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WASTEWATER DISPOSAL FACILITIES INVENTORY STATE OF MINNESOTA

July 1, 1987



MINNESOTA POLLUTION
CONTROL AGENCY
DIVISION OF WATER QUALITY

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MINNESOTA POLLUTION CONTROL AGENCY

Division of Water Quality

Regulatory Compliance Section

WASTEWATER DISPOSAL FACILITIES INVENTORY

July 1, 1987

Summary

	<u>Number</u>	<u>Population</u>
Total State Population (1980)		4,077,148
Municipalities in the State	855	3,126,332
Municipalities with Sewer Systems	649	3,041,840
Municipalities without Sewer System	206	84,492
Municipalities having a Sewer System without Treatment	4	961
Municipalities which have only Primary treatment (11 plants)	11	4,133
Municipalities which have a Maximum of Secondary Treatment (415 plants)	509	2,469,002
Municipalities which have Tertiary Treatment (106 plants)	125	567,744
Municipalities having a Sewer System with Treatment Works (531 plants)	645	3,040,879

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MINNESOTA POLLUTION CONTROL AGENCY

Division of Water Quality

Table 1

Municipal and Sanitary District Wastewater Treatment Works
Listed Alphabetically

July 1, 1987

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Ada	Norman	07-01	1895	1973	1,971	Stab. Pond	Ditch to Marsh River
Adams	Mower	07-10	1916	1959	797	P.S., T.F., F.S., Cl., D., Sl. B	Unnamed stream to Little Cedar River
Adrian	Nobles	09-07	1920	1961	1,336	Stab. Pond	Kanaranzi Creek
Aitkin	Aitkin	07-03	1910	1964, 84	1,770	Cut., Grit., A.S.C.S., F.S., Cl., A.S.D., Sl. Lagoon	Mississippi River
Albany	Stearns	07-03	1922	1954, 86	1,569	Stab. Pond, Chem. Treatment	Unnamed Stream to Schwinghamer Lake to So. Two River
Albert Lea	Freeborn	07-10	1910	1956-71 -83	19,190	Grit. Aer., pre- aer., P.S., T.F., A.S., F.S., Nitrification aer. tanks, nitrification clarifiers, e. filters, U.V., D, Sl.T., Sl.S.	Shell Rock River
Alberta	Stevens	07-04	1987	UC	145	Stab Ponds	County Ditch No. 4
Albertville	Wright	07-03	1954	1986	564	Stab Ponds	Mud Lake
Alden	Freeborn	07-04	1963	1964, 83	687	Stab Pond	Ditch to Foster Creek to E. Branch of Blue Earth River
Alexandria (ALASD)	Douglas	07-03	1912	----	7,608	ALASD Treat- ment Plant	Swamp to Lake Winona

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Altura	Winona	07-06	1951	1974,83,86	354	M. Screens, grit, Aer. pond, E. Polishing Pond-Aer.,Cl,Cl.D., Chem. treat., F.S., Floc.	Creek to South Fork Whitewater River
Alvarado	Marshall	07-01	1965	1966	385	Stab. Pond	Snake River
Amboy	Blue Earth	07-04	1922	1922	606	I.,Sl.B.	Judicial Ditch #49 to Maple R. to LeSueur R.
Andover	Anoka	07-06	1976	----	9,387	See MWCC-MWTP	Mississippi River
Annandale	Wright	07-03	1921	1962,82	1,568	Stab. Pond, Cl., Spray Irrig.	Land
Anoka (MWCC)	Anoka	07-03	1917	1956-69	15,634	Grit.,P.S.,A.S., F.S.,Cl.,D., Sl.B.(Glass covered)	Mississippi River
Appleton	Swift	07-04	1910	1934	1,842	I.,T.F.,F.S., Sl.B.	Pomme de Terre River
Apple Valley	Dakota	07-06	1965	----	21,818	See MWCC-Empire	Vermillion River
Arden Hills	Ramsey	07-06	1959	----	8,012	See MWCC-MWTP	Mississippi River
Argyle	Marshall	07-01	1918	UC	741	Stab Ponds	Middle River
Arlington	Sibley	07-04	1928	1960	1,779	Cut,P.S.,H.T.F., F.S.,D,Cl.,Sl. Lagoon	High Island Creek
Ashby	Grant	07-04	1953	UC	486	Stab. Ponds	Pelican Creek
Askov	Pine	07-05	1964	1964	350	Stab. Ponds	Unnamed Creek to Bear Creek
Atwater	Kandiyohi	07-03	1918	1971	1,128	Stab. Ponds	JD#17 to CD#47 to Middle Fork Crow River
Audubon	Becker	07-01	1964	1965	383	Stab. Ponds	Unnamed Stream to Reep Lake
Aurora	St. Louis	08-23	1936	1958,81	2,670	Bar screen,Grit., Cut.,P.S.,H.T.F., A.S.C.M., F.S.,Cl.,D., Sl.B.,Chem.Treat., M.M.G.F.	Creek to St. Louis River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Austin	Mower	07-10	1982	1924-39 61-74,87	23,020	A.D., Grease Flt., Floc., P.S., H.T.F., Int.S., T.F., F.S., Cl., D., Sl.S., Sl.B., R.B.S.	Cedar River
Avon	Stearns	07-03	1976	1976	804	Stab. Pond	Spunk Creek
Babbitt	St. Louis	08-23	1953	1953,79	2,435	Cut., P.S., A.S., F.S., Cl., V.F., Sl.H.	Hay Lake to Mud Lake to Embarrass River Land
Backus	Cass	07-03	1984	1985	255	Septic tanks, drainfields	
Badger	Roseau	07-01	1979	1979	320	Stab. Ponds	Badger Creek to Roseau River
Bagley	Clearwater	07-01	1939	1970	1,321	Stab. Ponds	Clearwater River
Balaton	Lyon	07-04	1969	1969	752	Stab. Ponds	Cottonwood River
Barnseville	Clay	07-01	1909	1971	2,207	Stab. Ponds	Ditch to Whiskey Creek
Barnum	Carlton	07-05	1923	1963	464	A.S.E.A., F.S., Sl.S., Cl	Moosehorn River to Hanging Horn Lake
Barrett	Grant	07-04	1961	1961	388	A.S.E.A., F.S., Sl.S., Cl.	Ditch to Pomme de Terre River
Barry	Big Stone	07-04	1938	1938	43	I	Marsh to Barry Lake
Battle Lake	Otter Tail	07-01	1951	1952	708	P.S., H.T.F., F.S., Cl., D., Sl.B.	Slaughterhouse Slough
Baudette	Lake of the Woods	07-02	1909	1970	1,170	Stab. Ponds	Rainy River
Baxter	Crow Wing	07-03	1979	----	2,625	MSS-Brainerd	Mississippi River
Bayport (MWCC)	Washington	07-05	1920	1940-59 64-73, -82	2,932	Cut., A.S.C.S., F.S., A.S.D., Cl., Sl.B., Chem. Treat.	St. Croix River
Beardsley	Big Stone	07-04	1976	1977	344	Stab. Pond, Cl., Spray Irrig.	Land

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Beaver Bay	Lake	08-23	1979	1982	283	Stab. Pond, peat filter, Seepage pit	Stream to Beaver River
Beaver Creek	Rock	09-07	1972	1972,78	260	Stab. Ponds	Spring Brook to Beaver Creek
Becker	Sherburne	07-03	1973	1973,82	601	Stab. Ponds	Ditch to Elk River
Belgrade	Stearns	07-03	1963	1986	805	Stab. Ponds Spray irrig.	Land
Bellechester	Wabasha & Goodhue	07-06	1969	1971	220	Stab. Ponds	Cold Creek to Zumbro River
Belle Plaine	Scott	07-04	1916	1963	2,754	Stab. Ponds	Minnesota River
Bellingham	Lacqui Parle	07-04	1979	1981	290	Stab. Ponds	Ditch to Marsh Lake
Belview	Redwood	07-04	1952	1953	438	P.S.,H.T.F.,F.S., Cl.,D.,Sl.B.	County Ditch 12 to Rice Creek
Bemidji	Beltrami	07-03	1900	1986	10,949	Screen, grit, P.S., A.S., F.S., Filtration, U.V., Chem. treat., Sl.T., D., Sl.S., odor control	Mississippi River to Lake Bemidji
Benson	Swift	07-04	1897	1936-64 -84	3,656	M.Screen, Grit. aer., T.F.,R.B.S., F.S.,D.,Cl.,effluent filter,Cl.D.	Chippewa River
Bertha	Todd	07-03	1937	1966	510	Cut.,A.S.C.S., A.S.D.,F.S.,Cl.	County Ditch 15 to Bear Creek to Little Partridge R.
Big Falls	Koochiching	07-02	1963	1964	490	Stab. Ponds	Big Fork River
Bigfork	Itasca	07-02	1964	1964	457	Stab. Ponds	Big Fork River
Big Lake	Sherburne	07-03	1979	1982	2,210	Cut.,A.S.E.A.- Ditch,F.S.,Cl., A.S.D.	Mississippi River
Birchwood	Washington	07-06	1964	----	1,059	See MWCC-MWTP	Mississippi River
Bird Island	Renville	07-04	1918	1972,82	1,372	Stab. Ponds, S. Ret. Pond	County Ditch 66 to East Fork Beaver Creek
Biwabik	St. Louis	08-23	1916	1966,UC	1,428	Stab. Ponds	Wetland to Embarrass Lake

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Blackduck	Beltrami	07-01	1913	1953-77	653	P.S.,H.T.F.,F.S., Chem. treatment	Coburn Creek to Blackduck Lake
Blaine	Anoka	07-06	1965	----	28,558	See MWCC-MWTP	Mississippi River
Blooming Prairie	Steele	07-10	1918	1959	1,969	P.S.,H.T.F.,F.S., Cl.,Sl. Chem.	Ditch to Creek to Cedar River
Bloomington	Hennepin	07-04	1959	----	81,831	See MWCC-Seneca	Minnesota River
Blue Earth	Faribault	07-04	1900	1964,UC	4,132	Grit Aer., M. Screen, Cut.,A.S. E.A.,F.S.,Cl., A.S.D.,Cl.D.	Blue Earth River
Bluffton	Ottertail	07-03	1986	UC	206	Stab. Ponds Spray Irrig.	Land
Bock	Mille Lacs	07-03	1934	1934	105	I.,T.F.	Bogus Brook to Rum River
Borup	Norman	07-01	1970	1971	160	Stab. Ponds	Unnamed ditch to Co. Ditch 10 to South Fork of Wild Rice River
Bovey	Itasca	07-03	1910	----	813	Joint Treatment Plant - See Coleraine	Swan River
Bowlus	Morrison	07-03	1967	1968	276	Stab. Ponds	Ditch to North Two River to Two River
Braham	Isanti	07-03	1941	1963	1,015	A.S.C.S.,A.S.D., F.S.,T.F.,Cl., Sl.S,Sl.B.	Ditch to Lower Stanchfield Branch to Little Stanchfield Lake
Brainerd	Crow Wing	07-03	1919	1981	11,489	Grit.Aer,M. Screens, P.S.,R.B.S.,F.S., Cl.,D.,Cen.,Sl.T.	Mississippi River
Brandon	Douglas	07-04	1956	UC	473	Stab. Pond Spray Irrig.	Land
Breckenridge	Wilkin	07-01	1915	1956	3,909	Stab. Pond	Red River of North
Breezy Point	Crow Wing	07-03	1977	1978	384	Aer. Pond,holding pond, spray irrig.	Land
Brewster	Nobles	07-11	1975	1975	559	Stab. Ponds	Okabena Creek

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Bricelyn	Faribault	07-04	1919	1971	487	Stab. Ponds	Brush Creek
Brooklyn Ctr.	Hennepin	07-06	1956	----	31,230	See MWCC-MWTP	Mississippi River
Brooklyn Pk.	Hennepin	07-06	1962	----	43,332	See MWCC-MWTP	Mississippi River
Brooten	Stearns	07-03	1972	1973	647	Stab. Ponds	Skunk River (CD#37)
Browerville	Todd	07-03	1964	1966	693	Stab. Ponds	Long Prairie River
Brownsdale	Mower	07-10	1953	1954	691	I.,H.T.F.,F.S., Cl., Sl.B.	unnamed stream to Roberts Creek
Browns Valley	Traverse	07-04	1914	1956	887	P.S.,H.T.F.,F.S., Cl.,D.,Sl.B.	Little Minnesota River to Big Stone Lake
Brownsville	Houston	07-06	1986	UC	418	M.Screens,septic tank,S.F.,Cl.	Mississippi River
Brownton	McLeod	07-03	1915	1972	697	Cut.,A.S.C.M., A.S.D.,F.S., Cl., Mic.	Buffalo Creek
Buffalo	Wright	07-03	1926	1981	4,560	Cut.,M.Screens, P.S.,A.S.C.M., F.S.,Cl.,A.S.D.	North Fork of the Crow River
Buffalo Lake	Renville	07-03	1918	1980	782	Stab. Ponds	Judicial Ditch 15 to Buffalo Creek
Buhl	St. Louis	08-23	1909	1961,86	1,284	M. Screen, grit aer., P.S., T.F., R.B.C.,chem. treat, F.S., Cl.,D.,V.F.	Buhl Creek to Six Mile Lake
Burnsville	Dakota	07-04	1963	----	35,674	See MWCC-Seneca	Minnesota River
Butterfield	Watonwan	07-04	1918	1974	634	M. Screens, Aer. Ponds, Stab. Ponds	Butterfield Creek
Byron	Olmsted	07-06	1957	1958,84	1,715	M. Screens, grit., P.S., T.F., int.S., A.S., F.S., Cl., D.,A.S.D.	Creek to South Branch Middle Fork
Caledonia	Houston	07-06	1917	1917-37-64, UC	2,691	Cut.,Grit.,P.S., S.B.R., flow equal,H.T.F., F.S.,Cl.,D.,Sl.B.	Zumbro River South Fork of Crooked Creek
Callaway	Becker	07-01	1936	1938	238	I.,Sl.B.	Ditch to Buffalo River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Calumet	Itasca	07-03	1910	----	469	Joint treatment plant-See Marble	Mud Lake
Cambridge	Isanti	07-03	1921	1959,UC	3,170	M.Screen,P.S., R.B.S.,H.T.F., F.S.,Cl.,Cl.D.,D.	Rum River
Campbell	Wilkin	07-01	1972	1973	286	Stab. Ponds	S. Fork Rabbit River to Bois de Sioux River
Canby	Yellow Medicine	07-04	1909	1953	2,143	Cut.,P.S.,H.T.F., F.S.,Cl.,D.,Sl.B.	Canby Creek
Cannon Falls	Goodhue	07-06	1905	1964,87	2,653	M. Screens, Grit., P.S., T.F., R.B.S., F.S., Cl., Cl.D.,D., Sl.H.	Cannon River
Canton	Fillmore	07-06	1958	1960	386	I.,T.F.,F.S., Cl.,Sl.B.	Creek to Weisel Creek to South Fork of Root River.
Carlos	Douglas	07-03	1968	1969	364	Stab. Ponds	Long Prairie River
Carlton	Carlton	08-23	1914	----	862	WLSSD Treatment Plant	St. Louis Bay
Carver	Carver	07-04	1986	UC	642	Septic tank,aer pond., S.F.,Cl., Cl.D.	Carver Creek
Cass Lake	Cass	07-03	1903	1986	1,001	Stab. pond, spray irrig.	Land
Center City	Chisago	07-05	1975	----	458	Lindstrom Treatment Plant	Unnamed Creek (outlet of Wallmark Lake)
Champlin	Hennepin	07-03	1963	----	9,006	Anoka Sewer Sys.	Mississippi River
Chandler	Murray	09-07	1972	1973	344	Stab. Ponds	Chanarambie Creek
Chanhassen	Carver-Hennepin	07-04	1958	----	6,359	See MWCC-Blue Lake Plant	Minnesota River
Chaska (MWCC)	Carver	07-04	1917	1963,79 UC	8,346	M. Screen, A.S.P.O.,A.S.D., Cl.,Sl.B.	Minnesota River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Chatfield	Fillmore & Olmsted	07-06	1911	1941,UC	2,055	M.Screen,Grit, P.S.,H.T.F.,A.S., S.C.C.,F.S., Cl.,Cl.D.,D., Sl.P.	North Branch Root River
Chicamaw Beach (PRASD)	Cass	07-03	1982	1984	124	Septic tank, Drainfield	Land
Chisago City	Chisago	07-05	1948	----	1,634	Lindstrom Treat- ment Plant	Unnamed Creek (outlet of Wallmark Lake)
Chisholm	St. Louis	08-23	1905	1955,81, 86	5,930	M. Screen,Grit., P.S.,H.T.F., A.S.C.M.,F.S., Cl.,D.,Sl.B.,Chem Treat.,M.M.G.F.	Unnamed Stream to Barber Creek
Chokio	Stevens	07-04	1937	1987	559	Stab. Ponds	Muddy Creek (CD#2)
Circle Pines	Anoka	07-06	1967	----	3,321	See MWCC-MWTP	Mississippi River
Clara City	Chippewa	07-04	1936	1965	1,574	Cut.,A.S.C.S., A.S.D.,F.S.,Cl.	Hawk Creek
Claremont	Dodge	07-06	1916	1967-85	591	Stab. Ponds	Dodge Center Creek
Clarissa	Todd	07-03	1948	1948	663	Cut.,F.Screen, H.T.F.,F.S., D., Sl. B.	Eagle Creek
Clarkfield	Yellow Medicine	07-04	1936	1972-83	1,171	C. Screens, Aer. Ponds, E. Polish- ing Pond	Ditch to County Ditch 9
Clarks Grove	Freeborn	07-10	1968	1968	620	Stab. Ponds	Ditch to Bancroft Creek (CD#63)
Clearbrook	Clearwater	07-01	1951	1952	579	I.,H.T.F.,F.S., Cl.,Sl.B.	Silver Creek
Clearwater- Clear Lake	Wright- Sherburn	07-03	1976	1978	645	Stab. Pond	Mississippi River
Clements	Redwood	07-04	1970	1971	227	Stab. Ponds	County Ditch 24 to Sleepy Eye Creek (JD#36)
Cleveland	LeSueur	07-04	1950	UC	699	Stab. Ponds	Cherry Creek
Climax	Polk	07-01	1919	1968	273	Stab. Ponds	Sand Hill River
Clinton	Big Stone	07-04	1936	1958	622	Stab. Pond	Unnamed Marsh

