

Appendix E.
Corps Program Matrices

Table E.1. Corps of Engineers programs in the Great Lakes basin – CAPs and other construction programs. Program spending and numbers of projects (FY 1992 – FY 2002)

Program Expenditure History (\$000)													Projects		
Title (Authority)	Corps Districts	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	Total (FY92– FY02)	Number Consider- ed ^a	Number Construct- ed
<i>CAPs:</i>															
<i>Environmental Restoration CAPs</i>															
Aquatic Ecosystem Restoration (Section 206, WRDA of 1996)	Great Lakes	-	-	-	-	-	-	40	172	573	1,782	5,956	8,953	62	3
	Buffalo	-	-	-	-	-	-	-	32	9	28	59	128	3	0
	Chicago	-	-	-	-	-	-	35	68	120	1242	5409	6874	35	3
	Detroit	-	-	-	-	-	-	5	72	444	512	498	1531	24	0
Aquatic Plant Control (Section 104, RHA of 1958)	Great Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Detroit	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beneficial Use of Dredged Material (Section 204, WRDA of 1992)	Great Lakes	0	0	0	0	0	46	66	160	207	180	583	1,241	2	0
	Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chicago	0	0	0	0	0	0	0	0	100	174	502	776	0	0
	Detroit	0	0	0	0	0	46	66	160	107	5	81	465	2	0
Environmental Improvements (Section 1135, WRDA of 1986)	Great Lakes	0	0	2,003	2,029	28	7,113	128	96	88	1,531	2,405	15,421	26	1
	Buffalo	0	0	2,000	2,000	0	7,000	20	41	36	769	1,010	12,876	9	0
	Chicago	0	0	0	0	0	6	4	7	29	491	104	642	1	0
	Detroit	0	0	3	29	28	107	104	48	23	271	1,291	1,903	16	1
Riverine Ecosystem Restoration & Flood Hazard Mitigation (Section 212, WRDA of 1999)	Great Lakes	-	-	-	-	-	-	-	-	0	0	0	0	0	0
	Buffalo	-	-	-	-	-	-	-	-	0	0	0	0	0	0
	Chicago	-	-	-	-	-	-	-	-	0	0	0	0	0	0
	Detroit	-	-	-	-	-	-	-	-	0	0	0	0	0	0
<i>Environmental Restoration</i>		0	0	2,003	2,029	28	7,159	233	428	869	3,493	8,953	25,197	90	4

Table E.1 (continued)

Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02	consid.	constr.
<i>Flood Protection and Shoreline Erosion Prevention CAPs</i>															
Clearing & Snagging (Section 208, FCA of 1954)	Great Lakes	0	0	0	0	0	0	0	0	4	0	0	4	0	0
	Buffalo	0	0	0	0	0	0	0	0	3	0	0	3	0	0
	Chicago	0	0	0	0	0	0	0	0	1	0	0	1	0	0
	Detroit	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emergency Streambank & Shoreline Protection (Section 14, FCA of 1946)	Great Lakes	533	1,150	1,226	706	71	265	184	733	1,313	1,906	3,423	11,509	87	24
	Buffalo	301	944	779	271	41	115	87	230	407	508	1,220	4,903	45	8
	Chicago	0	6	33	0	0	10	1	18	83	881	414	1,445	6	2
	Detroit	232	201	414	435	30	140	96	485	823	518	1,789	5,161	36	14
Shore Protection (Section 103, RHA of 1962)	Great Lakes	518	77	-45	0	0	16	42	177	81	172	157	1,195	8	0
	Buffalo	518	77	-45	0	0	16	42	177	81	172	102	1,140	7	0
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Detroit	0	0	0	0	0	0	0	0	0	0	55	55	1	0
Small Flood Control Projects (Section 205, FCA of 1948)	Great Lakes	520	623	722	1,786	649	848	1,801	823	1,004	2,599	1,685	13,060	43	3
	Buffalo	407	404	556	1,708	416	167	192	412	352	184	219	5,017	20	1
	Chicago	90	219	166	78	233	671	1,601	338	533	2,199	1,363	7,490	15	2
	Detroit	23	0	0	0	0	10	8	73	119	216	103	553	8	0
<i>Flood Protection and Shoreline Erosion Prevention</i>		<i>1,571</i>	<i>1,850</i>	<i>1,903</i>	<i>2,492</i>	<i>720</i>	<i>1,129</i>	<i>2,027</i>	<i>1,733</i>	<i>2,402</i>	<i>4,678</i>	<i>5,265</i>	<i>25,768</i>	<i>138</i>	<i>27</i>
<i>Navigation CAP</i>															
Small Navigation Projects (Section 107, RHA of 1960)	Great Lakes	114	11	192	744	801	711	248	2,214	1,606	1,230	845	8,716	29	3
	Buffalo	114	11	192	744	801	692	168	1,921	41	357	339	5,380	16	2
	Chicago	0	0	0	0	0	2	0	8	5	97	59	170	1	0
	Detroit	0	0	0	0	0	17	80	285	1,560	776	447	3,166	12	1
<i>Navigation</i>		<i>114</i>	<i>11</i>	<i>192</i>	<i>744</i>	<i>801</i>	<i>711</i>	<i>248</i>	<i>2,214</i>	<i>1,606</i>	<i>1,230</i>	<i>845</i>	<i>8,716</i>	<i>29</i>	<i>3</i>
<i>CAPs</i>		<i>1,685</i>	<i>1,861</i>	<i>4,097</i>	<i>5,265</i>	<i>1,549</i>	<i>8,999</i>	<i>2,508</i>	<i>4,375</i>	<i>4,877</i>	<i>9,400</i>	<i>15,063</i>	<i>59,680</i>	<i>257</i>	<i>34</i>

Table E.1 (continued)

Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02	consid.	constr.
<i>Great Lakes Programs</i>															
Great Lakes Fishery & Ecosystem Restoration (Section 502, WRDA of 2000)	Great Lakes	-	-	-	-	-	-	-	-	-	0	146	146	0	0
	Buffalo	-	-	-	-	-	-	-	-	-	0	0	0	0	0
	Chicago	-	-	-	-	-	-	-	-	-	0	0	0	0	0
	Detroit	-	-	-	-	-	-	-	-	-	0	146	146	0	0
Great Lakes Remedial Action Plans & Sediment Remediation (Section 401(b), WRDA of 1990)	Great Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Detroit	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Environmental Restoration</i>															
Environmental Dredging (Section 312, WRDA of 1990)	Great Lakes	0	0	0	0	0	0	135	0	491	319	547	1,492	6	0
	Buffalo	0	0	0	0	0	0	135	0	0	0	0	135	1	0
	Chicago	0	0	0	0	0	0	135	0	100	174	502	776	0	0
	Detroit	0	0	0	0	0	0	0	0	392	145	45	581	5	0

^aProjects for which federal funds were used for initial appraisal or feasibility study.

