAT	06/11-06/16	13	183,322	4-759.3-LW	A	C	E
				07/16-07/19						
4	Crats Island	759.2	WAT	11/03-11/05	12	26,195	4-759.3-LW	A	C	R
4	Teepeeota Point	757.5	WAT	06/11-06/16	12	54,827	4-757.5-LW	A	C	R
				07/20-07/22						
4	Teepeeota Point	759.7	GM	11/09	11	275	4-757.6-LW	A	O	E
4	Grand Encampment	756.5	WAT	08/05-08/06	12	19,000	4-756.5-LW	A	C	R
5	Below West Newton	746.5	WAT	07/23-07/26	12	31,606	5-745.8-RM	A	C	R
5	Fisher Island	745.0	WAT	07/26-08/04	12	50,926	5-745.8-RM	A	C	R
						92,002	5-744.7-LW	A	C	
5	Lower Zumbro	744.0	WAT	07/19-07/29	11	97,793	5-744.7-LW	A	C	R
5A	Betsy Slough	731.0	WAT	08/08-08/10	12	39,426	5A-730.5-LW	L1/A	C	R
6	L/D 5A Gate Bay	728.7	GM	06/09	8	150	5A-728.7-RM	L3/A	U	R
6	SBH - Winona	726.3	GM	06/04-06/06	6	4,050	6-726.0-LM	S/A	U	H
6	Homer	720.2	WAT	11/13-11/14	11	18,845	6-720.5-RM	B	C	E
7	Winter's Landing	808.4	CM	07/29-08/23	12	59,881	7-714.1-LW	S/A	U	R
7	Dakota	707.0	WAT	07/04-07/05	12	18,056	7-706.5-RM	A	C	R
7	Dresbach	705.0	WAT	06/06-06/09	12	29,551	7-706.5-RM	A	C	I
				07/01-07/03						
8	Blw. LaCrosse R.R. Br.	699.0	CM	08/23-09/16	13	10,000	8-700.1-RM	L1/B	U	R
						20,000	8-700.1-RM	L1/A	U	
						11,000	8-697.7-LW	L1/B	U	
						10,915	8-695.7-LW	S/A	U	
8	Abv. Brownsville	690.3	WAT	07/06-07/09	11	26,727	8-690.4-LW	A	C	R
8	Abv. Brownsville	690.2	DUBQ	09/20-09/23	11	8,145	8-690.4-LW	A	C	R
8	Brownsville	689.0	WAT	07/10-07/14	11	44,744	8-688.7-RM	S/A	C	R
10	McMillan Island	619.0	DUBQ	09/09-09/23	11	6,895	10-619.3-RI	L2/A	B	R
		WAT	DUBQ	GM	CM	CH	TOTAL	1986 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	767,791	15,040	5,225	187,565	0	975,621			
	MINN. RIVER	0	0	0	0	0	0	Total Beneficial Use	322,401	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Quantity Dredged	979,671	
	HARBORS	0	0	4,050	0	0	4,050			
	TOTAL	767,791	15,040	9,275	187,565	0	979,671	Beneficial Use Quantity	33%	
FISCAL YEAR	MISS. RIVER	687,980	15,040	4,950	227,233	0	935,203			
	MINN. RIVER	0	0	0	0	0	0	Total Jobs w/Beneficial Use	12	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Jobs	25	
	HARBORS	0	0	4,050	0	0	4,050			
	TOTAL	687,980	15,040	9,000	227,233	0	939,253	Beneficial Use Jobs	48%	

1987 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
MN	Abv. Peterson Bar	M-12.1	CM	03/02-03/11	11	9,564	MN-12.1-RM	S/B	U	E
MN	Abv. Peterson Bar	M-12.1	DUBQ	05/26-06/01	12	8,637	MN-12.1-RM	S/B	C	R
MN	4 Mile Cut-Off	M-4.0	GM	08/18-09/04	12	4,389	2-840.4-RM	S/A	U	R
USAF	Mpls. Turning Basin	857.3	CM	07/21-07/30	12	21,601	U-856.6-RM	S/A	U	R
USAF	Abv. Lowry Ave. Br.	856.5	DUBQ	04/01-04/29	12	85,560	U-856.6-RM	S/A	C	E
USAF	Broadway Ave. Br.	855.6	CM	07/10-07/20	12	27,589	U-856.6-RM	S/A	U	R
1	Washington Ave. Br.	852.8	CM	07/01-07/08	11	10,894	1-853.2-LM	S/A	U	R
1	Abv. Lake St.	850.5	GM	03/25-04/02	12	11,550	1-853.2-LM	S/A	U	R
1	Abv. Lake St.	850.5	CM	06/22-06/29	11	12,213	1-853.2-LM	S/A	U	E
1	Blw. Lake St.	849.9	CM	05/21-06/01	12	41,342	1-853.2-LM	S/A	U	R
1	St. Paul Daymark	848.5	CM	04/30-05/21	12	38,884	1-853.2-LM	S/A	U	R
1	St. Paul Daymark	848.0	CM	06/29-06/30	12	4,527	1-853.2-LM	S/A	U	R
2	SBH - St. Paul	839.6	GM	08/04-08/17	6	4,409	2-840.4-RM	S/A	U	H