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Cloquet	Carlton	08-23	1905	----	11,142	WLSSD Treatment Plant	St. Louis Bay
Cokato	Wright	07-03	1907	1967-83	2,056	C.Screens,Cut., Grit.Aer.,P.S., A.S.C.S.,F.S., A.S.D.,Cl.	North Fork Crow River
Cold Spring	Stearns	07-03	1912	1962	2,294	P.S.,H.T.F., F.S.,Cl,D.,Sl.B.	Sauk River
Coleraine	Itasca	07-03	1910	UC	1,116	M.Screen,grit aer., alum mix tank, A.S.CM.,F.S., A.S.D.,Cl.,Cl.D.	Swan River
Cologne	Carver	07-04	1963	1964-84	545	Stab. Pond	Ditch to Lake Benton
Columbia Heights	Anoka	07-06	1927	----	20,029	See MWCC-MWTP	Mississippi River
Comfrey	Brown-Cottonwood	07-04	1952	1952	548	P.S.,H.T.F.,F.S., Cl.,D.,Sl.B.	Altermatts Creek to Little Cottonwood River
Comstock	Clay	07-01	1966	1966	110	Stab. Pond	Creek to Wolverton Creek
Cook	St. Louis	07-02	1938	UC	800	Stab. Pond	Little Fork River
Coon Rapids	Anoka	07-06	1965	----	35,826	See MWCC-MWTP	Mississippi River
Cosmos	Meeker	07-03	1972	1973	571	Stab. Ponds	So. Fork Crow River
Cottage Grove (MWCC)	Washington	07-06	1961	1962-69 1979	18,994	M.Screen,P.S., A.S.M.,F.S., M.M.G.F., Cl.,Sl.T.,D.	Mississippi River
Cottonwood	Lyon	07-04	1939	1982	924	Stab. Pond	Judicial Ditch No. 10
Cromwell	Carlton	07-03	1952	1985	229	Mounds, septic tanks, drainfields	Land
Crookston	Polk	07-01	1913	1959-70	8,628	Stab. Pond	Red Lake River
Crosby	Crow Wing	07-03	1919	1964	2,218	Cut.,A.S.E.A., F.S.,Cl.,Sl.S.	Serpent Creek to Armour No. 2 Mine Pit to Menomin Lake to Rabbit River
Crystal	Hennepin	07-06	1954	----	25,543	See MWCC-MWTP	Mississippi River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Currie	Murray	07-11	1922	1973	359	Stab. Ponds	West Fork Des Moines River
Cyrus	Pope	07-04	1936	UC	334	Aer. Pond, Screen Infiltration Basin	Land
Dalton	Otter Tail	07-04	1971	1971-84	248	Stab. Ponds, e. spray irrig.	Land
Danube	Renville	07-04	1977	1977	590	Stab. Ponds	County Ditch #37 to West Fork of Beaver Creek
Darwin	Meeker	07-03	1959	1960	282	Stab. Pond	Lake Darwin
Dassel	Meeker	07-03	1957	1986	1,066	Stab. Ponds, e. Spray Irrig.	Land
Dawson	Lac Qui Parle	07-04	1917	1972	1,901	A.S.E.A.-Ditch, Int. S., Chem. Treatment, F.S., Sl.H., Cl.	West Branch Lac Qui Parle River
Deephaven	Hennepin	07-04	1971	----	3,716	See MWCC-Blue Lake Plant	Minnesota River
Deer Creek	Otter Tail	07-03	1967	1968	392	Stab. Ponds	Deer Creek
Deer River	Itasca	07-03	1923	UC	907	Stab. Ponds	Deer River
Deerwood	Crow Wing	07-03	1914	1964	580	Cut., A.S.E.A., F.S., Cl., Sl.	Cranberry Lake
Delano	Wright	07-03	1953	UC	2,480	Hydroseive, A.S.E.A.-Ditch F.S., Cl., Cl.D., A.S.D.	South Fork Crow River
Dennison	Goodhue & Rice	07-06	1962	1962	176	Stab. Pond	Creek to Prairie Creek
Dent	Otter Tail	07-01	1970	1971	167	Stab. Pond E. absorption Pd.	Land

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Detroit Lakes	Becker	07-01	1919	1929-41 63-77	7,106	Cut., Grit., P.S., H.T.F., F.S., D., Sl.B., E. Polishing Pond, S.C.C., Re- carbonation Unit, M.M.G.F., Chem. Treat., Cl., lime sludge conc., lime sludge lagoon, e. absorption pond, e. spray irrig.	St. Clair Lake, Soil
Dexter	Mower	07-06	1968	1968	279	Stab. Ponds	Unnamed to North Branch Root River
Dilworth	Clay	07-01	1936	----	2,585	Moorhead Sewer System	Red River of North
Dodge Center	Dodge	07-06	1917	1957	1,816	P.S., H.T.F., F.S., Cl., D., Sl.B.	Dodge Center Creek
Donnelly	Stevens	07-01	----	1986	317	Mound, drainfield	Land
Dover	Olmsted	07-06	1976	----	312	DESCAD treat- ment plant	South Fork of Whitewater River
Duluth	St. Louis	08-23	1883	----	92,811	WLSSD Treat- ment Plant	St. Louis Bay
Eagan	Dakota	07-04	1967	----	20,532	See MWCC-Seneca	Minnesota River
Eagle Bend	Todd	07-03	1959	1960	593	Stab. Pond	Eagle Creek
Eagle Lake	Blue Earth	07-04	1964	1965	1,470	A.S.C.S., A.S.D., F.S., Cl., Sl.B.	Ditch to LeSueur River
East Grant Forks	Polk	07-01	1924	1960	8,537	Stab. Pond	Red River of North
Echo	Yellow Medicine	07-04	1952	1953	334	P.S., H.T.F., F.S., Cl., D., Sl.B.	Ditch to Boiling Spring Creek (CD#1B)
Eden Prairie	Hennepin	07-04	1971	----	16,263	See MWCC-Blue Lake Plant	Minnesota River
Eden Valley	Meeker & Stearns	07-03	1962	1963-84	763	Stab. Pond	Land
Edgerton	Pipestone	09-07	1921	1973	1,123	e. spray irrig. Stab. Pond	Chanarambie Creek to Rock River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Edina	Hennepin	07-06	1923	----	46,073	See MWCC-MWTP	Mississippi River
Eitzen	Houston	07-06	1986	1987	226	Stab. Ponds, Spray irrig.	Land
Elbow Lake	Grant	07-01	1926	1983	1,358	Stab. Pond	Creek to Mustinka River
Elgin	Wabasha	07-06	1957	----	667	See Plainview-Elgin San. Sewer Dist. Plant	North Fork Whitewater River
Elizabeth	Otter Tail	07-01	1977	1978	195	Stab. Pond	Pelican River
Elk River	Sherburne	07-03	1931	1979	6,785	M.Screens,Grit., P.S.,R.B.S.,F.S., Cl.,D.,Sl.B.	Mississippi River
Elko	Scott	07-06	1987	UC	274	Stab. Ponds	Ditch to Vermillion River
Elkton	Mower	07-10	1977	1978	139	Stab. ponds	Tile to Schwerin Creek
Ellendale	Steele	07-06	1977	1978	555	Stab. ponds	Public Title #11 to lateral #2 of Judicial Ditch #2 to Judicial Ditch #2 (Straight River
Ellsworth	Nobles	09-07	1948	1949	629	I.,H.T.F.,F.S., Cl.,Sl.B.	Norwegian Creek to Kanaranzi Creek
Elmore	Faribault	07-04	1920	1962	882	Stab. Ponds	Ditch to Blue Earth River
Ely	St. Louis	07-02	1901	1954-63 1972	4,820	C.Screens,Grit., Cut.,P.S.,H.T.F., F.S.,Cl.,D.,Sl.B., Chem-Treatment,P.S., M.M.G.F.,Sl.T., Sl.S.,V.F.	Shagawa Lake
Elysian	LeSueur	07-04	1973	1974	454	Stab. Ponds, Cl., E. Irrig.	Land
Emmons	Freeborn	07-10	1923	1965	465	A.S.C.S.,A.S.D., P.S.,Cl.	Creek to Lime Creek
Erskine	Polk	07-01	1967	1968	585	Stab. Ponds	Ditch to Badger Lake
Evansville	Douglas	07-04	1964	1965	571	A.S.C.S.,A.S.D., F.S,Cl.,Sl.B.	Ditch to Lake Fanny

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Eveleth	St. Louis	08-23	1900	1972,83	5,042	Cut.,C.Screen,Grit. Aer.,A.S.C.M.,F.S., A.S.D.,retention tank,Chem. Treat., M.M.G.F.,Cl.	Elbow Creek to Elbow Lake
Excelsior	Hennepin	07-04	1927	----	2,523	See MWCC-Blue Lake Plant	Minnesota River
Eyota	Olmstead	07-06	1954	----	1,244	DESCAD treatment Plant	South Fork of Whitewater River
Fairfax	Renville	07-04	----	1973	1,405	Stab. Ponds	Ditch 3 to Ft. Ridgely Cr.
Fairmont	Martin	07-04	1907	1973	11,506	M.Screen,Grit, P.S.,A.S.C.M., F.S.,Mic.,Sl.T., A.S.D.,Cl.,Sl. Lagoon	Center Creek to Blue Earth River
Falcon Hts. Faribault	Ramsey Rice	07-06 07-06	1957 1905 78	---- 1956-65, 87	5,291 16,241	See MWCC-MWTP Cut.,Grit., Pre-aer.,P.S., H.T.F.,A.S.M., F.S.,Cl.,Post-Aer.,D.,Sl. Lagoon Sl.T.	Mississippi River Straight River
Farmington Felton	Dakota Clay	07-06 07-01	1917 1967	---- 1967	4,370 264	See MWCC-Empire Stab. Ponds	Vermillion River Ditch to Wild Rice River
Fergus Falls	Otter Tail	07-01	1882	1936- 60-69-86	12,519	M. Screen, Grit aer., A.S., F.S., D., Cl.,Sl.T.Cl.D.	Ottertail River
Fertile Finlayson	Polk Pine	07-01 07-05	1921 1968	1986 1969	869 202	Stab. Ponds Stab. Ponds	Sand Hill River Ditch to O'Mix Creek to Pine River
Fisher Flensburg Floodwood	Polk Morrison St. Louis	07-01 07-03 08-23	1968 1951 1941	1968 1983 1970	453 256 648	Stab. Ponds Stab. Pond Stab. Ponds	Red Lake River Slough to Pike Creek Savanna River to St. Louis River
Foley	Benton	07-03	1921	1967	1,606	Stab. Ponds	Slough to Stony Brook