Table E.2. Corps of Engineers programs in the Great Lakes basin –planning and technical support programs. Program spending and numbers of projects (FY 1992 – FY 2002)

Program Expenditure History (\$000)														Projects
Title (Authority)	Corps Districts	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	Total (FY92– FY02)	
Floodplain Management Services (Section 206, FCA of 1960)	Great Lakes	491	447	451	567	394	544	469	550	384	489	461	5,245	100
	Buffalo	230	198	172	219	88	160	142	179	121	133	155	1,797	42
	Chicago	98	72	78	73	65	46	63	62	53	46	90	744	9
	Detroit	163	177	201	276	241	338	264	309	210	310	216	2,704	49
Planning Assistance to States (Section 22, WRDA of 1974)	Great Lakes	133	125	260	197	384	219	317	472	373	644	768	3,891	59
	Buffalo	2	0	92	-90	0	1	0	0	0	100	10	115	2
	Chicago	41	52	98	43	18	72	12	17	23	48	226	648	6
	Detroit	91	73	70	244	365	146	305	455	350	496	532	3,128	51
Tribal Partnership Program (Section 203, WRDA of 2000)	Great Lakes	-	-	-	-	-	-	-	-	-	0	0	0	0
	Buffalo	-	-	-	-	-	-	-	-	-	0	0	0	0
	Chicago	-	-	-	-	-	-	-	-	-	0	0	0	0
	Detroit	-	-	-	-	-	-	-	-	-	0	0	0	0
<i>Great Lakes Programs</i>														
Great Lakes Remedial Action Plans & Sediment Remediation (Section 401(b), WRDA of 1990)	Great Lakes	0	0	25	310	266	273	370	575	482	390	977	3,667	21
	Buffalo	0	0	25	300	25	25	25	25	25	25	250	725	5
	Chicago	0	0	0	0	236	238	274	350	271	76	400	1,844	2
	Detroit	0	0	0	10	5	10	71	200	186	289	327	1,098	14
Great Lakes Tributary Models (Section 516(e), WRDA of 1996)	Great Lakes	-	-	-	-	-	0	0	386	548	170	390	1,493	12
	Buffalo	-	-	-	-	-	0	0	118	139	37	82	376	5
	Chicago	-	-	-	-	-	0	0	14	13	14	16	57	2
	Detroit	-	-	-	-	-	0	0	254	396	119	292	1,060	5
<i>Water Management</i>														
International Water Studies (?)	Great Lakes	176	30	471	626	396	315	297	288	371	357	325	3,446	n.a.
	Buffalo	176	30	182	191	150	130	120	112	145	136	115	1,487	n.a.
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0	n.a.
	Detroit	*	*	289	435	246	185	177	176	226	221	210	2,165	n.a.

Table E.2 (continued)

Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02	Projects
Surveillance of Northern Boundary Waters (?)	Great Lakes	567	673	4,314	4,757	3,335	4,776	4,775	4,766	4,877	4,911	4,904	41,414	n.a.
	Buffalo	567	672	674	787	565	666	825	596	627	681	634	7,294	n.a.
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0	n.a.
	Detroit	*	*	3,640	3,970	2,770	4,110	3,950	4,170	4,250	4,230	4,270	35,260	n.a.

n.a. = not applicable. * = no information provided.

Table E.3. Summary of Corps of Engineers water resources programs and projects in the Great Lakes basin – authorities and expenditure history (FY 1992 – FY 2002)

Program Category and Title (Authority)	Corps Districts	Program Expenditure History (\$000)											
		FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
<i>ENVIRONMENTAL RESTORATION</i>													
<i>CAPs:</i>													
Aquatic Ecosystem Restoration (Section 206, WRDA of 1996)	Great Lakes	-	-	-	-	-	-	40	172	573	1,782	5,956	8,953
	Buffalo	-	-	-	-	-	-	-	32	9	28	59	128
	Chicago	-	-	-	-	-	-	35	68	120	1242	5409	6874
	Detroit	-	-	-	-	-	-	5	72	444	512	498	1531
Aquatic Plant Control (Section 104, RHA of 1958)	Great Lakes	0	0	0	0	0	0	0	0	0	0	0	0
	Buffalo	0	0	0	0	0	0	0	0	0	0	0	0
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0
	Detroit	0	0	0	0	0	0	0	0	0	0	0	0
Beneficial Use of Dredged Material (Section 204, WRDA of 1992)	Great Lakes	0	0	0	0	0	46	66	160	207	180	583	1,241
	Buffalo	0	0	0	0	0	0	0	0	0	0	0	0
	Chicago	0	0	0	0	0	0	0	0	100	174	502	776
	Detroit	0	0	0	0	0	46	66	160	107	5	81	465
Environmental Improvements (Section 1135, WRDA of 1986)	Great Lakes	0	0	2,003	2,029	28	7,113	128	96	88	1,531	2,405	15,421
	Buffalo	0	0	2,000	2,000	0	7,000	20	41	36	769	1,010	12,876
	Chicago	0	0	0	0	0	6	4	7	29	491	104	642
	Detroit	0	0	3	29	28	107	104	48	23	271	1,291	1,903
Riverine Ecosystem Restoration & Flood Hazard Mitigation (Section 212, WRDA of 1999)	Great Lakes	-	-	-	-	-	-	-	-	0	0	0	0
	Buffalo	-	-	-	-	-	-	-	-	0	0	0	0
	Chicago	-	-	-	-	-	-	-	-	0	0	0	0
	Detroit	-	-	-	-	-	-	-	-	0	0	0	0
<i>CAPs</i>		0	0	2,003	2,089	28	7,159	215	406	864	3,503	9,665	25,873
<i>Ecosystem Restoration Projects (specifically authorized):</i>													
Chicago Sanitary & Ship Canal (Section 1202, NISA of 1996)	Chicago	-	-	-	-	-	-	47	30	28	1,341	215	2,606