2	St. Paul Barge Terminal	837.5	WAT	07/07-07/19	13	32,199	2-836.8-RM	L1/B	C	R
2	Grey Cloud Slough	827.3	CM	06/16-06/19	11	10,698	2-827.1-RM	L2/A	B	E
3	Coulters Island	801.6	CM	08/04-08/06	11	3,174	3-799.9-LW	L1/B	U	R
4	Teepeeota Point	757.5	DUBQ	06/05-06/16	12	20,741	4-757.5-LW	A	C	R
4	Grand Encampment	756.5	CM	08/07-08/23	12	22,804	4-754.0-LW	S/A	U	R
5	Lower Zumbro	744.5	WAT	06/26-06/30	12	24,622	5-744.7-LW	L3/A	C	R
6	SBH - Winona	726.3	CM	03/23-03/24	6	760	6-726.0-LM	S/A	U	H
7	Dresbach Island	703.0	DUBQ	03/20-03/21	11	2,409	7-703.0-LW	L2/A	B	I
8	Brownsville	689.0	WAT	06/23-06/25	12	18,153	8-688.7-RM	S/A	C	R
9	Indian Camp Light	665.7	WAT	05/02-05/03	12	21,101	9-665.7-RI	L2/A	B	E
		WAT	DUBQ	GM	CM	CH	TOTAL	1987 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	96,075	108,710	11,550	193,726	0	410,061			
	MINN. RIVER	0	8,637	4,389	9,564	0	22,590	Total Beneficial Use	417,079	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Quantity Dredged	437,820	
	HARBORS	0	0	4,409	760	0	5,169			
	TOTAL	96,075	117,347	20,348	204,050	0	437,820	Beneficial Use Quantity	95%	
FISCAL YEAR	MISS. RIVER	175,886	108,710	11,825	194,526	0	490,947			
	MINN. RIVER	0	8,637	4,389	9,564	0	22,590	Total Jobs w/Beneficial Use	22	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Jobs	23	
	HARBORS	0	0	4,409	760	0	5,169			
	TOTAL	175,886	117,347	20,623	204,850	0	518,706	Beneficial Use Jobs	96%	

1988 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
MN	Peterson's Bar	M-11.9-M-12.2	CM	10/13-10/19	12	3,870	MN-12.1-RM	S/B	U	R
USAF	Turning Basin	857.3-857.6	CM	09/27-10-12	12	33,655	U-856.6-RM	S/A	U	R
USAF	Abv. Lowry Ave. Br.	856.4-857.1	CM	08/24-08/30	12	2,164	U-856.6-RM	S/A	U	R
USAF	Abv. & Blw. Broadway Br.	855.4-855.6	CM	09/23-09/27	12	4,377	U-856.6-RM	S/A	U	R
USAF	Abv. & Blw. Plymouth Br.	854.8-855.3	CM	08/31-09/22	12	31,860	U-856.6-RM	S/A	U	R
1	Lwr. Approach LSAF Lock	853.4-853.5	CM	08/23-08/23	12	400	1-853.2-RM	S/A	U	R
1	Abv. Franklin Ave. Br.	851.5-851.8	CM	08/04-08/23	12	12,415	1-853.2-RM	S/A	U	R
1	Abv. Lake St. Bridge	849.9-851.0	CM	07/28-08/04	12	3,992	1-853.2-RM	S/A	U	R
1	St. Paul Daymark	848.7-848.8	CM	07/14-07/25	12	5,037	1-853.2-RM	S/A	U	R
2	St. Paul Barge Terminal	837.2-837.4	WAT	07/01-07/16	13	138,655	2-836.8-RM	L1/B	C	R
2	Pine Bend Foot Light	834.3-824.6	GM	04/01-04/12	12	22,000	2-823.8-RM	S/B	U	E
4	Cannon River	792.7-793.2	CM	06/22-07/12	11	12,791	4-788.5-RM	L1/A	U	I
4	Chippewa River Delta	763.3-763.5	WAT	05/27-06/28	9	382,816	4-762.7-LW	L1/S/A	C	R
5	Aux. Lock Chamber L/D 4	752.6-752.7	GM	11/07-11/10	8	2,160	4-754.0-LW	S/A	U	R
5	Below West Newton	746.4-746.6	WAT	05/23-05/24	12	15,055	5-745.8-RM	L3/A	C	R
5	Fisher Island	745.1-745.4	WAT	05/25-05/26	12	22,755	5-745.8-RM	L3/A	C	R
5A	Betsy Slough	731.1-731.4	CM	06/02-06/16	11	7,853	5A-731.9-LW	S/A	U	R
7	Lower Approach L/D 6	714.1-714.2	CM	11/21-11/22	13	500	7-714.1-LW	S/A	U	R
8	Above Brownsville	690.1-690.4	CM	10/21-11/04	13	23,313	8-695.7-LW	S/A	U	R
9	Lower Approach L/D 8	678.8-679.1	CM	11/07-11/16	13	5,322	9-670.5-LW	L1/A	U	R