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Forest Lake	Washington	07-06	1919	----	4,596	See MWCC-MWTP	Mississippi River
Foreston	Mille Lacs	07-03	1980	1982	283	Stab. Ponds	West Branch of the Rum River
Fosston	Polk	07-01	1915	1946-65, UC	1,599	Pre-Aer., Stab. Pond	Poplar River
Franklin	Renville	07-04	1941	1973	512	Aer. Ponds, Cl.	Minnesota River
Franklin	St. Louis	08-23	1923	----	27	Virginia Sewer System	Unnamed creek to Manganika Lake
Frazee	Becker	07-01	1941	1965, UC	1,284	Aer. holding ponds rapid infil. basins	Land
Freeborn	Freeborn	07-04	1977	1978	323	Stab. Ponds	Cobb Creek Ditch to Cobb Creek
Freeport	Stearns	07-03	1920	1966	563	Stab. Ponds	Getchell Creek to Sauk River
Fridley	Anoka	07-06	1954	----	30,228	See MWCC-MWTP	Mississippi River
Fulda	Murray	07-11	1910	1965	1,308	Stab. Ponds	Lime Creek to Des Moines River
Garfield	Douglas	07-03	1964	1964	284	Stab. Ponds	Ditch to Lake Ida
Gaylord	Sibley	07-04	1916	UC	1,933	Stab. Ponds	Ditch to North Branch Rush River (CD#55)
Gem Lake	Ramsey	07-06	1976	----	394	See MWCC-MWTP	Mississippi River
Geneva	Freeborn	07-10	1972	1973	417	Stab. Ponds	Straight River (CD#64, JD#2)
Georgetown	Clay	07-01	1985	1986	124	Stab. Ponds	Co. Ditch 6 to Red River of the North
Ghent	Lyon	07-04	1972	1973	356	Stab. Ponds	3 Mile Creek to Redwood River
Gibbon	Sibley	07-04	1935	1961	787	Stab. Pond	Ditch to DD#13A to CD#13 to JD#2 to South Branch Rush River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Gilbert	St. Louis	08-23	1912	1957,81	2,721	M.Screen.,Cut., Grit.,P.S., H.T.F.,A.S.C.M., F.S.,Chem.Treat., M.M.G.F.,Cl.,D., Sl.B.	Ditch to Horseshoe Lake to Embarrass River
Gilman	Benton	07-03	1962	1963	156	Stab. Pond	Creek to Elk River
Glencoe	McLeod	07-03	1915	1974	4,396	P.S.,A.S.,F.S., M.M.G.F.,Sl.T., Sl.H.,A.D.,Cl., T.F.R.	Buffalo Creek
Glenville	Freeborn	07-10	1972	1974	851	Stab. Ponds	Co. Ditch 16 to Shell Rock River Land
Glenwood	Pope	07-04	1904	1986	2,523	Stab. Pond, Spray Irrig.	
Glyndon	Clay	07-01	1961	1961,UC	882	Stab. Ponds	Ditch to Buffalo Creek River
Golden Valley	Hennepin	07-06	1954	----	22,775	See MWCC-MWTP	Mississippi River
Gonvick	Clearwater	07-01	1968	1969	362	A.S.C.S.,A.S.D., F.S.,Cl.	Lost River
Goodhue	Goodhue	07-06	1940	1940-84	657	P.S.,T.F.,R.B.S., F.S., Cl.,D.,Sl.B. Sl.S.	Trout Brook to North Fork Zumbro River
Goodridge	Pennington	07-01	1986	1987	191	Stab. Ponds	Ditch to Judicial Ditch 13
Good Thunder	Blue Earth	07-04	1920	1973	560	Stab. Ponds	Maple River
Goodview	Winona	07-06	1960	----	2,567	Winona S.S.	Mississippi River
Graceville	Big Stone	07-01	1907	1965	780	Stab. Ponds	West Branch Twelve Mile Creek (JD#4)
Granada	Martin	07-04	1980	1980	377	Stab. Ponds	Center Creek
Grand Marais	Cook	08-23	1933	UC	1,289	Grit,M.Screen A.S.E.A.-Ditch F.S.,A.S.D.,Cl., Cl.D., Chem. Treatment, Sl.H.	Lake Superior
Grand Meadow	Mower	07-06	1919	1974	965	Stab. Ponds	Deer Creek to Middle Branch Root River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Grand Rapids	Itasca	07-03	1921	1963-75	7,934	Cut., Grit., P.S., A.S.C.M., Int.S., E. Polishing Pond, Cl., Cen., Sl.S.	Mississippi River
Granite Falls	Chippewa & Yellow Medicine	07-04	1906	1968 UC	3,451	M. Screen, Cut., grit, A.S.C.S., S.B.R., A.S.D., F.S., Cl., Sl.S.	Minnesota River
Grasston	Kanabec	07-05	1972	1973	123	Stab. Pond	Drain tile to Snake River
Greenbush	Roseau	07-01	1966	1966	817	Stab. Ponds	Lateral #2 of State Ditch #95
Greenfield	Hennepin	07-03	1986	1987	1,391	Septic tank/ drainfield	Land
Greenwood	Hennepin	07-04	1972	----	653	See MWCC-Blue Lake Plant	Minnesota River
Grey Eagle	Todd	07-03	1959	1960	338	Stab. Pond	Trace Lake
Grove City	Meeker	07-03	1923	1966	596	Cut., A.S.E.A.- Ditch, F.S., Cl.	Unnamed stream to Grove Creek to North Fork of Crow River.
Grygla	Marshall	07-01	1975	1975	216	Stab. Pond	Ditch to Mud River
Hackensack	Cass	07-03	1968	1986	285	Stab. Pond, Spray irrig.	Land
Hallock	Kittson	07-01	1910	1973	1,405	Stab. Ponds	Ditch to Two River
Halstad	Norman	07-01	1921	1967	690	Cut., A.S.E.A., F.S., Cl., Sl.S.	Red River of North
Hamburg	Carver	07-04	1978	1978	475	Stab. Ponds	Judicial Ditch 3 to Bevens Creek to Minnesota River
Hampton	Dakota	07-06	1957	1984	299	Aer. Pond	Creek to S. Branch Vermillion River
Hancock	Stevens	07-04	1919	1937	877	I., T.F., F.S., Cl., Sl.B.	Unnamed to Nat'l Wildlife Mgt. Area
Hanley Falls	Yellow Med.	07-04	1920	1973	265	Stab. Pond	County Ditch 41 to Yellow Medicine River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Hanska	Brown	07-04	1984	1984	429	Stab. Ponds	County Ditch 63 to JD#10 to Morgan Creek
Hardwick	Rock	09-07	1972	1973	279	Stab. Ponds	Creek to Rock River
Harmony	Fillmore	07-06	1923	1954	1,133	M.Screens.,P.S., H.T.F.,F.S., Cl.,D.,Sl.B.	Pine Creek (to Iowa)
Harris	Chisago	07-05	1979	1980	678	Stab. Ponds	Ditch to Goose Creek to St. Croix River
Hartland	Freeborn	07-04	1979	1980	322	Stab. Ponds	Judicial Ditch No.6 to Boot Creek
Hastings	Washington & Dakota	07-06	1907	1956-68 86	12,827	Cut., Grit. aer., P.S., A.S., F.S.,D.,Cl.,Sl.B.	Mississippi River
Hatfield	Pipestone	09-07	1955	1955	87	I.,U.F.	Creek to Rock River
Hawley	Clay	07-01	1919	1961	1,634	Stab. Pond	Buffalo River
Hayfield	Dodge	07-10	1958	1959	1,243	M.Screen.,P.S., T.F.,F.S.,Cl., D.,Sl.B.	Creek to East Fork Cedar River
Hayward	Freeborn	07-10	1972	1973	294	Stab. Pond, E. Irrig.	Land
Hector	Renville	07-03	1933	1969	1,252	M.Screen, Grit., A.S.C.S.,A.S.D., F.S.,Cl.,E. Polishing Pond Aer.	Judicial Ditch 15 to Buffalo Creek
Henderson	Sibley	07-04	1934	1970	739	Cut.,A.S.C.S., A.S.D.,F.S.,Cl.	Minnesota River
Hendricks	Lincoln	07-04	1917	1967	737	Stab. Ponds	Lac Qui Parle River
Hendrum	Norman	07-01	1937	1971	336	Stab. Ponds	Wild Rice River
Henning	Otter Tail	07-03	1938	1974	832	Stab. Ponds, E. Irrigation	Land
Herman	Grant	07-01	1920	1963	600	Stab. Pond	Pullman Lake
Hermantown	St. Louis	08-23	1970	----	6,759	WLSSD Treatment Plant	St. Louis Bay
Heron Lake	Jackson	07-11	1920	1969	783	Stab. Ponds	Heron Lake

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Hibbing (North Plant)	St. Louis	08-23	1900	1940-72, UC	21,193	M.Screen,Cut., Grit., P.S., H.T.F.,Int.S., H.T.F.,F.S.,D., Cl.,Sl.B.,Chem. Treat.	Penobscot Creek
(South Plant)			1970	1970-72		A.S.C.M.,A.S.D., F.S.,Cl.,Aer. Pond, E. Polish- ing Pond, Chem. Treatment	East Swan Creek to East Swan River
Hill City	Aitkin	07-03	1963	1964,84	533	Stab. Pond	Hill River
Hills	Rock	09-07	1964	1965,UC	598	Stab. Pond	Creek to Mud Creek (Iowa)
Hilltop	Anoka	07-06	1959	----	817	See MWCC-MWTP	Mississippi River
Hinckley	Pine	07-05	1920	1964,UC	963	Stab. Pond	Grindstone River
Hitterdal	Clay	07-01	1962	1962	253	Stab. Pond	Slough to drainage ditch to Buffalo R.
Hoffman	Grant	07-04	1948	1965	631	Stab. Pond	Chippewa River
Hokah	Houston	07-06	1959	1971	686	C.Screen,P.S., A.S.,A.S.D., F.S.,Cl.,Sl.B., Equalization Res.	Root River
Holdingford	Stearns	07-03	1920	1966	635	Cut.,A.S.C.S., A.S.D.,F.S.,Cl.	South Branch Two Rivers
Holland	Pipestone	09-07	1953	1986	234	Aer. pond, e. polishing pond	Rock River
Hollandale	Freeborn	07-10	1978	1979	290	Stab. Pond	Mud Creek (JD#27) to Turtle Creek (Judicial Ditch N.24.)
Holloway	Swift	07-04	1964	1965	142	Stab. Pond	Drainage ditch to Cottonwood Creek to Chippewa River
Hopkins	Hennepin	07-06	1916	----	15,336	See MWCC-MWTP	Mississippi River
Houston	Houston	07-06	1936	1974	1,057	Cut.,C.Screens, A.S.,F.S.,A.S.D., Cl.	Root River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Howard Lake	Wright	07-03	1950	UC	1,240	M.Screen,grit.aer., A.S.E.A.-Ditch F.S.,Cl.,Cl.D., Chem.Treat., Sl.S.,Sl.H.	Mud Lake
Hoyt Lakes	St. Louis	08-23	1954	1957,81	3,186	Bar Screen, Grit., Cut.,P.S.,H.T.F., F.S.,Chem.Treat., Cl.,D.	Whitewater Lake
Hugo	Washington	07-03	1973	----	3,771	See MWCC-MWTP	Mississippi River
Hutchinson	McLeod	07-03	1902	UC	9,244	M.Screen,flow equal F.Screen,grit. A.S.E.A.-Ditch, F.S.,Cl.,Cl.D., reaeration, Sl.D.,Sl.S.	South Fork of Crow River
Independence	Hennepin	07-03	1986	1987	2,640	Septic tank, drainfield	Land
International Falls (NKSSB)	Koochiching	07-02	Unk.	----	5,611	NKSSB Treatment Plant	Rainy River
Inver Grove Heights	Dakota	07-06	1965	----	17,171	See MWCC-MWTP	Mississippi River
Iron Junction	St. Louis	08-23	Unk.	1963	134	Septic Tank,Cl.	Elbow Creek to St. Louis River
Ironton	Crow Wing	07-03	1916	1964	537	Cut.,A.S.E.A., F.S.,Cl.,Sl.B.	Ironton Creek to Blackhoof Lake
Isanti	Isanti	07-03	1926	1968	858	A.S.C.S.,A.S.D., F.S.,Cl,Sl.B	Rum River
Isle	Mille Lacs	07-05	1935	1971	573	Stab. Pond	Swamp to Knife River
Ivanhoe	Lincoln	07-04	1920	1965	761	Stab. Pond	Ditch to Yellow Medicine River
Jackson	Jackson	07-11	1899	1959	3,797	Stab. Pond	West Fork Des Moines River
Janesville	Waseca	07-04	1916	1965	1,897	Stab. Pond	County Ditch #6 to LeSueur River
Jasper	Pipestone & Rock	09-07	1955	1955	731	P.S.,T.F.,F.S., Cl.,D.,Sl.B.	Creek to Split Rock Creek

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Jeffers	Cottonwood	07-04	1972	1973	437	Stab. Ponds	Judicial Ditch 9 to Little Cottonwood River
Jordan	Scott	07-04	1919	1962,UC	2,663	Stab. Pond	Sand Creek
Kandiyohi	Kandiyohi	07-03	1949	1949	447	I.,T.F.,F.S., Cl.,Sl.B.	Stream to CD#23A to Lake Wagonga
Karlstad	Kittson	07-01	1973	1973	934	Stab. Ponds	County Ditch #10 to Red River of the North
Kasson	Dodge	07-06	1913	1984	2,827	Grit aer., m. screen, R.B.S., F.S.,Cl.,A.S.D., Sl.S.	S. Branch Middle Fork Zumbro River
Keewatin	Itasca	07-03	1914	1942	1,443	Grit.,I.,T.F., F.S.,Cl.,Sl.B.	Welcome Creek to O'Brian Diversion
Kelliher	Beltrami	07-01	1914	1973	324	Stab. Ponds	Ditch to Swan Lake
Kennedy	Kittson	07-01	1941	1972	405	Stab. Ponds	Creek to South Branch Battle River
Kensington	Douglas	07-04	1952	1952	331	I.,H.T.F.,F.S., Cl.,Sl.B.	County Ditch #27 to Red River of the North
Kenyon	Goodhue	07-06	1909	1949	1,529	F.Screen,P.H.T.F., Int.S.,Sec.H.T.F., F.S.,Cl.,Sl.Chem.	Swamp to Creek to Chippewa River
Kerkhoven	Swift	07-04	1968	1968	761	Cut.,A.S.E.A.-Ditch,F.S.,Sl.S.,Cl.	Pearl Creek to North Pearl Creek to North Fork Zumbro River
Kettle River	Carlton	07-05	1951	1952	174	M.Screens,I.,Sl.B.	County Ditch #61 to Shakopee Creek
Kiester	Faribault	07-04	1972	1973	670	Stab. Ponds	Kettle River
Kimball	Stearns	07-03	1955	1986	651	Stab. Ponds, e. spray irrig.	Brush Creek
Kinney	St. Louis	08-23	1920	----	447	See Buhl Treatment Plant	Land
LaCrescent	Houston	07-06	1939	1940-64	3,674	Grit.,P.S., H.T.F.,F.S., Cl,D.,Sl. Lagoon	Buhl Creek to Six Mile Lake
Lafayette	Nicollet	07-04	1936	1961,UC	507	M.Screen,P.D., H.T.F.,F.S., Cl.,Cl.D.,Sl.B.	A backwater of the Mississippi River
							Field drain to to unnamed ditch

Table 1 (Continued).

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Lake Benton	Lincoln	09-07	1920	1968	869	Stab. Ponds	Drainage ditch to Flandreau Creek
Lake Bronson	Kittson	07-01	1972	1973	298	Stab. Ponds	So. Branch Two Rivers
Lake City	Wabasha-Goodhue	07-06	1921	1934-66	4,505	Cut., A.S.M., A.S.D., F.S., Cl., Sl.S.	Mississippi River
Lake Crystal	Blue Earth	07-04	1916	1987	2,078	Grit, P.S., R.B.S., F.S., Cl., D., Chem. Treatment, Sl.S.	Minneopa Creek to Minnesota River
Lake Elmo	Washington	07-05	1986	UC	5,296	Septic tank, drainfield	Land
Lakefield	Jackson	07-11	1914	1940	1,845	F.Screen, P.H.T.F., Int.S., Sec.H.T.F., Sl.Chem., F.S., Cl.	Creek to South Heron Lake
Lake Henry	Stearns	07-03	1952	1953	90	I., T.F., F.S.	Creek to Sauk River
Lake Lillian	Kandiyohi	07-03	1972	1973	329	Stab. Pond	So. Fork Crow River
Lake Park	Becker	07-01	1920	1939	716	I., T.F., F.S., Cl., Sl.B.	Ditch to Hay Creek to Stinking Lake
Lakeville	Dakota	07-06	1923	----	14,790	See MWCC-Empire	Vermillion River
Lake Wilson	Murray	07-11	1923	1957	380	Stab. Pond	Beaver Creek
Lamberton	Redwood	07-04	1919	1960	1,032	Stab. Pond	Dutch Charlie Creek to Cottonwood River
Lancaster	Kittson	07-01	1919	1969	368	Stab. Ponds	Creek to North Branch of Two River
Landfall	Washington	07-06	1963	----	679	See MWCC-MWTP	Mississippi River
Lanesboro	Fillmore	07-06	1923	1939	923	P.S., T.F., F.S., Cl., D., Sl.B.	South Branch Root River
Lauderdale	Ramsey	07-06	1952	-----	1,985	See MWCC-MWTP	Mississippi River
LeCenter	LeSueur	07-04	1924	1965	1,697	Cut., A.S.C.S., A.S.D., F.S., Cl.	County Ditch 51 to LeSueur Creek
Leonidas	St. Louis	08-23	----	----	95	Eveleth Treatment plant	Elbow Creek to Elbow Lake
LeRoy	Mower	07-06	1918	1967	980	Stab. Pond	Upper Iowa River
Lester Prairie	McLeod	07-03	1957	1984	1,229	M. Screen, grit, A.S.E.A.-Ditch, F.S., Cl., Cl.D., A.S.D.	Crow River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
LeSueur	LeSueur	07-04	1927	1963	3,763	Stab. Pond	Minnesota River
Lewiston	Winona	07-06	(After) 1915	1973	1,226	Stab. Ponds	Dry Run to Rush Creek to Root River
Lexington	Anoka	07-06	1966	----	2,150	See MWCC-MWTP	Mississippi River
Lilydale	Dakota	07-06	1973	----	417	See MWCC-MWTP	Mississippi River
Lindstrom	Chisago	07-05	1949	UC	1,972	Aer. pond	Unnamed creek (outlet of Wallmark Lake)
Lino Lakes	Anoka	07-06	1977	----	4,966	See MWCC-MWTP	Mississippi River
Litchfield	Meeker	07-03	1912	1927-38 61-74	5,904	Grit., P.S., T.F., A.S., Int.S., Chem. Treat., M.M.G.F., D., Sl. T., Cl.	Jewett's Creek (CD#17) to North Fork of Crow River
Little Canada	Ramsey	07-06	1966	----	7,102	See MWCC-MWTP	Mississippi River
Little Falls	Morrison	07-03	1921	1959,86	7,250	M. Screens, Grit. aer., P.S., T.F., Int. S., Activated biofilter tower, A.S., F.S., Cl., Sl.T., Sl.H., D., Sl.B.	Mississippi River
Littlefork	Koochiching	07-02	1935	1973	918	Stab. Ponds	Beaver Brook to Little Fork River
Long Beach	Pope	07-04	1985	----	263	Joint treatment plant (see Glenwood)	Land
Long Lake (MWCC)	Hennepin	07-04	1963	----	1,747	See MWCC-Blue Lake	Minnesota River
Long Prairie	Todd	07-03	1910	1967	2,859	A.D., Pre-Aer., Stab. Ponds	Long Prairie River
Longville	Cass	07-03	1961	1961	191	Stab. Ponds	Swamp to Boy River
Lonsdale	Rice	07-06	1972	1974	1,160	Stab. Ponds	Unnamed creek to Union Lake
Loretto	Hennepin	07-03	1971	1971	297	Aer. Ponds, Seepage Basin	Land
Lowry	Pope	07-04	1936	1962	283	Stab. Pond	Co. Ditch 7 to Malmedal Lake