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
<i>Ecosystem Restoration Projects (specifically authorized)</i>		-	-	-	-	-	-	47	30	28	1,341	215	2,606
<i>Environmental Dredging: (Section 312, WRDA of 1990)</i>													
Ashtabula River, OH	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Buffalo River, NY	Buffalo	*	*	*	*	*	0	(28)	(80)	(26)	0	*	135
	<i>Buffalo</i>	0	0	0	0	0	0	135	0	0	0	0	135
Indiana Harbor, IN	<i>Chicago</i>	0	0	0	0	0	0	0	0	100	174	502	776
Detroit River, OH	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Fox River, WI	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Muskegon Lake, MI	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Rouge River, MI	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
White Lake, MI	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
	<i>Detroit</i>	0	0	0	0	0	0	0	0	392	145	45	581
Environmental Dredging	Great Lakes	0	0	0	0	0	0	135	0	491	319	547	1,492
<i>Environmental Infrastructure:</i>													
Buffalo Flood and Water Quality (Section 116(w), WRDA of 1990)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Calumet Region, IN (Section 116(w), WRDA of 1990)	Chicago	0	0	0	0	0	0	0	456	0	0	2,699	3,155
Cook County, IL (FY 2001 Appropriation Act)	Chicago	-	-	-	-	-	-	-	-	-	-	80	80
Genesee County Drain, MI (Section 219, WRDA of 1992)	Detroit	-	*	*	*	*	*	*	*	*	*	*	*
Negaunee, MI (Section 219, WRDA of 1992)	Detroit	-	*	*	*	*	*	*	*	*	*	*	*
Northeastern MN (Section 569, WRDA of 1999)	Detroit	-	-	-	-	-	-	-	-	*	*	*	*
Onondaga Lake, NY (Section 573, WRDA of 1990)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Onondaga Lake, NY PL 101-596 (Section 411, WRDA of 1990)	Buffalo	*	*	*	*	0	0	0	456	0	0	0*	456
State of OH (Section 594, WRDA of 1999)	Buffalo	-	-	-	-	-	-	-	-	*	*	*	*
Twelve Towns Drain Retention Treatment Facility, MI (Section 219, WRDA of 1992)	Detroit	-	*	*	*	*	*	*	*	*	*	*	*
Environmental Infrastructure		0	0	0	0	0	0	0	911	0	0	2,779	3,690

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
<i>Great Lakes Programs:</i>													
Great Lakes Fishery & Ecosystem Restoration (Section 502, WRDA of 2000)	Great Lakes	-	-	-	-	-	-	-	-	-	0	146	146
	Buffalo	-	-	-	-	-	-	-	-	-	0	0	0
	Chicago	-	-	-	-	-	-	-	-	-	0	0	0
	Detroit	-	-	-	-	-	-	-	-	-	0	146	146
Great Lakes Programs		-	-	-	-	-	-	-	-	-	0	146	146
<i>Operation & Maintenance:</i>													
Alternative Technology Project, Duluth (Section 541(a), WRDA of 1996)	Detroit	-	-	-	-	-	*	*	*	*	*	*	*
O&M		0	0	0	0-	0-	*	*	*	*	*	*	*
<i>Reconnaissance Studies:</i>													
Cass River, MI (Section 905(b), WRDA of 1986)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Long Lake, IN (Section 428, WRDA of 2000)	Chicago	-	-	-	-	-	-	-	-	-	0	75	75
Reconnaissance Studies		0	0	0	0-	0-	0	0	0	0-	0-	75	75
<i>Regional Watershed Studies:</i>													
Lansing, MI (Greenway) (SR ^a 15 Jul 1947)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Onondaga County Watershed Study, NY (Section 307, WRDA of 1992)	Buffalo	-	*	*	*	338	567	586	982	1,065	52	*	3,589
Onondaga Lake Partnership, NY (Section 573, WRDA of 1999)	Buffalo	-	-	-	-	-	-	-	-	*	*	*	*
St. Clair River & Lake St. Clair, MI (Section 426, WRDA of 1999)	Detroit	-	-	-	-	-	-	-	-	*	*	*	*
Western Lake Erie Basin Study (Section 441, WRDA of 1999)	Buffalo	-	-	-	-	-	-	-	-	*	*	*	*
Regional Watershed Studies		0	0	0	0	338	567	586	982	1,065	52	0	3,589
<i>Research Programs:</i>													
Aquatic Plant Control Research (???)		*	*	*	*	*	*	*	*	*	*	*	*
Dredging Operations & Environmental Research (???)		*	*	*	*	*	*	*	*	*	*	*	*
Dredging Operations Technical Support		*	*	*	*	*	*	*	*	*	*	*	*

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(???) Water Operations Technical Support (???)		0	70	-20	40	0	0	82	61	90	21	35	379
Research Programs		0	70	-20	40	0	0	82	61	90	21	35	379
ENVIRONMENTAL RESTORATION		0	70	1,983	2,069	367	7,727	1,488	2,660	2,890	5,410	13,964	38,558
FLOOD PROTECTION AND SHORELINE EROSION PREVENTION													
<i>CAPs:</i>													
Clearing & Snagging (Section 208, FCA of 1954)	Great Lakes	0	0	0	0	0	0	0	0	4	0	0	4
	Buffalo	0	0	0	0	0	0	0	0	3	0	0	3
	Chicago	0	0	0	0	0	0	0	0	1	0	0	1
	Detroit	0	0	0	0	0	0	0	0	0	0	0	0
Emergency Streambank & Shoreline Protection (Section 14, FCA of 1946)	Great Lakes	533	1,150	1,226	706	71	265	184	733	1,313	1,906	3,423	11,509
	Buffalo	301	944	779	271	41	115	87	230	407	508	1,220	4,903
	Chicago	0	6	33	0	0	10	1	18	83	881	414	1,445
	Detroit	232	201	414	435	30	140	96	485	823	518	1,789	5,161
Shore Protection (Section 103, RHA of 1962)	Great Lakes	518	77	-45	0	0	16	42	177	81	172	157	1,195
	Buffalo	518	77	-45	0	0	16	42	177	81	172	102	1,140
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0
	Detroit	0	0	0	0	0	0	0	0	0	0	55	55
Small Flood Control Projects (Section 205, FCA of 1948)	Great Lakes	520	623	722	1,786	649	848	1,801	823	1,004	2,599	1,685	13,060
	Buffalo	407	404	556	1,708	416	167	192	412	352	184	219	5,017
	Chicago	90	219	166	78	233	671	1,601	338	533	2,199	1,363	7,490
	Detroit	23	0	0	0	0	10	8	73	119	216	103	553
CAPs		1,571	1,850	1,903	2,492	720	1,129	2,027	1,733	2,438	4,678	5,265	25,768
<i>Flood Protection Projects (specifically authorized):</i>													
Beauty Creek Watershed, IN (HR ^b)	Chicago	0	0	0	0	0	0	0	96	0	0	0	96
Cayuga Creek Watershed, NY (Section 434, WRDA of 1999)	Buffalo	-	-	-	-	-	-	-	*	*	*	*	*
Chicago River North Branch, IL	Chicago	0	0	199	0	0	300	518	136	1,100	2,565	200	4,818