		WAT	DUBQ	GM	CM	CH	TOTAL	1988 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	559,281	0	24,160	143,679	0	727,120			
	MINN. RIVER	0	0	0	3,870	0	3,870	Total Beneficial Use	730,990	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Quantity Dredged	730,990	
	HARBORS	0	0	0	0	0	0			
	TOTAL	559,281	0	24,160	187,565	0	730,990	Beneficial Use Quantity	100%	
FISCAL YEAR	MISS. RIVER	559,281	0	22,000	89,303	0	670,584			
	MINN. RIVER	0	0	0	0	0	0	Total Jobs w/Beneficial Use	20	
	ST. CROIX RIVER	0	0	0	0	0	0	Total Jobs	20	
	HARBORS	0	0	0	0	0	0			
	TOTAL	559,281	0	22,000	89,303	0	670,584	Beneficial Use Jobs	100%	

1989 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
MN	Peterson's Bar	M12.0-M12.4	DUBQ	08/07-08/10	12	12,478	MN-12.1-RM	S/L1/B	C	R
SC	Kinnikinnic Bar	SC6.4-SC6.6	GM	04/26-04/30	11	10,541	SC-6.5-LW	L1/A	U	E
USAF	Abv. Lowry Ave. Br.	856.4-867.2	DUBQ	08/14-08/22	12	16,167	U-856.6-RM	S/A	C	I
2	Pine Bend Foot Light	822.7-823.7	CM	08/02-08/17	12	15,253	2-823.8-RM	S/B	U	R
2	Boulanger Bend	820.8-821.4	WAT	09/19-09/30	12	88,294	2-821.5-LM	A	C	R
3	Lower Approach L/D 2	814.8-815.1	CM	09/22-10/02	13	10,503	2-815.1-RM	S/A	U	I
3	Smith Bar Upper Light	805.4-805.6	CM	10/02-10/05	11	3,268	2-815.1-RM	S/A	U	R
3	Coulter's Island	801.6-801.9	CM	07/23-08/02	12	11,120	3-799.9-LW	L1/B	U	R
3	Diamond Bluff	799.6-799.9	CM	07/13-07/23	12	12,966	3-799.9-LW	L1/B	U	R
5	Mule Bend	747.5-748.2	WAT	07/23-07/27	13	40,306	5-748.0-RM	A	C	R
5A	Betsy Slough	731.2-731.4	CM	06/14-06/23	13	21,993	5A-731.9-LW	S/A	U	R
5A	Wilds Bend	730.3-730.6	WAT	07/20-07/28	12	26,889	5A-730.5-LW	L1/A	C	R
						51,034	5A-729.4-RM	L1/A	B	
6	Blw. Winona R.R. Br.	723.4-723.6	CM	06/30-07/12	13	14,542	6-726.3-RM	S/A	U	R
7	Winters Ldg. New Channel	708.0-709.0	CM	Early Summer	11/12	10,000	7-706.5-RM	A	U	R
				Early Summer		21,460	7-714.1-LW	S/A	U	
				Early Fall		15,708	7-713.1-RM	S/B	U	R
7	Head of Dresbach Island	705.0-705.5	WAT	07/17-07/20	12	19,233	7-705.0-LW	L2/A	B	R
7	Upper Approach L/D 7	703.5-703.7	CM	08/18-09/08	13	7,193	7-714.1-LW	S/A	U	R
8	LaCrosse, WI	698.6-698.7	CM	06/26-06/29	13	8,113	8-695.7-LW	S/A	U	R
8	Head of Raft Channel	687.7-688.1	WAT	06/28-07/11	14	64,864	8-687.0-RM	L3/A	O	R
8	Blw. Hd. of Raft Channel	687.2-687.6	WAT	07/11-07/14	13	34,725	8-687.0-RM	L3/A	O	R
9	Island 126	677.4-677.9	CM	09/11-09/20	12	8,044	9-670.5-LW	L1/A	U	R
9	Indian Camp Light	665.6-665.7	CM	06/06-06/07	12	4,974	9-663.5-LW	S/A	U	R
9	Lansing Upper Light	664.4-664.7	CM	05/22-06/07	12	18,921	9-663.5-LW	S/A	U	R
		WAT	DUBQ	GM	CM	CH	TOTAL	1989 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	325,345	16,167	0	184,058	0	525,570			
	MINN. RIVER	0	12,478	0	0	0	12,478	Total Beneficial Use	409,989	
	ST. CROIX RIVER	0	0	10,541	0	0	10,541	Total Quantity Dredged	548,589	
	HARBORS	0	0	0	0	0	0			
	TOTAL	325,345	28,645	10,541	184,058	0	548,589	Beneficial Use Quantity	75%	
FISCAL YEAR	MISS. RIVER	325,345	16,167	2,160	233,256	0	576,928			
	MINN. RIVER	0	12,478	0	3,870	0	16,348	Total Jobs w/Beneficial Use	21	
	ST. CROIX RIVER	0	0	10,541	0	0	10,541	Total Jobs	23	
	HARBORS	0	0	0	0	0	0			
	TOTAL	325,345	28,645	12,701	237,126	0	603,817	Beneficial Use Jobs	91%	