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Lucan	Redwood	07-04	1970	1970	262	Stab. Pond	Swamp to Creek to Sleepy Eye Creek (JD#36)
Luverne	Rock	09-07	1910	1956,87	4,568	Grit.,Cut.,P.S., A.S.E.A-Ditch, H.T.F.,F.S.,Cl., D.,Sl.B.,Sl.T.	Rock River
Lyle	Mower	07-10	(Before) 1924	1964	576	Stab. Ponds	Otter Creek
Lynd	Lyon	07-04	1987	UC	304	Stab. Ponds	Redwood River
Mabel	Fillmore	07-06	1916	1967	861	A.S.C.S.,A.S.D., F.S.,Cl.	Riceford Creek to South Fork of Root River
McGregor	Aitkin	07-03	1960	1961	447	Stab. Ponds	Ditch to County Ditch #42 Sandy River
McIntosh	Polk	07-01	1939	1973	681	Stab. Ponds	Poplar River
McKinley	St. Louis	08-23	1920	1921	280	I.,Sl.B.	McKinley Lake and Creek to Embarrass River
Madelia	Watonwan	07-04	1900	1974	2,180	M.Screen,Grit., Aer.Ponds,Grease Flt.,Chem. Treatment,M.M.G.F.,Cl	Watonwan River
Madison	Lac Qui	07-04	1916	UC	2,212	M.Screen,grit.aer., flow equal.,A.S.E.A. Ditch,F.S.,Cl., Chem.treat,Sl.S.	Ditch to County Ditch 27 to Lac Qui Parle River
Madison Lake	Blue Earth	07-04	1975	1976	592	A.S.E.A.-Ditch F.S.,M.M.G.F., Cl.,Sl.B.	LeSueur River
Magnolia	Rock	09-07	1972	1972	234	Stab. Pond	Ditch to Elk Creek to Rock River
Mahnomen	Mahnomen	07-01	1940	1964,84	1,283	Stab. Ponds	Wild Rice River
Mahtomedi	Washington	07-06	1963	----	3,851	See MWCC-MWTP	Mississippi River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Mankato	Blue Earth & Nicollet	07-04	1891	1961-73 86	28,651	Flow equal., Grit., P.S., A.S.C.M., F.S., S1.T., D., Cl., S1.B.	Minnesota River
Mantorville	Dodge	07-06	1967	1968	705	Cut., A.S.C.S., A.S.D., F.S., Cl.	South Branch Middle Fork Zumbro River
Maple Grove	Hennepin	07-06	1970	----	20,525	See MWCC-MWTP	Mississippi River
Maple Lake	Wright	07-03	1914	1963	1,132	P.S., H.T.F., F.S., D., Cl., S1.B.,	Mud Lake
Maple Plain	Hennepin	07-06	1951	----	1,421	See MWCC-Blue Lake Plant	Minnesota River
Mapleton	Blue Earth	07-04	1915	1968	1,516	Stab. Ponds	County Ditch 57 to Cobb River
Mapleview	Mower	07-10	1952	----	253	Austin Sewer System	Cedar River
Maplewood	Ramsey	07-06	1958	----	26,990	See MWCC-MWTP	Mississippi River
Marble	Itasca	07-03	1911	UC	757	M.Screen, grit chem.treat., A.S.E.A., F.S., Cl., Cl.D., S1.P., A.S.D.	Mud Lake
Marietta	Lac Qui Parle	07-04	1982	1984	279	Stab. Ponds	County Ditch 28 to County Ditch 5 to the West Branch Lac Qui Parle River
Marine-on-St. Croix	Washington	07-05	1986	1986	543	Septic tank, drainfield	Land and County Ditch
Marshall	Lyon	07-04	1904	1977,80	11,161	Grit. Aer., M.Screen, P.S., Aer.Ponds, D., A.S.E.A., F.S., S.C.C., M.M.G.F., Cl., Sludge Lagoon	Redwood River
Mayer	Carver	07-03	1970	1972	388	Stab. Pond	South Fork Crow River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Maynard	Chippewa	07-04	1954	1955	428	I.,H.T.F.,F.S., Cl.,Sl.B.	Hawk River
Mazeppa	Wabasha	07-06	1915	1959,UC	680	M.Screen,P.S., T.F.,S.C.C., F.S.,Cl.,Cl.D.,D. Stab. Pond	North Fork Zumbro River
Meadowlands	St. Louis	08-23	Unk.	1964	135		Creek to Whiteface River
Medford	Steele	07-06	1969	1969	775	Cut.,A.S.C.S., A.S.D.,F.S.,Cl.	Straight River
Medicine Lake	Hennepin	07-06	1967	----	419	See MWCC-MWTP	Mississippi River
Medina	Hennepin	07-06	1968	----	2,623	See MWCC-MWTP	Mississippi River
Melrose	Stearns	07-03	1910	1965-69-79, UC	2,409	Grit.,Cut.,P.S., P.H.T.F.,A.S., D.,F.S.,Cl.,D., Sl.B.,Sl.T.,Sl.S., P.S.,H.T.F.,F.S., Cl.,I.,Sl.B.	Sauk River
Menahga	Wadena	07-03	1951	1952	980	See MWCC-MWTP	Blueberry River to Blueberry Lake
Mendota Hts.	Dakota	07-06	1962	----	7,288	Stab. Pond	Mississippi River
Middle River	Marshall	07-01	1981	1981	349	Stab. Pond	Middle River
Milaca	Mille Lacs	07-03	1897	1961	2,104	Stab. Pond	Rum River
Milan	Chippewa	07-04	1964	1965	417	Stab. Pond	Ditch to Lac Qui Parle Lake
Millerville	Douglas	07-04	1986	1986	124	Spray Irrig.	Land
Milroy	Redwood	07-04	1977	1978	242	Stab. Pond	Judicial Ditch 14&15 to Clear Creek (JD#31)
Miltona	Douglas	07-03	1952	1953	187	I.,T.F.,F.S., Cl.,Sl.B.	Swamp to Ditch to Long Prairie River
Minneapolis	Hennepin	07-06	1872	----	370,951	See MWCC-MWTP	Mississippi River
Minneota	Lyon	07-04	1899	1949	1,470	Grit.,P.S.,H.T. F.,F.S.,Cl.,D., Sl.B.	South Branch Yellow Medicine River
Minnesota Lake	Faribault	07-04	1951	1951	744	Cut.,P.S.,H.T. F.,F.S.,Cl.,D., Sl.B.	Swamp to Marsh (7-5) in Stokman WMA to Cobb River
Minnetonka	Hennepin	07-04	1973	----	38,683	See MWCC-Blue Lake Plant	Minnesota River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Minnetonka Beach	Hennepin	07-04	1975	----	575	See MWCC-Blue Lake Plant	Minnesota River
Minnetrista	Hennepin	07-04	1973	----	3,236	See MWCC-Blue Lake Plant	Minnesota River
Montevideo	Chippewa	07-04	1905	1963	5,845	Grit., P.S., H.T. F., Int.S., S.T.F., F.S., Cl., A.S.D., Sl.B.	Chippewa River
Montgomery	LeSueur	07-04	1926	1958-70	2,349	A.S., A.S.D., T.F., F.S., Cl.	County Ditch #54
Monticello	Wright	07-03	1924	1961,83	3,111	P.S., T.F.R., Int.S., A.S., F.S., D., Sl.S., Cl., Sl.T., Sl.H.	Mississippi River
Montrose	Wright	07-03	1965	1965,UC	762	Stab. Pond	Creek to North Fork of Crow River
Moorhead	Clay	07-01	1896	1935-51 69-72-83	29,998	C.Screen, Grit. Aer., P.S., A.S.P.O., F.S., Ozonation, E. Polishing Pond aer., A.S.D.	Red River of the North
Moose Lake	Carlton	07-05	1919	1966	1,408	Stab. Pond	Drainage Ditch to Moose River to Kettle River
Mora	Kanabec	07-05	1916	1940-59 -71	2,890	P.S., A.S., F.S., Cl., D., Sl.T., Sl.B.	Snake River
Morgan	Redwood	07-04	1955	1956	975	P.S., H.T.F., F.S., Cl., Sl. Chem.	County Ditch 109 to Wabasha Creek
Morris	Stevens	07-04	1907	1961	5,367	Stab. Pond	Pomme de Terre River
Morristown	Rice	07-06	1971	1972	639	Cut., A.S.C.S., A.S.D., F.S., Cl., Chem. Treatment	Cannon River and Cannon Lake
Morton	Renville	07-04	1937	U.C.	549	Aer. pond, U.V.	Minnesota River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Motley	Morrison & Cass	07-03	1970	1971	444	Stab. Pond	Crow Wing River
Mound	Hennepin	07-04	1963	----	9,280	See MWCC-Blue Lake Plant	Minnesota River
Mounds View	Ramsey	07-06	1965	----	12,593	See MWCC-MWTP	Mississippi River
Mountain Iron	St. Louis	08-23	1920	1981	4,134	Bar Screen,Cut., Grit.,A.S.C.M., F.S.,Cl.,D.,Sl.H.	Stream to West Two River Reservoir
Mountain Lake	Cottonwood	07-04	1916	1957	2,277	Stab. Pond	Watonwan R.
Murdock	Swift	07-04	1985	U.C.	343	Stab. Ponds	Creek to Mud Creek
Nashwauk	Itasca	07-03	1910	1969	1,419	Grit.,A.S.C.S., A.S.D.,F.S.,Cl.	O'Brien Brook to Swan Lake
Nelson (ALASD)	Douglas	07-03	1977	----	209	A.L.A.S.D. Treatment plant	Swamp to Lake Winona
New Auburn	Sibley	07-04	1972	1973	331	Stab. Pond, E. Irrigation	Land
New Brighton	Ramsey	07-06	1951	----	23,269	See MWCC-MWTP	Mississippi River
Newfolden	Marshall	07-01	1969	1969	384	Stab. Ponds	County Ditch #15 to Middle R.
New Germany	Carver	07-03	1971	1972	347	Stab. Ponds	County Ditch #9 to South Fork of Crow River
New Hope	Hennepin	07-06	1958	----	23,087	See MWCC-MWTP	Mississippi River
New London	Kandiyohi	07-03	1954	----	812	See Green Lake Sanitary District	Land
New Market	Scott	07-06	1987	----	286	Elko Treatment Plant	Vermillion River
New Munich	Stearns	07-03	1973	1973,83	302	Stab. Pond, Rapid Infilt. Basin	Land
Newport	Washington	07-06	1963	----	3,323	See MWCC-MWTP	Mississippi River
New Prague	LeSueur-Scott	07-04	1923	1968	2,952	Grit.,P.S., H.T.F.,F.S., D.,Cl.,Sl.B., E. Polishing Pd.	Unnamed stream to Raven Stream to Sand Creek
New Richland	Waseca	07-04	1939	1940	1,263	P.S.,T.F.,F.S., Cl.,Sl.B.,D.	Creek to Boot Creek to LeSueur River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
New Ulm	Brown	07-04	1896	1976	13,755	P.S.,A.S.C.M., F.S.,Cl.,Sl.T., Sl.S.,V.F.	Minnesota River
New York Mills	Otter Tail	07-01	1935	1965,83	972	Stab. Pond, Spray irrig.	Land
Nicollet	Nicollet	07-04	1971	1972	709	Stab. Pond	County Ditch 4 to Minnesota River
Nielsville	Polk	07-01	1966	1968	145	Stab. Pond	County Ditch 77 to a ditch to Red River of the North
North Branch	Chisago	07-05	1921	1963,UC	1,597	Aer. Pond, Cl.,Cl.D.	North Branch of Sunrise River
Northfield	Rice & Dakota	07-06	1895	1958-66, -84	12,562	M.Screens,Grit Aer.,P.S., H.T.F.,F.S.,RBS, Cl.,D.,Chem. Treat.	Cannon River
North Mankato	Nicollet	07-04	1920	----	9,145	Mankato Sewer System	Minnesota River
Northome	Koochiching	07-01	1915	1979	312	Stab. Pond	Marsh to Caldwell Brook
Northrop	Martin	07-04	1959	1960	269	Stab. Pond	Ditch J-8 to Elm Creek
North St. Paul	Ramsey	07-06	1927	----	11,921	See MWCC-MWTP	Mississippi River
Norwood	Carver	07-04	1921	1927-64, 87	1,219	Grit., P.S., F. Screen,T.F.,A.S., F.S.,D.,Sl. Lagoon, Cl.	Ditch to CD#4A to Beven's Creek
Oakdale	Washington	07-06	1969	----	12,123	See MWCC-MWTP	Mississippi River
Oak Park Hts.	Washington	07-05	1967	----	2,591	See MWCC-Still- water	St. Croix River
Odessa	Big Stone	07-04	1963	1964	177	Stab. Pond	Minnesota River
Ogema	Becker	07-01	1979	1979	215	Stab. Pond	Marsh to Creek to Spring Creek
Ogilvie	Kanabec	07-05	1954	1955	423	P.S.,H.T.F., F.S.,Cl.,D., Sl.B.	Groundhouse River
Okabena	Jackson	07-11	1979	1979	263	Stab. Pond	Okabena Creek

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Olivia	Renville	07-04	1930	1963,84	2,802	M.Screen,Grit.aer., P.S.,A.S.,F.S.,Cl., D.,M.M.G.F.	East Fork Beaver Creek (CD#63)
Onamia	Mille Lacs	07-03	1951	1986	691	Stab. Ponds	Rum river
Orono (MWCC)	Hennepin	07-04	1963	----	6,845	See MWCC-Blue Lake	Minnesota River
Orr	St. Louis	07-02	1949	1949-65	294	I.,T.F.,F.S.,Cl.	Pelican Lake
Ortonville	Big Stone & Lac Qui Parle	07-04	1912	1984,87	2,550	Cut.,Grit.aer., hydroseive, stab. pond, e. spray irr.	Land
Osakis	Douglas & Todd	07-03	1918	1966,87	1,355	Stab. Pond Chem. Treat.	Swims Lake
Oslo	Marshall	07-01	1969	1969	379	Stab. Pond	Red River
Osseo	Hennepin	07-06	1955	----	2,974	See MWCC-MWTP	Mississippi River
Ostrander	Fillmore	07-06	1964	1965	293	A.S.E.A.,F.S., Cl.,Sl.S.	South Branch of Root River
Owatonna	Steele	07-06	1916	UC	18,632	M.Screen,grit aer., P.S.,carbon oxidation/nitrification, A.S., F.S.,E.filter, Cl., Cl.D.,e.aer.,Sl.H., Sl.T.,D.	Straight River
Parkers- Prairie	Ottertail	07-03	1938	1967,87	917	Stab. Ponds rapid infiltration basin, spray irrig.	Land
Park Rapids	Hubbard	07-03	1914	1958	2,976	P.S.,H.T.F., F.S.,Cl.,D., Sl. Lagoon	Fish Hook River
Paynesville	Stearns	07-03	1925	1962,77 -UC	2,140	M. Screen, Grit., Stab. Pond, Spray Irrig.	North Fork Crow River, Land
Pelican Rapids	Ottertail	07-01	1924	1936,UC	1,867	Grit,cut,P.S., R.B.S.,T.F., F.S.,A.S.D., Cl.	Pelican River
Pequot Lakes	Crow River	07-03	1964	1964,UC	681	Aer.Ponds, E.spray irrig.	Land