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(Section 401, WRDA of 1986) Clinton River Spillway, MI (FCA of 1946)	Detroit	*	*	*	*	*	601	14	3	48	169	*	834
Deep River Basin, IN (Section 602, WRDA of 1986)	Chicago	0	0	0	0	0	0	0	75	0	0	-5	70
Ellicott Creek, NY (Committee on Transportation and Infrastructure Resolution 2568 07/23/98)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Fort Wayne Metro Area, IN (Section 101, WRDA of 1990)	Detroit	*	*	*	*	*	6,353	10,655	4,686	4,197	1,607	*	27,498
Kawkawlin River, MI (?)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Lake George, IN (Section 602, WRDA of 1986)	Chicago	330	260	200	200	0	100	3,500	0	-3,484	0	0	1,106
Little Calumet River Basin, Calumet Twp. (HR)	Chicago	0	0	0	49	34	0	0	0	0	0	0	83
Little Calumet River Basin, Dyer, IN (HR)	Chicago	0	0	118	172	-4	25	0	0	0	0	0	311
Little Calumet River Basin, Dyer, Cady Marsh Ditch, IN (Section 401(a), WRDA of 1986)	Chicago	170	170	310	150	0	200	122	0	0	350	107	1,579
Little Calumet River Basin, IN (Section 401, WRDA of 1986)	Chicago	3,913	146	13,843	1,570	3,848	9,639	8,378	5,657	8,061	8,289	5,695	69,039
Maumee River Basin, OH (Committee on Transportation and Infrastructure Resolution 2496 05/09/96)	Buffalo	*	*	*	*	0	49	0	0	0	0	*	49
Southeast Chicago, IL (HR)	Chicago	0	78	-50	212	131	35	0	0	0	0	*	406
Flood Protection Projects (specifically authorized)		8,413	13,654	19,620	2,353	7,512	21,917	24,634	11,585	9,541	13,255	6,297	114,608
<i>Navigation Projects (specifically authorized):</i>													
Chicago River North Branch, IL (RHA of 1946)	Chicago	88	78	-25	7	0	0	0	0	0	0	0	148
Navigation Projects (specifically authorized)		88	78	-25	7	0	0	0	0	0	0	0	148
<i>Operation & Maintenance:</i>													
Chicago River North Branch, IL (RHA of 1970)	Chicago	*	*	*	*	*	4	4	1	42	*	2	52

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
Indiana Dunes National Lakeshore, Beverly Shores, IN (PL 98-63)	Chicago	*	*	43	51	35	0	1,700	0	0	*	*	1,829
Mt. Morris Lake, NY (H. Doc. 615-78-2; Section 103(b), WRDA of 1992)	Buffalo	*	*	*	*	1,787	2,465	2,015	2,979	2,541	1,755	*	13,541
Owasco Outlet, Auburn, NY (?)	Buffalo	*	*	*	*	0	0	0	264	19	0	*	283
Saginaw River, MI (RHA of 1958)	Detroit	*	*	*	*	*	127	75	95	66	113	*	1,069
Sebewaing River, MI (H.Doc. 286-76-1)	Detroit	*	*	*	*	*	4	0	4	5	9	*	21
Operation & Maintenance		*	*	43	51	1,822	2,599	3,794	3,342	3,265	1,876	2	16,795
<i>Regional Watershed Studies:</i>													
Detroit River Masterplan, MI (Section 568, WRDA of 1999)	Detroit	-	-	-	-	-	-	-	-	*	*	*	*
Regional Watershed Studies		-	-	-	-	-	-	-	-	*	*	*	0
<i>Research Programs:</i>													
National Shoreline Erosion Control Development and Demonstration Program (Section 227, WRDA of 1996)		-	-	-	-	-	*	*	*	*	*	*	*
Research Programs		0	0	0	0	0	*	*	*	*	*	*	0
<i>Shore Protection Projects (specifically authorized):</i>													
Casino Beach, IL (Section 501(a), WRDA of 1986)	Chicago	375	110	820	1,000	0	152	-12	-140	0	0	0	2,305
Chicago Shoreline, IL (?)	Chicago	0	750	291	612	300	800	7,392	14,383	16,539	20,193	25,626	86,886
Detroit River Seawalls, Detroit, MI (Section 568, WRDA of 568)	Detroit	-	-	-	-	-	-	-	-	*	*	*	*
Hamlin and Lakeside Beach State Park, NY (Committee on Transportation and Infrastructure Resolution 2573-74 07/23/98)	Buffalo	-	-	-	-	-	-	-	*	*	*	*	*
Hammond, IN (Committee on Public Works Resolution)	Chicago	0	0	0	0	0	0	0	0	100	-46	0	54
Illinois Beach State Park, IL	Chicago	0	-15	0	-13	-9	0	0	0	-129	182	-182	-247