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Perham	Ottertail	07-01	1927	1953,85	2,086	Pre.aer.,P.S., H.T.F.,F.S.,Cl., D.,Sl.B.	Swamp to Otter Tail River
Perley	Norman	07-01	1967	1968	134	Stab. Ponds	Red River of the N.
Peterson	Fillmore	07-06	1970	1971	291	A.S.,A.S.D., F.S.,Cl	Root River
Pierz	Morrison	07-03	1963	1965	1,018	Cut.,A.S.E.A., F.S.,Cl.,Sl.S	Skunk River
Pine City	Pine	07-05	(Before) 1937	1975	2,489	C.Screen,Aer. Pond,Stab.Pond., Cl.	Snake River
Pine Island	Goodhue & Olmsted	07-06	1921	1960,85	1,986	M.Screen,P.S.,A.S., F.S.,Cl.,D.,Sl.S., A.S.D.,Sl. Lagoon, Chem. Treatment	Middle Fork Zumbro River
Pine River (PRASD)	Cass	07-03	1921	1960,84	881	P.S.,H.T.F.,R.B.S., F.S.,Cl.,D., Sl. Lagoon	Norway Brook
Pipestone	Pipestone	09-07	1906	1919-27-55-64	4,887	Grit.,P.S., H.T.F.,D.,F.S., Sl.S.,Cl.	Pipestone Creek
Plainview	Wabasha	07-06	1924	----	2,416	See Plainview-Elgin sanitary sewer dist. plant	Creek to North Fork Whitewater River
Plummer	Red Lake	07-01	1959	1959	353	Stab. Pond	Clearwater River
Plymouth	Hennepin	07-06	1966	----	31,615	See MWCC-MWTP	Mississippi River
Porter	Yellow Med.	07-04	1977	1978	211	Stab. Pond	Ditch to Mud Creek to Yellow Medicine River
Preston	Fillmore	07-06	----	1963,86	1,478	Flow equalization, Grit, P.S.,T.F., R.B.S.,F.S.,Cl., Cl.D., D.	South Branch of the Root River
Princeton	Mille Lacs & Sherburne	07-03	1922	1961	3,146	Stab. Pond	Rum River
Prior Lake	Scott	07-04	1959	----	7,284	See MWCC Blue Lake Plant	Minnesota River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Proctor	St. Louis	08-23	1911	----	3,180	WLSSD Treatment plant	St. Louis Bay
Racine	Mower	07-06	1968	1968	285	Stab. Ponds	Unnamed Creek to Bear Creek
Randall	Morrison	07-03	1967	1968	527	Cut.,A.S.E.A., F.S.,Cl.	Little Elk River
Ranier (NKSSB)	Koochiching	07-02	1977	----	237	NKSSB Treatment plant	Rainy River
Raymond	Kandiyohi	07-04	1973	1973	723	Stab. Ponds	Hawk Creek to Minnesota River
Red Lake Falls	Red Lake	07-01	1917	1971	1,732	Stab. Pond	Red Lake River
Red Wing	Goodhue	07-06	1876	1961,83	13,736	Grit.,P.S.,R.B.S., Int.S.,H.T.F.,F.S., Cl.,D.,Sl.B.	Mississippi River
Redwood Falls	Redwood	07-04	1887	1968,UC	5,210	M.Screen,Aer.Ponds, Nitrification, Cl.	Redwood River
Remer	Cass	07-03	1918	1962	396	Stab. Pond	Willow River
Renville	Renville	07-04	1936	1966	1,493	Cut.,A.S.E.A.-Ditch,F.S.,Cl., Sl.S.	County Ditch #45 to Sacred Heart Creek to Minnesota River
Rice	Benton	07-03	1987	UC	499	Stab. Ponds	Mississippi River
Richfield	Hennepin	07-06	1952	----	37,851	See MWCC-MWTP	Mississippi River
Richmond	Stearns	07-03	1907	1966,UC	867	Cut.,A.S.C.S., A.S.D.,F.S.,Cl., Cl.D.,Chem. Treat.	Sauk River
Riverton	Crow Wing	07-03	----	1931-75	112	I.,Sl.B., drain-field	Land
Robbinsdale	Hennepin	07-06	1939	----	14,422	See MWCC-MWTP	Mississippi River
Rochester	Olmsted	07-06	1904	1952-68,84	57,855	Grit.aer,Pre.Aer., P.S.,A.S.P.O., F.S.,D.,Cl., Cen.,Chem. treat.	South Fork Zumbro River
Rockford	Hennepin-Wright	07-03	1966	1967-83	2,408	M.Screens,Cut., A.S.C.S.,A.S.D., F.S.,Cl.,Sl.S.	Crow River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Rogers	Hennepin	07-03	1960	1978	652	Aer. Pond	Ditch to unnamed creek to Crow River
Rollingstone	Winona	07-06	1972	1973	528	Stab. Ponds	Rollingstone Creek
Roseau	Roseau	07-01	1922	1973	2,272	Stab. Pond	Hay Creek to Roseau R.
Rose Creek	Mower	07-10	1937	1974	371	Stab. Pond	Rose Creek
Rosemount (MWCC)	Dakota	07-06	1954	1973	5,083	M.Screen,S.C.C., M.M.G.F., Activated Carbon Columns, Ammonia ion Exchange columns,S1.S.,Cl.	Spring Lake to Mississippi River
Roseville	Ramsey	07-06	1956	----	35,820	See MWCC-MWTP	Mississippi River
Rothsay	Otter Tail & Wilkin	07-01	1949	1987	476	Aer. Pond	Unnamed Creek to Lawndale Swamp
Round Lake	Nobles	09-07	1960	UNK	480	I.	Ditch to JD#24 to West Fork Little Sioux River
Royalton	Morrison	07-03	1967	1967	660	Stab. Pond	Platte River
Rush City	Chisago	07-05	1920	1962	1,198	Stab. Pond	Rush Creek
Rushford	Fillmore	07-06	1902	1984	1,478	M. Screen, Grit., A.S.E.A.-Ditch, F.S.,Cl.,S1.H.	Root River
Rushmore	Nobles	09-07	1971	1971	387	Stab. Ponds	Creek to Little Rock Creek
Russell	Lyon	07-04	1920	1970	412	Cut.,A.S.E.A., F.S.,Cl.,S1.S.	Redwood River
Ruthton	Pipestone	07-04	1978	1978	328	Stab. Pond	Redwood River
Sabin	Clay	07-01	1960	1982	466	Stab. Pond	County Ditch No. 32 to the Red River of the Worth
Sacred Heart	Renville	07-04	1940	1941	666	I.,T.F.,F.S., Cl.,S1.B.	County Ditch #104 to Minnesota River
St. Anthony	Hennepin-Ramsey	07-06	1948	----	7,981	See MWCC-MWTP	Mississippi River
St. Bonifacius	Hennepin	07-04	1971	----	857	See MWCC-Blue Lake Plant	Minnesota River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
St. Charles	Winona	07-06	1922	----	2,184	DESCAD treatment plant	South Fork of Whitewater River
St. Clair	Blue Earth	07-04	1953	1972	655	Cut., A.S.E.A., F.S., Cl.	LeSueur River
St. Cloud	Benton, Stearns & Sherburne	07-03	1887	1956-76	42,566	Grit., P.S., A.S.M., F.S., A.S.D., Sl.T., Cl.	Mississippi River
St. Francis	Anoka	07-03	1973	1975, 86	1,184	Stab. Pond, Cl.	Rum River
St. Hilaire	Pennington	07-01	1970	1970	388	Stab. Pond	Red Lake River
St. James	Watonswan	07-04	1898	1936-56-66	4,346	Grit., Cut., P.S., H.T.F., Int.H.T.F., F.S., Cl., Sl.Chem.	St. James Creek to One Hundred Acre Slough
St. Joseph	Stearns	07-03	1914	1962	2,994	P.S., H.T.F., F.S., Cl., D., Sl.B.	Watab River
St. Leo	Yellow Med.	07-04	1971	1971	147	Stab. Ponds	Ditch to Spring Creek
St. Louis Park	Hennepin	07-06	1930	----	42,931	See MWCC-MWTP	Mississippi River
St. Martin	Stearns	07-03	1966	1967	220	Stab. Pond	Creek to Sauk River
St. Michael	Wright	07-03	1940	1958	1,519	Stab. Pond	Crow River
St. Paul	Ramsey	07-06	1872	----	270,230	See MWCC-MWTP	Mississippi River
St. Paul Park	Washington	07-06	1954	----	4,864	See MWCC-MWTP	Mississippi River
St. Peter	Nicollet	07-04	1921	1963, 85	9,056	Stab. Pond	Minnesota River
Sanborn	Redwood	07-04	1924	1965	518	Stab. Pond	Cottonwood River
Sandstone	Pine	07-05	1915	1961	1,594	P.S., H.T.F., F.S., Cl., D., Sl.B.	Kettle River
Sartell	Benton & Stearns	07-03	1917	1963	3,427	Stab. Pond	Mississippi River
Sauk Centre	Stearns	07-03	1901	1971	3,709	Cut., Grit., A.S.C.S., A.S.D., F.S., Cl.	Sauk River
Sauk Rapids	Benton	07-03	1925	----	5,793	St. Cloud Sewer System	Mississippi River
Savage (MWCC)	Scott	07-04	----	1963, 81	3,954	P.S., H.T.F., F.S., Cl., D., Sl.B.	Creek to Minnesota River
Scanlon	Carlton	08-23	1941	----	1,050	WLSSD Treatment Plant	St. Louis Bay
Sebek	Wadena	07-03	1948	1978	774	Pre-aeration, Stab. Ponds	Redeye River to Leaf River
Shafer	Chisago	07-05	1967	1967, 86	180	Stab. Ponds	Unnamed Swamp

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Shakopee	Scott	07-04	1916	----	9,941	See MWCC-Blue Lake Plant	Minnesota River
Shelly	Norman	07-01	1961	1961	276	Stab. Pond	Marsh River
Sherburn	Martin	07-11	1906	1953	1,275	P.S., H.T.F., F.S., Cl., D., Sl.B.	County Ditch #11 to East Fork Des Moines River
Shoreview	Ramsey	07-06	1960	----	17,300	See MWCC-MWTP	Mississippi River
Shorewood	Hennepin	07-04	1970	----	4,646	See MWCC-Blue Lake Plant	Minnesota River
Silver Bay	Lake	08-23	1953	1953-75	2,917	C.Screen, Grit., Cut., P.S., H.T.F., F.S., D., Cl., Sl.B., Chem. Treatment	Lake Superior
Silver Lake	McLeod	07-03	1951	1951	698	P.S., H.T.F., F.S., Cl., D., Sl.B.	Silver Lake
Slayton	Murray	07-11	1902	1957, 85, 86	2,420	Stab. Pond	Beaver Creek
Sleepy Eye	Brown	07-04	1914	1963, UC	3,581	Stab. Pond, spray irrig.	Judicial Ditch #30 to Cottonwood River, Land
Sobieski	Morrison	07-03	1977	1978	219	Stab. Pond	Swan River
South International Falls (NKSSB)	Koochiching	07-02	1961	----	2,806	NKSSB Treatment Plant	Rainy River
South St. Paul	Dakota	07-06	1919	----	21,235	See MWCC-MWTP	Mississippi River
Spicer	Kankiyohi	07-03	1954	----	909	See Green Lake Sanitary District	Land
Springfield	Brown	07-04	1914	1939	2,303	Cut., P.S., T.F., F.S., Cl., D., Sl.B.	Cottonwood River
Spring Grove	Houston	07-06	1930	1962	1,275	P.S., H.T.F., F.S., Cl., D., Sl.B.	Creek to Unnamed Creek
Spring Lake Park	Anoka & Ramsey	07-03	1965	----	6,477	See MWCC-MWTP	Mississippi River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Spring Park	Hennepin	07-03	1963	----	1,465	See MWCC-Blue Lake Plant	Minnesota River
Spring Valley	Fillmore	07-06	1917	1987	2,616	M.Screen, Grit, A.S.E.A.-Ditch, Cl., Cl.D., Sl.S., Sl.H.	Spring Valley Creek
Stacy	Chisago	07-05	1967	1967,84	996	Stab. Pond, E. Absorption Pond	Soil Absorption & Sunrise River
Staples	Todd & Wadena	07-03	1908	1967	2,887	Cut., A.S., A.S.D., F.S., Cl.	Hayden Creek to Crow Wing River
Starbuck	Pope	07-04	1929	1967	1,224	Cut., A.S.C.S., A.S.D., F.S., Cl.	Outlet Creek to Lake Emily to Chippewa River
Steen	Rock	09-07	1985	1986	153	Stab. ponds	Unnamed stream to Mud Creek (Iowa)
Stephen	Marshall	07-01	1920	1973	898	Stab. Ponds	Tamarac River
Stewart	McLeod	07-03	1923	1959	616	P.S., H.T.F., F.S., Cl., D., Sl.B.	Buffalo Creek
Stewartville	Olmsted	07-06	1939	1940-65	3,925	P.S., T.F., F.S., Cl., D., Sl.B.	North Branch of Root River
Stillwater (MWCC)	Washington	07-05	1905	1960-71-73	12,290	Grit., A.S.C.S., H.R.D., F.S., Cl., Sl.B., Chem. Treatment	St. Croix River
Stockton	Winona	07-06	1975	1976	517	Stab. Ponds, Cl., Cl.D.	Garvin Brook
Swanville	Morrison	07-03	1966	1967	295	A.S.C.S., A.S.D., F.S., Cl.	Swan River
Taconite	Itasca	07-03	1918	----	331	Joint treatment plant. See Coleraine	Swan River
Taunton	Lyon	07-04	1977	1978	177	Stab. Ponds	Unnamed tributary of Yellow Medicine River
Taylors Falls	Chisago	07-05	1923	1941	623	P.S., T.F., F.S., Cl., D., Sl.B.	St. Croix River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Thief River Falls	Pennington	07-01	1908	1974	9,105	Stab. Ponds	County Ditch #70 to Red Lake River
Thomson	Carlton	08-23	1978	----	152	WLSSD Treatment Plant	St. Louis Bay
Tonka Bay	Hennepin	07-04	1964	----	1,354	See MWCC-Blue Lake Plant	Minnesota River
Tower	St. Louis	07-02	1937	UC	640	Stab. Ponds	Tributary of East Two Rivers
Tracy	Lyon	07-04	1909	1967	2,478	Stab. Ponds	Unnamed Creek
Trimont	Martin	07-04	1963	1964,86	805	M.Screen, Grit, P.S., T.F., R.B.S., F.S., Cl.,D.,Sl.B.	Cedar Run Creek to Elm Creek
Trommald	Crow Wing	07-03	1919	1918	84	I.,Sl.B.	Lake Mahnomen
Truman	Martin	07-04	1957	1958	1,392	I.,T.F.,F.S., Sl.B.	Ditch to Perch Creek
Twin Lakes	Freeborn	07-10	1978	1979	210	Stab. Pond	Goose Creek
Twin Valley	Norman	07-01	1921	1963	907	Stab. Pond	Creek to Wild Rice River
Two Harbors	Lake	08-23	1894	1959-74	4,039	M.Screen,Cut., A.S.C.M.,F.S., A.S.D.,M.M.G.F., Sl.S.,Sl.T.,V.F., Chem. Treatment	Agate Bay, Lake Superior
Tyler	Lincoln	07-04	1941	1958	1,353	Stab. Pond	County Ditch 14
Ulen	Clay	07-01	1949	1949	514	F.Screen,H.T.F., F.S.,Cl.,Sl. Chem.	South Branch Wild Rice River
Underwood	Ottertail	07-04	1967	1968	332	Stab. Pond	Swamp to Unnamed Lake (56-424)
Upsala	Morrison	07-03	1963	1964	400	Stab. Pond	Swamp to Elmdale Creek
Utica	Winona	07-06	1972	1973	249	Stab. Ponds	Creek to South Fork Whitewater River
Vadnais Hts.	Ramsey	07-06	1969	----	5,111	See MWCC-,MWTP	Mississippi River
Vergas	Otter Tail	07-01	1967	1968	287	Stab. Pond	Unnamed Lake
Vermillion	Dakota	07-06	1966	1967	438	A.S.C.S.,A.S.D., F.S.,Cl.	Vermillion River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Verndale	Wadena	07-03	1961	1961	504	Stab. Pond	Wing River
Vernon Center	Blue Earth	07-04	1948	1974	365	Aer. Ponds, F.S., Cl.	Blue Earth River
Vesta	Redwood	07-04	1984	UC	360	M.Screens, Stab. Ponds	Redwood River
Victoria	Carver	07-04	1958	----	1,425	See MWCC-Blue Lake Plant	Minnesota River
Virginia	St. Louis	08-23	1907	1952-77, UC	11,056	M.Screens., Grit. Aer., A.S., F.S., M.M.G.F., Cl., Chem. Treat., Sl.T., Sl. Lagoon, D., Sl.B., Sl.P.	Manginaka creek to Manganika Lake
Wabasha	Wabasha	07-06	1916	1972	2,372	A.S.C.S., A.S.D., F.S., Cl.	Mississippi River
Wabasso	Redwood	07-04	1920	1966	745	A.S.C.S., A.S.D., F.S., Cl.	Ditch to Sleepy Eye Creek (JD#36)
Waconia	Carver	07-04	1924	----	2,638	See MWCC-Blue Lake Plant	Minnesota River
Wadena	Wadena	07-03	1912	1916-33-55	4,699	Cut., Grit., P.S., H.T.F., Int.S., T.F., F.S., Cl., D., Sl.B.	Union Creek to Leaf River
Wahkon	Mille Lacs	07-03	1976	1977	271	Stab. Pond	Swamp to Knife River
Waite Park	Stearns	07-03	1926	----	3,496	St. Cloud Sewer System	Mississippi River
Waldorf	Waseca	07-04	1948	1948	249	I., H.T.F., F.S., Cl., Sl.B.	Little Cobb River
Walker	Cass	07-03	1935	1973	970	Stab. Pond, E. Irrig., Cl.	to LeSueur River Land
Walnut Grove	Redwood	07-04	1919	1961	753	P.S., H.T.F., F.S., Cl., D., Sl.B.	Ditch to Pell Creek to Cottonwood River
Waltham	Mower	07-10	1963	1964	176	Stab. Pond	Small Creek to Cedar River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Wanamingo	Goodhue	07-06	1924	1968,86	717	Pre-aeration, M. Screens, Grit. aer., A.S.C.S., A.S.D., F.S., Cl., Cl.D., Sl.S.	North Fork Zumbro River
Wanda	Redwood	07-04	1948	1948	118	I., H.T.F., F.S., Cl., Sl.B.	Willow Lake
Warba	Itasca	07-03	1963	1964	150	Stab. Pond	Swan River
Warren	Marshall	07-01	1908	1955-66	2,105	Stab. Pond	Judicial Ditch #16 to Snake River
Warroad	Roseau	07-02	1914	1952	1,216	P.S., Cl., Sl.B.	Lake of the Woods
Waseca	Waseca	07-04	1907	1954, UC	8,219	M.Screen, Grit., A.S., F.S., Nitri-f. clarifer, Post aer., Cl., Cl.D., A.S.D., Sludge Lagoon	Unnamed to LeSueur River
Watertown	Carver	07-03	1934	1967,82	1,818	Cut., Aer. Ponds	South Fork Crow River
Waterville	LeSueur	07-06	1957	1958, UC	1,717	M.Screens. P.S., H.T.F., F.S., Cl., D., Sl.B. Sl.S., Sl.H.	Lake Sakatah
Watkins	Meeker	07-03	1951	1984	757	Stab. Ponds, e.spray irrig.	Land
Watson	Chippewa	07-04	1951	1952	238	I., T.F., F.S., Cl.	Chippewa River
Waubun	Mahnomen	07-01	1969	1970	390	Stab. Ponds	Ditch to Spring Creek to Wild Rice River
Waverly	Wright	07-03	1926	1964	470	A.S.C.S., F.S., Cl., A.S.D.	Carrigan Lake
Wayzata	Hennepin	07-03	1939	----	3,621	See MWCC-Blue Lake Plant	Minnesota River
Welcome	Martin	07-04	1913	1967	855	Cut., A.S., A.S.D., Cl.	Lily Creek
Wells	Faribault	07-04	1899	1961	2,777	Stab. Pond	County Ditch #87 to Maple River
Wendell	Grant	07-01	1987	UC	216	Stab. Pond	Mustinka River