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(Section 501(b), WRDA of 1986) Illinois Shore Erosion (HR)	Chicago	120	40	153	146	26	25	0	213	50	54	25	852
Indiana Shoreline Erosion (HR)	Chicago	*	20	*	13	1,500	2,200	3,000	700	33	838	840	9,144
Presque Isle Peninsula, PA (Section 501(a), WRDA of 1986)	Buffalo	*	*	*	*	452	642	510	756	380	514	*	3,253
Presque Isle Peninsula, PA, permanent (H.Doc. 231-81-1)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Shore Protection Projects (specifically authorized):		495	905	1,264	1,758	2,269	3,819	10,890	15,912	16,973	21,735	26,309	102,329
FLOOD PROTECTION AND SHORELINE EROSION PREVENTION		10,567	16,487	22,805	6,661	12,323	29,463	41,345	32,572	32,181	41,543	37,873	26,222
NAVIGATION (COMMERCIAL)													
<i>Great Lakes Programs:</i>													
Great Lakes Navigational System (Section 456, WRDA of 1999)		*	*	*	*	*	*	*	*	*	*	*	*
Great Lakes Programs		*	*	*	*	*	*	*	*	*	*	*	*
<i>Navigation Projects (specifically authorized):</i>													
Burns Waterway Harbor, IN (RHA of 1965)	Chicago	0	0	0	2,747	3,518	3,675	3,557	-113	0	0	0	13,384
Duluth-Superior Harbor, MN, WI (Section 202, WRDA of 1986)	Detroit	*	*	*	*	*	*	0	0	0	0	*	0
Great Lakes Connecting Channels & Harbors, MI (Section 101, WRDA of 1990)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Indiana Harbor CDF, IN (Section 201, WRDA of 1990)	Chicago	0	0	0	0	0	0	0	600	1,560	2,758	4,201	9,119
Knife River Harbor, MN (H.Doc. 463-83-2)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Port Clinton Harbor, OH (?)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Navigation Projects (specifically authorized)		0	0	0	2,747	3,518	3,675	3,557	487	1,560	2,758	4,201	22,503
<i>Operation & Maintenance:</i>													
Algoma Harbor, MI (RHA of 1871)	Detroit	*	*	*	*	*	14	28	1	80	1	*	124

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
Alpena Harbor, MI (RHA of 1919)	Detroit	*	*	*	*	*	2	52	76	761	81	*	973
Ashland Harbor, WI (RHA of 1960)	Detroit	*	*	*	*	*	30	1	62	136	8	*	3,877
Ashtabula Harbor, OH (RHA of 1935, 1937, 1945)	Buffalo	*	*	*	*	429	393	349	416	654	1,635	*	3,877
Black River, Port Huron, MI (RHA of 1922)	Detroit	*	*	*	*	*	30	5	7	48	*	*	90
Black Rock Channel & Tonawanda Harbor, NY (RHA of 1902, 1905, 1916, 1917, 1919, 1922, 1935, 1945, 1954)	Buffalo	*	*	*	*	3,547	3,508	4,274	3,549	1,907	1,784	*	18,568
Buffalo Harbor, NY (RHA of 1960)	Buffalo	*	*	*	*	614	1,151	1,448	1,468	655	320	*	5,656
Burns Waterway Harbor, IN (RHA of 1965)	Chicago	310	868	797	1,628	766	1,020	385	1,157	947	3,702	1,424	13,004
Calumet River & Harbor, IL, IN (RHA of 1962)	Chicago	711	734	1,016	1,400	565	672	912	1,331	3,327	3,384	4,139	18,189
Channels in Lake St. Clair, MI (S.Doc. 71-84-1)	Detroit	*	*	*	*	*	77	52	114	83	60	*	386
Charlevoix Harbor, MI (Section 107. RHA of 1960)	Detroit	*	*	*	*	*	244	375	151	88	171	*	1,029
Cheboygan Harbor, MI (?)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Chicago Harbor, IL (RHA of 1870; 1899; 1912; 1919; 1962; Section 107, FY 1982 Appropriations Act; PL 98-63)	Chicago	1,507	2,481	2,035	1,815	5,505	5,409	4,567	4,176	2,601	3,397	3,274	36,767
Chicago River, IL (RHA of 1919)	Chicago	480	405	287	365	395	284	306	271	351	328	356	3,828
Cleveland Harbor, OH (RHA of 1945)	Buffalo	*	*	*	*	5,441	14,427	9,062	4,953	5,733	7,966	*	47,582
Conneaut Harbor, OH (RHA of 1910)	Buffalo	*	*	*	*	649	73	40	927	570	26	*	2,285
Detroit River, MI (S.Doc. 71-84-1, RHA of 1968)	Detroit	*	*	*	*	*	3,870	2,588	2,437	3,382	3,020	*	15,298
Dunkirk Harbor, NY (RHA of 1910)	Buffalo	*	*	*	*	262	241	365	357	413	258	*	1,895
Erie Harbor, East Canal Basin, PA (FY 1993 Appropriations Act)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Erie Harbor, PA (RHA of 1935)	Buffalo	*	*	*	*	520	899	3,999	15	110	147	*	5,689
Fairport Harbor, OH (RHA of 1896, 1905, 1919, 1930, 1935, 1937, 1946)	Buffalo	*	*	*	*	330	2,023	527	857	1,616	1,659	*	7,012
Frankfort Harbor, MI	Detroit	*	*	*	*	*	43	242	50	167	118	*	619

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(H.Doc. 482-5-2, H.Doc. 208-68-1, RHA of 1937, 1965)													
Grand Haven Harbor, MI (RHA of 1945)	Detroit	*	*	*	*	*	1,310	1,226	889	439	460	*	4,323
Grand Marais, MI (?)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Green Bay Harbor, WI (RHA of 1925, 1935, 1962; Section 601(c), WRDA of 1986)	Detroit	*	*	*	*	*	1,935	2,183	2,954	1,362	1,611	*	10,045
Harbor Beach Harbor, MI (RHA of 1871)	Detroit	*	*	*	*	*	84	528	15	1	*	*	628
Holland Harbor, MI (RHA of 1945)	Detroit	*	*	*	*	*	1,571	303	320	780	877	*	3,850
Huron Harbor, OH (RHA of 1905, 1919, 1935, 1962)	Buffalo	*	*	*	*	1,230	816	651	697	651	63	*	4,107
Indiana Harbor, IN (RHA of 1910)	Chicago	408	302	359	402	525	614	770	526	260	409	64	4,639
Kenosha Harbor, WI (RHA of 1899, 1962)	Detroit	*	*	*	*	187	62	438	197	79	*	*	962
Kewaunee Harbor, WI (RHA of 1910, 1935, 1960)	Detroit	*	*	*	*	*	206	221	282	718	93	*	1,520
Keweenaw Waterway, MI (H.Ex.Doc. 105-49-2)	Detroit	*	*	*	*	*	286	484	444	220	292	*	1,726
Lorain Harbor, OH (RHA of 1899, 1917, 1930, 1935, 1960; Section 201, WRDA of 1986)	Buffalo	*	*	*	*	2,089	1,164	1,357	691	1,208	1,262	*	7,772
Ludington Harbor, MI (RHA of 1899, 1907)	Detroit	*	*	*	*	*	140	757	1,723	1,126	235	*	3,980
Manistee Harbor, MI (RHA of 1912, 1960)	Detroit	*	*	*	*	*	66	472	259	22	592	*	1,412
Manistique Harbor, MI (RHA of 1905)	Detroit	*	*	*	*	*	124	113	236	2,043	2,221	*	4,737
Manitowoc Harbor, WI (RHA of 1907; Section 107, RHA of 1960)	Detroit	*	*	*	*	*	162	211	188	250	179	*	989
Marquette Harbor, MI (RHA of 1867, 1910, 1960)	Detroit	*	*	*	*	*	3	238	36	187	1	*	466
Menominee Harbor, MI, WI (RHA of 1902, 1960)	Detroit	*	*	*	*	*	148	45	145	180	79	*	597
Milwaukee Harbor, MI (RHA of 1945, 1960, 1962)	Detroit	*	*	*	*	*	2,978	1,354	768	1,242	395	*	6,737
Monroe Harbor, MI (RHA of 1930; Section 201, WRDA of 1986)	Detroit	*	*	*	*	*	637	196	1,009	180	532	*	2,589

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
Muskegon Harbor, MI (RHA of 1962)	Detroit	*	*	*	*	*	89	305	502	207	27	*	1,129
Ontonagon Harbor, MI (RHA of 1962)	Detroit	*	*	*	*	*	1,487	610	829	414	540	*	3,880
Oswego Harbor, NY (RHA of 1962)	Buffalo	*	*	*	*	414	573	81	248	892	972	*	3,180
Pentwater Harbor, MI (RHA of 1867; H.Doc. 181-39-2)	Detroit	*	*	*	*	*	2,810	1,557	863	3,818	597	*	9,654
Petoskey Harbor, MI (RHA of 1902)	Detroit	*	*	*	*	*	42	114	237	0	*	*	393
Port Clinton Harbor, OH (?)	Buffalo	*	*	*	*	*	18	39	0	0	28	*	85
Port Wing Harbor, WI (RHA of 1902, 1948)	Detroit	*	*	*	*	*	25	253	3	3	49	*	332
Portage Lake Harbor, MI (?)	Detroit	*	*	*	*	*	403	91	34	145	2,837	*	3,509
Portsmouth Harbor, OH (?)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Rochester Harbor, NY (RHA of 1945)	Buffalo	*	*	*	*	38	864	32	1,006	24	698	*	2,663
Rouge River, MI (RHA of 1958, 1962)	Detroit	*	*	*	*	*	357	458	549	124	179	*	1,668
Sag Harbor, NY (?)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Saginaw River, MI (RHA of 1930, 1938, 1954)	Detroit	*	*	*	*	*	1,844	1,113	2,092	1,022	1,940	*	8,011
Sandusky Harbor, OH (RHA of 1945)	Buffalo	*	*	*	*	110	709	788	900	959	692	*	4,158
Sheboygan Harbor, WI (RHA of 1907, 1927, 1935)	Detroit	*	*	*	*	*	106	194	71	123	105	*	599
South Haven Harbor, MI (RHA of 1905, 1935)	Detroit	*	*	*	*	*	85	54	170	350	100	*	759
St. Clair River, MI (S.Doc. 71-84-1)	Detroit	*	*	*	*	*	453	813	823	797	2,294	*	5,181
St. Joseph Harbor, MI (RHA of 1899, 1935, 1945)	Detroit	*	*	*	*	*	1,037	597	903	493	993	*	4,021
St. Mary's River, MI (RHA of 1946; S.Doc. 71-84-1; WRDA of 1986)	Detroit	*	*	*	*	*	15,638	16,704	22,252	20,857	22,080	*	97,532
Sturgeon Bay Harbor & Lake Michigan Ship Canal, WI (RHA of 1902)	Detroit	*	*	*	*	*	303	79	238	352	237	*	1,209
Toledo Harbor, OH	Detroit	*	*	*	*	2,974	2,400	3,328	4,237	2,734	2,829	*	18,502

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(RHA of 1950, 1958, 1960) Two Harbors, MN (?)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Two Rivers Harbor, WI (RHA of 1907, 1935, 1958)	Detroit	*	*	*	*	*	305	64	2	251	452	*	10,735
Waukegan Harbor, IL (RHA of 1945)	Chicago	456	889	2,030	502	670	743	831	1,333	733	1,056	765	10,008
White Lake Harbor, MI (?)	Detroit	*	*	*	*	*	1,933	5,277	699	79	177	*	8,166
Operation & Maintenance		3,871	5,679	6,524	6,112	27,758	78,976	74,504	71,743	68,949	76,246	10,022	439,546
NAVIGATION (COMMERCIAL)		3,871	5,679	6,524	8,859	30,776	82,651	78,061	72,230	70,509	79,004	14,223	452,387
NAVIGATION (RECREATIONAL)													
<i>CAPs:</i>													
Small Navigation Projects (Section 107, RHA of 1960)	Great Lakes	114	11	192	744	801	711	248	2,214	1,606	1,230	845	8,716
	Buffalo	114	11	192	744	801	692	168	1,921	41	357	339	5,380
	Chicago	0	0	0	0	0	2	0	8	5	97	59	170
	Detroit	0	0	0	0	0	17	80	285	1,560	776	447	3,166
CAPs		114	11	192	744	801	711	248	2,214	1,606	1,230	845	8,716
<i>Navigation Projects (specifically authorized):</i>													
Buffalo Small Boat Harbor, NY (?)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Cattaraugus Harbor, NY (RHA of 1968)	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
Cedar River Harbor, MI (RHA of 1965)	Detroit	*	*	*	*	*	1	0	0	0	0	*	1
Illinois & Michigan Canal (WRDA of 19??)	Chicago	0	0	51	50	25	268	0	-6	*	*	*	388
Michigan City Harbor CDF, IN (RHA of 1899, 1905, 1927, 1935, 1960, 1966)	Chicago	0	0	0	0	0	0	0	0	0	0	653	653
NY State Canal System (Section 1105, WRDA of 1986)	Buffalo	*	*	*	*	*	*	4	3,751	3,360	*	*	7,115
Olcott Harbor, NY (Section 601, WRDA of 1986)	Buffalo	*	*	*	*	3	0	0	1	*	*	*	4
Ottawa River, OH	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(Section 201, FCA of 1965) Port Ontario Harbor, NY	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
(Section 602, WRDA of 1986) Rocky River, OH	Buffalo	*	*	*	*	*	*	*	*	*	*	*	*
(RHA of 1937, 1965) Silver Bay Harbor, MN	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
(Section 102, WRDA of 1992) Tawas Bay Harbor, MI	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
(?) Waukegan Harbor CDF, IL	Chicago	*	*	*	*	0	49	0	0	0	0	*	49
(HR 17 Dec 1970; SR 8 Dec 1970)													
Navigation Projects (specifically authorized)		0	0	51	50	28	269	4	3,745	3,360	0	653	8,160
<i>Operation & Maintenance:</i>													
Arcadia Harbor, MI	Detroit	*	*	*	*	*	139	251	93	81	10	*	52
(RHA of 1905) AuSable Harbor at AuSable River (Oscoda), MI	Detroit	*	*	*	*	*	41	10	10	9	271	*	340
(RHA of 1945) Barcelona Harbor, NY	Detroit	*	*	*	*	*	0	0	465	62	5	*	533
(RHA of 1936) Bay Port Harbor, MI	Detroit	*	*	*	*	*	19	4	6	9	102	*	140
(Section 107, RHA of 1960) Big Bay Harbor, MI	Detroit	*	*	*	*	*	20	4	15	86	*	*	224
(RHA of 1945) Big Suamico River, MI	Detroit	*	*	*	*	*	16	6	6	127	124	*	279
(RHA of 1937) Black River Harbor, MI	Detroit	*	*	*	*	*	9	2	2	6	113	*	131
(RHA of 1945) Bolles Harbor, MI	Detroit	*	*	*	*	*	*	10	9	15	283	*	300
(Section 107, RHA of 1960) Burns Waterway Small Boat Harbor, IN	Chicago	118	125	206	80	141	5	0	95	1,858	0	120	2,748
(Section 107, RHA of 1960) Caseville Harbor, MI	Detroit	*	*	*	*	*	2	1	15	284	*	*	300
(RHA of 1962) Cattaraugus Creek Harbor, NY	Buffalo	*	*	*	*	*	18	0	20	0	29	*	67
(RHA of 1968) Cedar River Harbor, MI	Detroit	*	*	*	*	*	123	375	2,078	223	546	*	3,344
(RHA of 1965) Clinton River, MI	Detroit	*	*	*	*	*	108	26	11	107	*	*	252
(RHA of 1866; Section 107, RHA of 1960) Cornucopia Harbor, WI	Detroit	*	*	*	*	*	103	2	23	15	239	*	381