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Westbrook	Cottonwood	07-04	1922	1958	978	Stab. Pond	Creek to Highwater Creek (CD#42)
West Concord	Dodge	07-06	1926	1965,85	762	Cut.,A.S.C.S., F.S.,A.S.D.,Cl., Sl.B.,Sl.S., Chem. Treatment	Creek to Middle Fork Zumbro River
West St. Paul	Dakota	07-06	1921	----	18,527	See MWCC-MWTP	Mississippi River
Wheaton	Traverse	07-01	1900	1954	1,969	P.S.,H.T.F.,F.S., Cl.,D.,Sl.B.	Mustinka River
White Bear Lake	Ramsey & Washington	07-06	1926	----	22,538	See MWCC-MWTP	Mississippi River
Willernie	Washington	07-06	1964	----	654	See MWCC-MWTP	Mississippi River
Williams	Lake of the Woods	07-02	1949	1949	217	P.S.,Cl.,D., Sl.B.	Williams Creek (CD#1) to Lake of the Woods
Willmar	Kandiyohi	07-03	1912	1931-59,83,86	15,895	Grit.,P.S.,R.B.S., M.Screen,F.S.,D., Sl.T.,Cl.	County Ditch #46 to Hawk Creek
Willow River	Pine	07-05	1968	1968	303	Stab. Pond	Kettle River
Wilmont	Nobles	09-07	1902	1982	380	Stab. Ponds	Ditch to unnamed creek
Windom	Cottonwood	07-11	1906	1952-72	4,666	Grit.Aer.,C. Screens,A.S.C.M., A.S.D.,Int.S., H.T.F.,F.S.,Cl., Sl.H.	West Fork Des Moines River
Winger	Polk	07-01	1975	1976	200	Stab. Ponds	Unnamed ditch to Sand hill River to Red River of the North
Winnebago	Faribault	07-04	1908	1963,UC	1,869	M.Screen,grit.,P.S. A.S.E.A.,F.S.,Cl., Cl.D.,D.,Sl.B.	Blue Earth River
Winona	Winona	07-06	1892	1935-72, 86	25,075	Grit.,P.S.,H.T.F., F.S.,D.,Cl.,Sl.P., Sl.S.	Mississippi River
Winsted	McLeod	07-03	1967	1967,87	1,522	F.Screens,A.S.E.A.- Ditch,F.S., aer.ponds,Cl.	South Lake

Table 1 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	1980 Pop.	Treatment Units	Final Disposal
Winthrop	Sibley	07-04	1916	1986	1,376	Stab. ponds	County Ditch #42 to Middle Branch Rush River
Winton	St. Louis	07-02	1960	1961	276	A.S.E.A., F.S., Cl.	Swamp to Fall Lake
Wolverton	Wilkin	07-01	1918	1968	126	A.S.E.A., F.S., Sl.S., Cl.	oxbow lake of the Red River
Woodbury	Washington	07-06	1963	----	10,297	See MWCC-MWTP	Mississippi River
Wood Lake	Yellow Med.	07-04	1968	1969	420	Stab. Ponds	Wood Lake Creek to Minnesota River
Worthington	Nobles	07-11	1905	1963-69	10,243	Grit., Grease Flt., P.S., H.T.F., Int.S., H.T.F., F.S., Cl., D., Sl. Lagoon	Okabena Creek
Wrenshall	Carlton	08-23	1964	----	333	WLSSD Treatment Plant	St. Louis Bay
Wykoff	Fillmore	07-06	1961	1961	482	P.D., H.T.F., Int. S., H.T.F., F.S., Cl., Sl.B.	Carters Creek to Middle Branch of Root River
Wyoming	Chisago	07-05	1969	1976	1,559	Stab. Pond, Spray Irrigation	Land
Young America	Carver	07-04	1972	----	1,237	Norwood Sewer System	Ditch to CD#4A to Bevins Creek
Zimmerman	Sherburn	07-03	1974	1976, UC	1,074	Stab. Pond	Ditch to Tibbets Brook to Elk River
Zumbro Falls	Wabasha	07-06	1987	UC	208	Stab. Pond	Dry run (Buckman Coulee) to Zumbro River
Zumbrota	Goodhue	07-06	1921	1973, 86	2,129	M.Screens, Grit., P.S., T.F., R.B.S., F.S., Cl., E. Polishing Pond aer., D.	North Fork of Zumbro River

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 2

Unincorporated Communities Having Sewer Systems and Wastewater Treatment Works

July 1, 1987

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	Treatment Units	Final Disposal
Albert Lea Township	Freeborn	07-10	1963	----	M.S.S.-Albert Lea	Albert Lea Lake
Bass Brook Township	Itasca	07-03	1984	----	M.S.S.-Grand Rapids	Mississippi River
Breitung Township (Soudan)	St. Louis	07-02	----	----	Tower treatment plant	Tributary of East Two Rivers
Empire * Township	Dakota	07-06	1973	----	M.S.S.-Farmington	Vermillion River
Forest Lake Township	Washington	07-06	1968	----	See MWCC-MWTP	Mississippi River
Kandiyohi Co. (Eagle Lake)	Kandiyohi	07-03	1971	----	M.S.S.-Willmar	Ditch to C-23 to Lake Wagonga Headwaters of South Fork Crow River
Redrock Township (Nicolville Comm.)	Mower	07-10	UNK	UNK	Septic tank, drainfield	Land
Thompson Township (Esko Corner) (WLSSD)	Carlton	08-23	1964	----	WLSSD Treatment Plant	St. Louis Bay
White Bear Township	Ramsey	07-06	1965	----	See MWCC-MWTP	Mississippi River

*Permit has been issued for partial sewer system

Table 2 (Continued)

Location	County	Drainage Basin	Year San. Sewer System Commenced	Year WWT Const.	Treatment Units	Final Disposal
Stillwater Twp. (MWCC)	Washington	07-05	----	----	MSS-Stillwater	St. Croix River
Nessel Twp. (Rush Lake)	Chisago	07-05	1980	1980	Septic Tank, drainfield	Soil
Eagle Creek Twp. (MWCC)	Scott	07-04	1970	----	See MWCC-Blue Lake Plant	Minnesota River
Herman Twp. (WLSSD)	St. Louis	08-23	1977	----	WLSSD Treatment Plant	St. Louis Bay
Ida Township (ALASD)	Douglas	07-03	1977	----	ALASD Treatment Plant	Swamp to Lake Winona
LaGrand Twp. (ALASD)	Douglas	07-03	1977	----	ALASD Treatment Plant	Swamp to Lake Winona
Lake Mary Twp. (ALASD)	Douglas	07-03	1977	----	ALASD Treatment Plant	Swamp to Lake Winona
Chaska Twp.	Carver	07-04	1984	1986	Septic Tank, drainfield	Land
Hollywood Twp.	Carver	07-04	1984	1986	Septic Tank, drainfield	Land
Laketown Twp.	Carver	07-04	1984	1986	Septic Tank, drainfield	Land
Watertown Twp.	Carver	07-04	1985	1986	Septic Tank, drainfield	Land
Oak Grove Twp.	Anoka	07-03	1985	1987	Septic Tank, drainfield	Land
Nessel Twp. (Rush Lake Shorewood Park Addition)	Chisago	07-05	1986	1986	Stab. Ponds	County Ditch No. 8 to Rush Creek
Washington County (various locations)	Washington	07-05	1986	UC	Septic tank, drainfield (cluster systems and individual systems)	Land

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 3
Wastewater Disposal Facilities at State Institutions
July 1, 1987

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
<u>ADJUTANT GENERAL'S DEPARTMENT</u> Camp Ripley Military Reservation	Morrison	07-03	M.Screen,grit, P.S.,T.F.,A.S., F.S.,Cl.,D.	1941-69, UC	----	Mississippi R.
<u>DEPARTMENT OF ADMINISTRATION</u> St. Croix Camp	Pine	07-05	Stab. Pond	1962,78	----	Lower Tamarac R.
Thistledew Forest Camp	Itasca	07-02	Soil absorption Mound	1979	----	Soil
<u>DEPARTMENT OF CORRECTIONS</u> Bayport State Prison	Washington	07-05	M.S.S.-Village of Bayport	1964	870	St. Croix R.
Lino Lakes Youth Treatment Center	Anoka	07-03	A.S.E.A.,Cl.,E. Stab. Pond	1961	143	Ditch to Forsham Lk.
Red Wing State Training	Goodhue	07-06	M.S.S.-City of Red Wing	1961	317	Mississippi R.
St. Cloud State Reformatory for Men	Stearns	07-03	M.S.S.-City of St. Cloud	1956	743	Mississippi R.
Shakopee State Reformatory for Women	Scott	07-04	See MWCC-Blue Lake Plant	----	59	Minnesota R.
<u>DEPARTMENT OF TRANSPORTATION</u> Albert Lea Roadside Rest Area & I35 Infor. Ctr.	Freeborn	07-10	Two Septic Tanks, Buffer Tank, Feedwell, RBS,F.S.,Stab. Pond	1975	----	Lateral D. to Co. Dtich #55 to Goose Creek to Shell Rock R.

Table 3 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Enterprize Rest Area	Winona	07-06	Stab. ponds, S.F., Spray irrig.	1978	----	Land
Fishers Landing Rest Area & Information Center	Polk	07-01	Septic Tank, S.F., C1.	1980	----	Ditch to Grand Marais Creek
High Forest Roadside Rest Area	Mower	07-06	Septic Tank,U.F., E. Polishing Pond	----	----	Ditch to Curya Creek to North Branch Root R.
Iverson LAke Rest Area Busse Township	Otter Tail	07-01	Stab. Pond, E. Spray Irrig.	1978	----	Land
<u>DEPARTMENT OF NATURAL RESOURCES</u>						
Blue Mounds State Park	Rock	09-07	Stab. Ponds, E. Absorption Pond	1972	135,000/yr.	Land
Carlos State Park (ALASD)	Douglas	07-03	ALASD Treatment Plant	----	327	Swamp to Lake Winona
Fort Snelling State Park	Hennepin	07-06	See MWCC-MWTP	----	----	Mississippi R.
Flandrau State Park	Brown	07-04	I.,Stab. Ponds	----	3,500/yr.	Cottonwood R.
Gooseberry State Park	Lake	08-23	Tip Trough Filter U.F.,C1.	1965	500	Soil
Hennepin State Park	Mille Lacs	07-03	Stab. Pond (tourist camp)	1964	344	Swamp to Mille Lacs Lake
Itasca State Park Tourist Camp Douglas Lodge	Clearwater	07-03	E. Absorption Pond	1976	----	Soil
			I.,Tip Trough Filter Storage tank, drain fields.	----	----	Mary Creek to Lake Itasca
Interstate Park Tourist Camp Glacial Gardens	Chisago	07-05	M.S.S.-Taylor Falls	----	200	St. Croix R.
Jay Cooke State Park	Carlton	08-23	I.,Soil absorption Septic Tanks, C1.	1965	300	St. Louis R.
Lake Bronson State Park	Kittson	07-01	I.,Stab. Pond, Seepage Pond	1971	200	Soil

Table 3 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Lake Shetek State Park	Murray	07-11	Septic Tanks, I., Stab. Pond	1965	600	Fish Pond to Lake Shetek
Lindbergh State Park	Morrison	07-03	M.S.S.-City of Little Falls	1957	----	Mississippi R.
Myre State Park	Freeborn	07-10	Stab. Ponds	1965	300	Albert Lea Lk.
Nerstrand Woods State Park	Rice	07-06	Stab. Ponds	----	40,000/yr.	Prairie Creek
Sakatah Lake State Park	LeSueur	07-06	Stab. Ponds	1972	37,000/yr.	Unnamed Creek to Sakatah Lake
Scenic State Park	Itasca	07-02	I., Stab. Pond., Peat filter.	1980	75,000/yr.	Soil
Sibley State Park	Kandiyohi	07-03	I., Stab. Pond (tourist camp) Septic Tank, Soil absorption	1965	350	Swamp to Lake Andrew
Whitewater State Park	Winona	07-06	I. Drainfield	----	270,000/yr.	Soil
William O'Brian State Park	Washington	07-05	Septic Tank, Stab. Pond	----	250	Land
<u>DEPARTMENT OF PUBLIC WELFARE</u>						
Ah-Gwah-Ching Nursing Home	Cass	07-03	M.S.S.-Walker	----	473	Land
Anoka State Hospital	Hennepin	07-03	M.S.S.-Anoka	1956-69	582	Mississippi R.
Brainerd State Hospital	Crow Wing	07-03	M.S.S.-Brainerd	1940-61	1,245	Mississippi R.
Cambridge State School and Hospital	Isanti	07-03	M.S.S.-Cambridge	1959	1,406	Rum River
Faribault State School and Colony, Walcott Farm, Grand View Colony, Braille and Sight-Saving School, School for the Deaf	Rice	07-06	M.S.S.-Faribault	1956	----	Straight R.