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(RHA of 1937, 1954) Duluth-Superior Harbor, MN, WI (RHA of 1960)	Detroit	*	*	*	*	*	3,524	4,158	2,905	2,331	2,313	*	15,231
Fox River, WI (WRDA of 1992)	Detroit	*	*	*	*	*	2,198	2,968	3,191	2,197	4,433	*	14,987
Grand Marais Harbor, MN (RHA of 1950)	Detroit	*	*	*	*	*	*	4	2	3	166	*	175
Grand Traverse Bay Harbor, MI (RHA of 1945)	Detroit	*	*	*	*	*	1	15	134	232	*	*	382
Great Sodus Bay Harbor, NY (RHA of 1935)	Buffalo	*	*	*	*	*	6	2	0	266	7	*	281
Greilickville Harbor, MI (RHA of 1948, 1964)	Detroit	*	*	*	*	*	5	8	10	26	*	*	49
Hammond Bay Harbor, MN (?)	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
Harrisville Harbor, MI (RHA of 1945)	Detroit	*	*	*	*	*	36	5	6	190	11	*	247
Inland Route, MI (RHA of 1954)	Detroit	*	*	*	*	*	15	24	540	221	23	*	822
Irondequoit Bay Harbor, NY (RHA of 1958)	Buffalo	*	*	*	*	231	0	0	351	3	*	*	377
La Pointe Harbor, MI (Section 107, RHA of 1960)	Detroit	*	*	*	*	*	16	1	12	1	*	*	30
Lac La Belle MI (RHA of 1945)	Detroit	*	*	*	*	*	15	21	5	41	14	*	96
Leland Harbor, MI (RHA of 1935, 1962)	Detroit	*	*	*	*	*	120	257	121	139	152	*	789
Lexington Harbor, MI (RHA of 1965)	Detroit	*	*	*	*	*	33	0	28	228	2	*	291
Little Lake Harbor, MI (RHA of 1945)	Detroit	*	*	*	*	*	129	60	131	72	435	*	827
Little Sodus Bay Harbor, NY (RHA of 1936)	Buffalo	*	*	*	*	220	1,280	199	3	*	8	*	279
Michigan City Harbor, IN (RHA of 1899, 1905, 1927, 1935, 1960, 1966)	Chicago	1,749	395	792	226	617	61	126	155	1,544	394	2,647	8,706
New Buffalo Harbor, MI (RHA of 1962)	Detroit	*	*	*	*	36	19	172	33	136	*	*	300
Oak Orchard Harbor, NY (RHA of 1945)	Buffalo	*	*	*	*	1	136	3	0	152	62	*	353
Oconto Harbor, WI (RHA of 1910)	Detroit	*	*	*	*	*	51	8	1	94	84	*	237
Olcott Harbor, NY	Buffalo	*	*	*	*	3	0	0	8	0	*	*	11