Table 3 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Fergus Falls State Hospital	Ottertail	07-01	M.S.S.-Fergus Falls	1936-60	798	Ottertail R.
Glen Lake Sanitorium	Hennepin	07-06	See MWCC-MWTP	1938-68	56	Mississippi R.
Oak Terrace Nursing Home (Minnetonka)					301	
Lake Owasso Children's Home	Ramsey	07-06	See MWCC-MWTP	1938-68	107	Mississippi R.
Minnesota Soldiers Home	Hennepin	07-06	See MWCC-MWTP	1938-68	500	Mississippi R.
Minneapolis						
Moose Lake State Hospital	Carlton	07-05	M.S.S.-Moose Lake	1966	785	Moose River
Owatonna State Public School	Steele	07-06	M.S.S.-Owatonna	1962	173	Straight R.
Rochester State Hospital	Olmsted	07-06	M.S.S.-Rochester	1952-68	621	Zumbro R.
St. Peter State Hospital	Nicollet	07-04	M.S.S.-St. Peter	1963	783	Minnesota R.
Sauk Centre Home School	Stearns	07-03	M.S.S.-Sauk Centre	1934	145	Sauk River
Willmar State Hospital	Kandiyohi	07-03	M.S.S.-Willmar	1959	774	Ditch C-23 to South Fork of Crow River.
<u>UNIVERSITY OF MINNESOTA</u>						
Cloquet Forest Research Center	Carlton	08-23	A.S.E.A., F.S., C1.	----	----	Swamp to Otter Creek
University of Minnesota Research Center	Dakota	07-06	Stab. Pond	1942	----	Soil absorption
Rosemount			Imhoff Tank			

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 4

Wastewater Disposal Facilities at Sanitoriums and Nursing Homes

July 1, 1987

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Cannon Valley Center	Goodhue	07-06	P.S.,H.T.F.,F.S., Cl.,D.,Sl.B.	1955	100	Cannon River
Cedarbrook Manor Nursing Home	Crow Wing	07-03	Septic Tanks, drainfield	1973	150	Soil
Fairview Nursing Home, Dodge Center	Dodge	07-06	Septic Tank, drainfield	1918	54	Soil
Green Acres Nursing Home	Chisago	07-05	A.S.E.A.,F.S.,E Polishing Pond, A.S.D.	1971	160	Creek to North Branch Sunrise R.
Hazelden Foundation	Chisago	07-05	Lindstrom treatment plant	----	255	Unnamed creek (outlet to Wallmark Lake)
Hillcrest Rest Home	Blue Earth	07-04	A.S.E.A.,F.S.,Cl.	1962	150	Minnesota R.
Lake Auburn Home for the Aged, Excelsior	Hennepin	07-06	Septic Tank	----	---	St. Albins Bay, Lake Minnetonka
Lynville, Inc., Jordan	Scott	07-04	A.S.E.A.	1968	30	Ponding Area
Mount Olivet Rolling Acres, Victoria	Carver	07-06	Cut.,A.S.E.A.,F.S., Cl.,E. Polishing Pond	1968	70	Seepage pond to soil
Pine Point Nursing Home	Washington	07-05	Septic Tank, drainfield	1971	76	Soil
Valleyview Hospital and Sanatorium	Scott	07-04	I.,F.S.,U.F.	1949-71	---	Soil

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 5

Wastewater Disposal Facilities at Federal Installations

July 1, 1987

Name	County	Drainage Basin	Treatment	Year WTW Const.	Final Disposal
Bald Eagle Center, Chippewa National Forest	Cass	07-03	A.S.E.A., Polishing pond, drainfield	1978	Soil
Blackduck Administrative Fac.	Beltrami	07-01	Septic Tank, drainfield	----	Blackduck Lake
Chippewa National Forest	Beltrami	07-03	36 pit privies, 2 septic tanks, A.S.E.A., A.S.D., F.S.	----	
	Itasca, and Cass				
R.L. Cloutier Recreational Area, Cross Lake	Crow Wing	07-03	A.S.E.A., F.S., Cl., Sl. S., U.F.	1970	Pine River
Duluth Air Force Base	St. Louis	08-23	Duluth Sewer System	1940	Lake Superior, St. Louis Bay
Fall Lake Camp Grounds, Superior National Forest	Lake	07-02	3 package plants, stab. pond, Cl., E. Irrigation	----	Land
Farmington Nike Base #40	Dakota	07-06	P.S., T.F., F.S., Sl.B.	1959	Ditch
Federal Dam Recreation Area	Cass	07-03	A.S.E.A., F.S., M.M.G.F., Cl., Sl.S.	----	Leech Lake River
Finland Air Force Base	Lake	08-23	Cut., A.S.C.S., A.S.D., F.S., Cl., Sl.B.	----	Land
Fort Snelling, Minneapolis	Hennepin	07-06	See MWCC-MWTP	----	Mississippi River
Fort Snelling Officers Club	Hennepin	07-06	See MWCC-MWTP	----	Mississippi River
Grand Portage Stockade	Cook	08-23	2 septic tanks, Cl., U.F.	1964	Pigeon River to Lake Superior
Gull Lake Recreation Area	Crow Wing	07-03	A.S.E.A., F.S., M.M.G.F., Cl., Sl.S.	----	Land
Norway Beach Campground	Cass	07-03	Aer. pond, peat/sand filter, spray irrig.	----	Land

Table 5 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Final Disposal
Red Lake Indian Agency, Redby	Beltrami	07-01	I.,S1.B.	----	Red Lake River
Sandstone Federal Prison	Pine	07-05	Sandstone Sewer System	----	Kettle River
Tamarac National Wildlife Refuge, Rochert	Becker	07-01	Septic Tank	1968	Soil
Tofte Ranger Station	Cook	08-23	Septic tank, peat filter	1977	Soil
U.S. Border Station, Grand Portage	Cook	08-23	Septic Tanks, U.F.,C1.	1964	Pigeon River to Lake Superior
Wadena Air Force Station	Wadena	07-03	Two septic tanks, U.F.	1951	Marshy Area

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 6

Miscellaneous Wastewater Treatment Works

July 1, 1987

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Alexandria KOA Kampground, Moe Township	Douglas	07-04	Stab. Pond, Peat-S.F.	1974	200	Lake Williams
Baldwin Lake Motor Court Motel	Anoka	07-03	I.,T.F.,F.S.,Cl., E. Absorption Pond	1960	174	Land
Baywood Townhomes	Stearns	07-03	Septic tanks, drainfield	1983	---	Land
Bel-Clare Acres Mobile Home Park, St. Joseph Twp.	Stearns	07-03	A.S.E.A.,E. Polishing Pond	1969-74	220	County Ditch 17 to Sauk R.
Blue Waters Mobile Home Park	Chisago	07-05	Stab. Pond, Spray Irrigation	1981	---	Land
Bluefin Bay	Cook	08-23	P.D.,A.S.,F.S., Chem. Treat., D.,Cl.	1985	---	Lake Superior
Bonnevista Terrace Mobile Home Park	Scott	07-04	Septic Tank, Drainfield	1986	200 units	Land
Campers Point Trailer Coach Park, Dunn Township	Otter Tail	07-03	Stab. Ponds	1968	---	Land
Camp Joseph Austin, Balkan Township	St. Louis	08-23	Septic Tank, U.F.	1962	---	Swamp
Campbell-Tintah School Dist. 852	Traverse	07-01	I.,Tip Trough Filter, F.S.	1959	220	Judicial Ditch 12 to Rabbit R.
Camp Kiwanis, Marine on St. Croix	Washington	07-05	Septic Tanks, Sand Filter, Cl.	1963	---	St. Croix R.
Cast-Off Trailer Haven	Lake of the Woods	07-02	Stab. Pond	1975	180	Rainy River
Castle Towers Mobile Home Park, East Bethel	Anoka	07-03	A.S.E.A.,F.S., Chem. Treat., A.S.D.,Cl.,Mic., Sludge Lagoons, E. Polishing Ponds.	1971,UC	700 units	Unnamed Pond to Mineral Lk.

Table 6 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Centerville School (Circle Pines Dist. 12, Centerville)	Washington	07-05	A.S.E.A., E. Absorption Pond	1966	780	Land
Christian Brothers Retreat House	Washington	07-05	A.S.E.A., F.S., E. Polishing Pond	1964	85	Fish Pond to St. Croix R.
Cimarron Mobile Home Development, East Oakdale Township	Washington	07-03	Cut., A.S.C.S., F.S., Cl., A.S.D., Soil Absorption Pond, Seepage Basins, Rapid Infiltration Basins	1970, 85	500 units	Land, Little Sunfish (Rose) Lake
Cohasset School District #318, Grand Rapids	Itasca	07-03	I., T.F., F.S., drain- field	----	---	Soil
Collegeville, St. Johns University	Stearns	07-03	Grit., A.S.C.S., F. S., M.M.G.F., A.S.D., Cl., Ozonation, Sl.B., E. Pond	1965-78	2,000	West Fork Watab R.
Commercial Truck Brokers Truck Stop & Motel, Glyndon Twp.	Clay	07-01	Bar Screen, Comminutor, A.S.E.A., Cl., Stab. Pond	1973	280	Red River of the North
Country Manor Mobile Home Park, Buse Township	Otter Tail	07-01	Stab. Ponds, Spray Irrigation	1970	---	Land
Crooked Lake School (Anoka- Hennepin Dist. 11) Grow Township	Anoka	07-03	A.S.E.A., F.S., Soil Absorption Pond	1968	---	Land
Dayton Mobile Home Park Dayton	Hennepin	07-03	A.S.E.A., F.S., Cl., Stab. Pond, Irrig.	1979	500 units	Land
Elm Grove Trailer Park, Annandale	Wright	07-03	Septic Tank, Drain- field	---	---	Pleasant Lk.
Erie Mining Co., Hoyt Lakes Concentrator	St. Louis	08-23	Cut., P.S., A.S., Chem., F.S., Cl., D.	1958	---	Ditch to Swamp to Knox Creek
Eveleth Taconite Co. Fairlane Concentrator	St. Louis	08-23	A.S.E.A., Cl.	1965	200	Tailings Basin

Table 6 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Flamingo Terrace Mobile Home Park, Ham Lake	Anoka	07-03	Screens, A.S.C.S., F.S., A.S.D., Cl., E. Absorption Pond	1970	300 units	Land
Flying Goose Tent and Trailer Park	Martin	07-04	Septic Tanks, U.F. to Center Cr.	1964	400	County ditch
Golden Bubble Restaurant, Wells	Faribault	07-04	Septic Tank	----	---	East Fork Blue Earth R.
Green Lake Bible Camp, Green Lake Township	Kandiyohi	07-03	I., U.F., E. Polishing Pond	1960	60	Slough
Green Valley Trailer Court	Nicollet	07-04	Septic Tank, U.F.	----	36 units	Minnesota R.
Greenwood Elementary School (Dist. 284), Wayzata	Hennepin	07-03	A.S.E.A., E. Holding Pond, Absorption Pd.	1965	900	Land
Hallmark Terrance Trailer Court, Cascade Township	Olmsted	07-06	Stab. Ponds	1959	300	Zumbro River
Hermantown School Dist. 700 Elementary School	St. Louis	08-23	Cut., A.S.E.A., F.S., SL.H.	1964	850	Swamp to Rocky Rum
High School	St. Louis	08-23	I., T.F., F.S.	1938-59	1,200	Creek to Midway River/Swamp to Rocky Rum Cr. to Midway River
12-Hi Mobile Home Estates, Marysville Twsp.	Wright	07-03	A.S.E.A., F.S., Stab. Pond	1969	75 units	Swamp to ditch to No. Fork Crow River
Homecroft Elementary School, Rice Lake Twp.	St. Louis	08-23	I., T.F., F.S., Cl.	1951	260	Unnamed trib. to Tischer Cr.
Honeywell Country Club, Lakeville	Dakota	07-06	A.S.E.A., Cl., E. Absorption Pond	1968	---	Land
Independent School Dist. 363-Indus	Koochiching	07-02	Bar Screen, R.B.S., F.S., Cl., Flow equalization Tank, Septic Tank	1979	700	Unnamed Cr. to Rainy River
Isanti Estates Mobile Home Park	Isanti	07-03	Septic Tank, Drainfield	1985	---	Land

Table 6 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Jeno's Wilderness Lodge	St. Louis	07-02	A.S.E.A., F.S., Cl., E. Polishing Pond	1969	---	Swamp to Kabetogama Lk.
Knollwood Mobile Home Park, Lime Township	Blue Earth	07-04	A.S.E.A., F.S., Cl., E. Polishing Pond	1972	350	Lime Creek to Minnesota R.
Lakeland Plaza, Lakeland	Washington	07-05	Septic tank, drainfield	1983	---	Land
Lakeside Country Club Woodville Township	Waseca	07-4	Septic Tank, Cl., Holding Pond, Irrigation Field	1968	---	Land
Lakewood Elementary School	St. Louis	08-23	I., U.F.	1960	270	Land
Lazy U Mobile Home Park Medford	Steele	07-06	Stab. Pond, spray Irrigation	1978	---	Land
Linwood School (Forest Lake Dist 831), Linwood	Washington	07-05	A.S.E.A., E. Absorption Pond	1970	600	Land
Linwood Terrace Mobile Home Park	Anoka	07-03	A.S.E.A., Cl., A.S.D., Chem Treat.	1986	---	Swamp
McKinley School (Anoka Hennepin Dist. 11) Anoka	Anoka	07-03	A.S.E.A., Absorption Pond	1964	750	Land
Maple Hill Estates, Corcoran	Hennepin	07-03	A.S.E.A., F.S., Cl., Aer. Eff. Polishing Pond	1971	200 units	South Fork Rush Creek
Mississippi Riverwood Assoc. Campground, Otsego Township	Wright	07-03	Septic Tank, Drainfield	1984	---	Land
Moose Lake Golf Club	Carlton	07-05	Septic Tank	----	---	Sand Lake
Munger Elementary School, Solway Twp.	St. Louis	08-23	I.	1939-63	265	Dry Wells
Nickerson Farm Store, Clinton Falls	Steele	07-06	A.S.E.A., F.S., E. Stab. Pond	1970	---	Land
Northeast Regional Correction Center, Grand Lake Twp.	St. Louis	08-23	I.	1930	50	Fish Lake Reservoir to Cloquet River

Table 6 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Northshore Elementary School, Duluth Twp.	St. Louis	08-23	Soil absorption Mound	1978	275	Land
Oak Haven Mobile Home Park Lafayette Township	Nicollet	07-04	A.S.E.A., F.S., Cl.	1970	100 units	Ditch to Minnesota R.
Oak Ridge Village and Country Club Audubon Twp.	Becker	07-01	Septic Tank, S.F., Cl.	1986	---	Slough
Old Point Comfort	Cass	07-03	Septic Tank, Drainfield	1984	---	Land
Oronoco Estates Mobile Home Park	Olmsted	07-06	Stab. Ponds, E. Irrigation	1972	---	Land
Pike Lake Elementary Ind. School Dist. 704	St. Louis	08-23	I. Tip Trough Filter, Cl., F.S.	1951	330	Unnamed creek to Pike Lake
Reinhart Mobile Home Court, Crookston Twp.	Polk	07-01	Stab. Pond	1973	118 units	Red Lk. River
River Bend Mobile Home Park, Otsego Township	Wright	07-03	A.S.E.A., F.S., Cl., E. Polishing Pond	1972	1,825	Mississippi R.
St. Francis School Dist. #15	Anoka	07-03	Bar Screen, Mech. Aeration, F.S., Cl., Sludge Holding Tank	1961	1,100	Rum River
St. Paul Bible College, St. Bonifacius	Carver	07-04	A.S.E.A., F.S., E. Holding Pond	1959	500	Pond and Ditch to Mud Lk.
St. Peters Church & School Mendota	Dakota	07-04	I., U.F.	----	---	Land
Scandia School (Forest Lake Dist, 831), Scandia	Washington	07-05	A.S.E.A., E. Absorption Pond	1970	600	Land
Skelly Oil Big Steer	Rice	07-06	A.S.E.A., F.S., E. Stab. Pond, Irrig.	----	---	Land
Skelly Oil Co., Interstate Skelly, Fergus Falls Twp.	Otter Tail	07-01	Stab. Pond	1974	---	Ditch to Pelican River
Skelly Oil Co., Ellendale Truck Plaza, Summit Twp.	Steele	07-06	Septic Tank, Drainfield	----	150	Land
Skelly Oil Watts Landing I-94 Truck Stop and Big Steer Restaurant, Glyndon Township	Clay	07-01	A.S.E.A., F.S. Cl., Seepage Basin	1971	---	Land