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
(WRDA of 1986) Pensaukee Harbor, WI	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
(?) Point Lookout, MI	Detroit	*	*	*	*	*	75	12	1	102	486	*	675
(RHA of 1945) Port Austin Harbor, MI	Detroit	*	*	*	*	*	*	1	3	19	21	*	44
(?) Port Sanilac Harbor, MI	Detroit	*	*	*	*	*	-6	2	12	42	283	*	333
(RHA of 1945) Port Washington Harbor, WI	Detroit	*	*	*	*	*	31	166	136	44	25	*	402
(RHA of 1970, 1935, 1958) Put-in Bay Harbor, NY	Buffalo	*	*	*	*	0	0	0	87	163	8	*	258
(?) Rocky River, OH	Buffalo	*	*	*	*	69	12	24	564	197	1,241	*	2,108
(RHA of 1937, 1965) Saugatuck Harbor, MI	Detroit	*	*	*	*	*	26	109	3,334	1,726	483	*	5,911
(RHA of 1896, 1910) Saxon Harbor, WI	Detroit	*	*	*	*	*	4	113	10	66	*	*	193
(RHA of 1958) Sebewaing River, MI	Detroit	*	*	*	*	*	15	2	187	66	36	*	305
(RHA of 1896) Sturgeon Point Harbor, NY	Buffalo	*	*	*	*	*	7	13	17	22	21	*	80
(Section 107, RHA of 1960) Tawas Bay Harbor, MI	Detroit	*	*	*	*	*	*	*	*	*	*	*	*
(?) Toussaint River, OH	Buffalo	*	*	*	*	*	*	0	403	142	226	*	771
(Section 107, RHA of 1960) Vermilion Harbor, OH	Buffalo	*	*	*	*	181	159	57	0	431	385	*	1,214
(RHA of 1905, 1958) West Harbor, OH	Buffalo	*	*	*	*	*	128	215	0	0	51	*	394
(RHA of 1965) Whitefish Point Harbor, MI	Detroit	*	*	*	*	*	16	2	8	137	*	*	163
(RHA of 1945) Wilson Harbor, NY	Buffalo	*	*	*	*	6	222	12	0	194	18	*	452
(RHA of 1945, 1968)													
Operation & Maintenance		1,867	520	998	306	1,315	8,917	9,474	15,217	14,220	13,052	2,767	68,973
<i>Reconnaissance Studies:</i>													
Cleveland Harbor Recon Study	Buffalo	*	*	*	*	*	0	0	51	0	*	*	51
(FY 1990 Appropriations Act)													

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
<i>Reconnaissance Studies</i>		*	*	*	*	*	0	0	51	0	*	*	51
NAVIGATION (RECREATIONAL)		1,981	531	1,241	1,100	2,145	9,897	9,726	21,226	19,186	14,282	4,265	85,900
<i>SEDIMENT REDUCTION</i>													
<i>Great Lakes Programs:</i>													
Great Lakes Tributary Models (Section 516(e), WRDA of 1996)	Great Lakes	-	-	-	-	-	0	0	386	548	170	390	1,493
	Buffalo	-	-	-	-	-	0	0	118	139	37	82	376
	Chicago	-	-	-	-	-	0	0	14	13	14	16	57
	Detroit	-	-	-	-	-	0	0	254	396	119	292	1,060
Great Lakes Programs		0	0	0	0	0	0	0	386	548	169	390	1,493
<i>Research Programs:</i>													
Regional Sediment Management Demo Program (?)		*	*	*	*	*	*	*	*	*	*	*	*
Research Programs		*	*	*	*	*	*	*	*	*	*	*	*
SEDIMENT CONTROL		0	0	0	0	0	0	0	386	548	169	390	1,493
PLANNING ASSISTANCE AND TECHNICAL SUPPORT PROGRAMS													
<i>Great Lakes Programs:</i>													
Great Lakes Remedial Action Plans & Sediment Remediation (Section 401(b), WRDA of 1990)	Great Lakes	0	0	25	310	266	273	370	575	482	390	977	3,667
	Buffalo	0	0	25	300	25	25	25	25	25	25	250	725
	Chicago	0	0	0	0	236	238	274	350	271	76	400	1,844
	Detroit	0	0	0	10	5	10	71	200	186	289	327	1,098
Great Lakes Programs		0	0	25	310	266	273	370	575	482	390	977	3,667
<i>Planning and Technical Support Programs:</i>													
Floodplain Management Services (Section 206, FCA of 1960)	Great Lakes	491	447	451	567	394	544	469	550	384	489	461	5,245
	Buffalo	230	198	172	219	88	160	142	179	121	133	155	1,797

Table E.3 (continued)

Program Category and Title (Authority)	Corps Districts	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY92- FY02
	Chicago	98	72	78	73	65	46	63	62	53	46	90	744
	Detroit	163	177	201	276	241	338	264	309	210	310	216	2,704
Planning Assistance to States (Section 22, WRDA of 1974)	Great Lakes	133	125	260	197	384	219	317	472	373	644	768	3,891
	Buffalo	2	0	92	-90	0	1	0	0	0	100	10	115
	Chicago	41	52	98	43	18	72	12	17	23	48	226	648
	Detroit	91	73	70	244	365	146	305	455	350	496	532	3,128
Tribal Partnership Program (Section 203, WRDA of 2000)	Great Lakes	-	-	-	-	-	-	-	-	-	0	0	0
	Buffalo	-	-	-	-	-	-	-	-	-	0	0	0
	Chicago	-	-	-	-	-	-	-	-	-	0	0	0
	Detroit	-	-	-	-	-	-	-	-	-	0	0	0
Planning and Technical Support Programs		623	572	711	764	777	763	786	1,023	757	1,133	1,228	9,136
PLANNING ASSISTANCE AND TECHNICAL SUPPORT PROGRAMS		623	572	711	764	1,051	1,051	1,161	1,573	1,219	1,508	2,205	12,438
WATER LEVEL MANAGEMENT AND MONITORING ACTIVITIES													
<i>Great Lakes Water Managements:</i>													
International Water Studies (?)	Great Lakes	176	30	471	626	396	315	297	288	371	357	325	3,446
	Buffalo	176	30	182	191	150	130	120	112	145	136	115	1,487
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0
	Detroit	*	*	289	435	246	185	177	176	226	221	210	2,165
Lake Michigan Diversion Accounting (Section 1142, WRDA of 1986)	Chicago	530	771	434	469	397	488	782	990	802	804	810	3,079
Surveillance of Northern Boundary Waters (?)	Great Lakes	567	673	4,314	4,757	3,335	4,776	4,775	4,766	4,877	4,911	4,904	41,414
	Buffalo	567	672	674	787	565	666	825	596	627	681	634	7,294
	Chicago	0	0	0	0	0	0	0	0	0	0	0	0
	Detroit	*	*	3,640	3,970	2,770	4,110	3,950	4,170	4,250	4,230	4,270	35,260
Great Lakes Water Management		1,273	1,743	5,219	5,851	4,128	5,579	5,854	6,044	6,050	6,072	6,039	49,383
WATER LEVEL MANAGEMENT AND MONITORING ACTIVITIES		1,273	1,743	5,219	5,851	4,128	5,579	5,854	6,044	6,050	6,072	6,039	49,383
GRAND TOTAL		18,315	25,082	38,481	25,303	50,788	136,367	137,663	136,773	132,608	147,988	78,985	920,651

* = no information provided. ^aSR = Senate Resolution. ^bHR = House Resolution. ^cH.Doc. = House Document. ^dH.ExDoc. = House Executive Document