Table 6 (Continued)

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Southview Heights Subdiv.	Blue Earth	07-04	I.,U.F.	1958	---	Ditch to Minnesota R.
Standard Oil Company, Station 8645, Summit Township	Steele	07-06	Stab. Pond, drainfield	1972	---	Land
Taconite Harbor	Cook	08-23	Cut.,A.S.,F.S., Chem.,Cl.,drain- field	1954-55	---	Land
Terrace Mobile Home Park, Red Rock Township	Mower	07-10	Septic Tank, drainfield	1974	31 units	Land
Thief River Falls Municipal Airport	Pennington	07-01	Stab. Ponds	1972	---	County Ditch to Red Lake R.
Municipal Golf Course	Pennington	07-01	Stab. Pond, R.F. Irrig.	1973	---	Land
Timber Lake Terrace Mobile Home Park	Cass	07-03	Septic Tank, drainfield	1982	---	Land
Vermillion Fairways	St. Louis	07-02	Septic Tanks, U.F.	1965	100	Drainage Ditch to Flint Creek
Village at Lutsen Mountain	Cook	08-23	Stab. Pond	1984	---	Poplar River
Village Green North Mobile Home Park, East Bethel	Anoka	07-03	A.S.E.A.,F.S., Storage Pond, Spray Irrigation	1971	---	Land
Washington Elementary School	Carlton	08-23	P.S.,Tip Trough Filter, drainfield	1918	---	Swamp to Hay Creek
Whispering Oaks Mobile Home Park	Washington	07-05	A.S.E.A.,F.S.,Soil Absorption Pond	1966	85 units	Land
White Bear Lake Yacht Club, White Bear Lake	Ramsey	07-06	Holding Tank, hailed to MWCC-MWTP	----	---	Mississippi R.
Wigwam Estates	Lake-of-the Woods	07-02	Septic Tank, Drainfield	1987	---	Land
Wonderland Resort	St. Louis	08-23	P.S.,Tip Trough Filter, Cl.	1938	---	Lake Superior
Youth Opportunities United Summer Educational Program, Orr	St. Louis	08-23	Septic Tanks, stab. pond	1966	---	Swamp to Pelican Lake
Zumbro Ridge Estates	Olmsted	07-06	A.S.E.A.,F.S.,Cl.	1969	128 units	Intermittent stream to So. Branch Zumbro River

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 7

Facilities Operated by Sanitary Districts

Alexandria Lakes Area Sanitary District (ALASD)		Year WTW Constructed	Treatment Units	Final Discharge
		1979	M. Screen, Grit. Aer., Cut., P.S., A.S.M., F.S., S.C.C., M.M.G.F., E. Polishing Pond Aer., Cl., A.S.D., S.I.H.	Swamp to Lake Winona
<u>Communities served</u>				
Alexandria	LaGrand Township		Arrowood Lodge, (LaGrande Township)	
Nelson	Lake Mary Township			
Ida Township	Lake Carlos State Park		Holiday Inn, (Hudson Township)	

Table 7 (Continued)

Metropolitan Wastewater Treatment Plant (MWCC)	Year WTW Constructed	Treatment Units	Final Discharge
2400 Childs Road		M.Screens, Grit., Aer., P.S., A.S.M., F.S., Cl., Sl.T., Sl.P., T.C., R.B.S.S., V.F., Inc., Sl.S., Cl.D.	Mississippi River
	1938-68UC		

Communities served

Location	County	Yr.Sewer System Commenced	1980 Population	Location	County	Yr.Sewer System Commenced	1980 Population
Andover	Anoka	1976	9,387	Mahtomedi	Washington	1963	3,851
Arder Hills	Ramsey	1959	8,012	Maple Grove	Hennepin	1970	20,525
Birchwood	Washington	1964	1,059	Maplewood	Ramsey	1958	26,990
Blaine	Anoka	1965	28,558	Medicine Lake	Hennepin	1967	419
Brooklyn Center	Hennepin	1956	31,230	Medina	Hennepin	1968	2,623
Brooklyn Park	Hennepin	1962	43,332	Mendota Heights	Dakota	1962	7,288
Circle Pines	Anoka	1967	3,321	Minneapolis	Hennepin	1872	370,951
Coon Rapids	Anoka	1965	35,826	Mounds View	Ramsey	1951	12,593
Columbia Heights	Anoka	1927	20,029	New Brighton	Ramsey	1951	23,269
Crystal	Hennepin	1954	25,543	New Hope	Hennepin	1958	23,087
Edina	Hennepin	1923	46,073	Newport	Washington	1963	3,323
Falcon Heights	Ramsey	1954	5,291	North St. Paul	Ramsey	1927	11,921
Forest Lake	Washington	1919	4,596	Oakdale	Washington	1969	12,123
Forest Lake Twp.	Washington	1968	2,990	Osseo	Hennepin	1955	2,974
Fridley	Anoka	1954	30,228	Plymouth	Hennepin	1966	31,615
Gem Lake	Ramsey	1976	394	Richfield	Hennepin	1952	37,851
Golden Valley	Hennepin	1954	22,775	Robbinsdale	Hennepin	1939	14,422
Hilltop	Anoka	1959	817	Roseville	Ramsey	1956	35,820
Hopkins	Hennepin	1916	15,336	St. Anthony	Hennepin- Ramsey	1948	7,981
Hugo	Washington	1973	3,771	St. Louis Park	Hennepin	1930	42,931
In.Grv.Hts.	Dakota	1965	17,171	St. Paul	Ramsey	1872	270,230
Landfall	Washington	1963	679	St. Paul Park	Washington	1954	4,864
Lauderdale	Ramsey	1952	1,985	Shoreview	Ramsey	1960	17,300
Lexington	Anoka	1966	2,150	South St. Paul	Dakota	1919	21,235
Lillydale	Dakota	1973	417	Spring Lk. Pk.	Anoka- Ramsey	1965	6,477
Lino Lakes	Anoka	1977	4,966				
Little Canada	Ramsey	1966	7,102				

Table 7 (Continued)

Location	County	Yr. Sewer System Commenced	1980 Population	Location	County	Yr. Sewer System Commenced	1980 Population
Vadnais Hts.	Ramsey	1969	5,111				
W. St. Paul	Dakota	1921	18,527				
White Bear Lak.	Ramsey-	1926	22,538				
	Washington						
White Bear Twp.	Ramsey-	1965	5,666				
	Washington						
Willernie	Washington	1964	654				
Woodbury	Washington	1963	10,297				

Separate Agencies

A. Ft. Snelling	Hennepin
B. Ft. Snelling State Park	Hennepin
C. FMC Corp. Northern Ordinance Div.	Anoka
D. Int. Airport	Hennepin
E. MN Veterans Home	Hennepin
F. Twin Cities Arsenal	Ramsey
G. Veteran's Adm.	Hennepin

Table 7 (Continued)

Dover-Eyota St. Charles Sanitary District (DESCAD)	Year WTW	Treatment Units	Final Discharge
	Constructed		
	1978	Cut., Grit., A.S.E.A.-ditch F.S., M.M.G.F., Cl., E.aer., S1.S	South Fork of Whitewater River

Communities served

Dover
Eyota

St. Charles

North Koochiching Sanitary Sewer Board (NKSSB)	Year WTW	Treatment Units	Final Discharge
	Constructed		
	1986	Stab. Pond, Grit Aer., P.S., T.F., F.S., U.V., D., Flow equalization	Rainy River

Communities served

International Falls
Rainer
South International
Falls

Table 7 (Continued)

Green Lake Sanitary District, Kandiyohi County	Year WTW Constructed 1986	Treatment Units Stab. Pond, spray irrig. Septic Tank, Drainfield	Final Discharge Land
Communities served Spicer New London			
Knife River Sanitary District, Lake County	Year WTW Constructed 1985	Treatment Units Septic Tank, R.B.S., F.S., U.V., Chem. Treat. Mounds, Drainfield	Final Discharge Lake Superior Land
Ottertail Sanitary District, Ottertail County	Year WTW Constructed 1986	Treatment Units Septic Tank, Drainfield	Final Discharge Land
Oakland Sanitary District, (Moscow & Oakland Twp.)	Year WTW Constructed 1978	Treatment Units Stab. Pond	Final Discharge County Tile and ditch to Turtle Creek
Plainview-Elgin Sanitary Sewer District, Wabasha County	Year WTW Constructed UC	Treatment Units Overflow retention basin, M. Screen, grit aer., A.S.E.A.-Ditch, F.S. Chem. Treat., Cl., Sl, S.	Final Discharge Creek to North Fork Whitewater River

Table 7 (Continued)

Blue Lake Wastewater Treatment Plant (MWCC)	Year WTW Constructed	Treatment Units	Final Discharge
Route 1-Box 1066, Shakopee 55379 (Eagle Creek Township, Scott County)	1971-73, UC	C. Screen, P.S., A.S.C.M., F.S., Cl., Aerated Ponds, S.I.T.	Minnesota River

Communities served

Location	County	Yr. Sewer System Commenced	1980 Population	Year Connection Made to Plant
Chanhassen	Carver	1958	6,359	1972
Deephaven	Hennepin	1971	3,716	1973
Eden Prairie	Hennepin	1971	16,263	1973
Excelsior	Hennepin	1927	2,523	1972
Greenwood	Hennepin	1972	653	1972
Long Lake	Hennepin	1963	1,747	1981
Maple Plain	Hennepin	1951	1,421	1986
Minnetrista	Hennepin	1974	3,236	1974
Minnetonka	Hennepin	1971	38,663	1973
Minnetonka Beach	Hennepin	1975	575	1981
Mound	Hennepin	1963	9,280	1974
Orono	Hennepin	1963	6,845	1981
Prior Lake	Scott	1959	7,284	1979
St. Bonifacius	Hennepin	1971	857	1973
Shakopee	Scott	1916	9,941	1971
Spring Park	Hennepin	1963	1,465	1974
Shorewood	Hennepin	1970	4,646	1973
Tonka Bay	Hennepin	1964	1,354	1972
Victoria	Carver	1958	1,425	1973
Waconia	Carver	1924	2,638	1978
Wayzata	Hennepin	1939	3,621	1971
Eagle Creek Twp.	Scott	1970	2,215	1971

Empire Wastewater Treatment Plant (MWCC)	Year WTW Constructed	Treatment Units	Final Discharge
	1979	C.Screen, Grit.Aer.,P.S., A.S.,F.S.,M.M.G.F.,Cl., Nitrification A.S.,Nitrification F.S.,Sl.T.,D.,Cen.	Vermillion River

Communities served

Location	County	Yr.Sewer System Commenced	1980 Population	Year Connection Made to Plant
Apple Valley	Dakota	1965	21,818	1979
Farmington	Dakota	1917	4,370	1979
Lakeville	Dakota	1923	14,790	1979

Table 7 (Continued)

Seneca Road Wastewater Treatment Plant (MWCC)	Year WTW Constructed	Treatment Units	Final Discharge
3565 Kennebek, Eagan 55112	1972,84	C. Screen,Cut.,P.S., A.S.C.M.,F.S.,Cl.,Sl.T., SL.P.,Sl.S.,V.F.,Inc.,A.D.L.	Minnesota River

Communities served

Location	County	Yr.Sewer System Commenced	1980 Population	Year Connection Made to Plant
Bloomington	Hennepin	1959	81,831	1972
Burnsville	Dakota	1963	35,674	1972
Eagan	Dakota	1967	20,532	1972

Other Facilities Owned and Operated by the Metropolitan Waste Control Commission
(For Facility Description See Table 1)

Location	Also Serves	Location	Also Serves
Anoka	Champlin	Maple Plain	
Bayport			
Chaska			
Cottage Grove		Rosemount	
		Savage	
Hastings		Stillwater	Oak Park Heights, Stillwater Twp.

Table 7 (Continued)

Facility	Year WTW Constructed	Treatment Units	Final Disposal
Western Lake Superior Sanitary District (WLSSD) Duluth	1978	Grit., A.S.P.O., Int.S., Chem. treatment, Floc.T., M.M.G.F., Cl., Sl.T., V.F.	St. Louis Bay
Communities served			
Location			
Carlton	Proctor		
Cloquet	Scanlon		
Duluth	Thompson Township (Esko community)		
Hermantown	Wrenshall		
Herman Township	Thomson		

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 8

Municipal Operated Industrial Waste Treatment Works

July 1, 1987

Location and Industry	County	Drainage Basin	Year WTW Constructed	Treatment Units	Final Disposal
Eden Prairie (Water Dept)	Hennepin	07-04	1974	Holding Pond, Lime Sludge Pond	Closed System
Edina (Water Dept.)	Hennepin	07-04	----	Settling Tank; M.S.S.-MWCC-MWTP	Mississippi River
Fergus Falls (Water Dept)	Otter Tail	07-01	1968	Lime Sludge Basin	Otter Tail River
Grand Rapids (Blandin Paper Co.)	Itasca	07-03	1968	F. Screen, Floc., P.S., Cen., Sl.H.	Mississippi River
Hopkins (Water Dept.)	Hennepin	07-04	----	Settling Basin	Nine Mile Creek
Jackson (Water Dept.)	Jackson	07-11	1973	Settling Basin; M.S.S.-Jackson	Des Moines River
(Municipal Power Plant)	Jackson	07-11	1973	Settling Basin; M.S.S.-Jackson	Des Moines River
Litchfield (Water Dept.) (Two Plants)	Meeker	07-03	----	Settling Basin	Jewett Creek
Long Prairie (Farmers Union Marketing & Processing Redering Plant)	Todd	07-03	1975	Stab. Ponds	Long Prairie River
Madison (Water Dept.)	Lac Qui Parle	07-04	1975	Lime Sludge Basin	Land
Mankato (Water Dept.)	Blue Earth	07-04	----	Settling Basin	Minnesota River
Marshall (Water Dept.)	Lyon	07-04	1974	Settling Basin	County Ditch to Cottonwood River
Minneapolis (Water Dept.)	Hennepin	07-03	1973	Storage Tanks, Sludge Thickeners	Mississippi River
Mounds View (Water Dept.) (Two Plants)	Ramsey	07-03	----	Settling Basin	Rice Creek

Table 8 (Continued)

Location and Industry	County	Drainage Basin	Year WTW Constructed	Treatment Units	Final Disposal
Pelican Rapids (Pittsville Fur Farms, Inc., West Central Turkey Proc. Co.)	Otter Tail	07-01	1957-68	A. Stab. Pond, Stab. Pond, Spray Irrigation	Soil and Pelican River
Red Wing (S.B. Foot Tanning Co)	Goodhue	07-06	1971	P.S., Aer. Ponds, F.S., Cl., Sl., Inc.	Hay Creek to Mississippi River
St. Cloud (Water Dept.)	Stearns	07-03	1973	Storage Basins, Centrifuges, Recirculation System	No Discharge (Sludge to St. Augusta landfill)
Worthington (Armour & Co)	Benton Sherburn Nobles	07-11	1965	A. Stab. Ponds, Stab. Ponds	Okabena Creek

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 9

Facilities Operated by Indian Councils

July 1, 1987

Name	County	Drainage Basin	Treatment	Year WTW Const.	Pop. Served	Final Disposal
Grand Portage Indian Reservation Complex	Cook	08-23	Stab. Pond	----	115	Lake Superior
Nay-Tah-Waush White Earth Indian Res.	Mahnomen	07-02	Stab. Pond	1966	---	Bad Boy Creek to North Twin Lake
Onigum Point Recreational Area, Walker	Cass	07-03	Stab. Pond,	1971	---	Land Seepage Pond
Vineland, Mille Lacs Indian Reservation	Mille Lacs	07-03	Stab. Ponds	1969	---	Swamp to Mille Lacs Lake
Radisson Hotel Grand Portage	Cook	08-23	P.S., R.B.S., F.S., Cl., Chem. treatment., E. Polishing pond., D.	1974	450	Lake Superior

MINNESOTA POLLUTION CONTROL AGENCY
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Table 10

Tertiary Wastewater Treatment Facilities

<u>Location</u>	<u>1980 Pop. served</u>	<u>Date Const.</u>	<u>Type of Treatment</u>	<u>Tertiary Treatment Units</u>
Albany	1,569	1986	Stab. pond	Chem. Treatment
Albert Lea	19,190	1983	T.F., A.S.	Nitrification aer. tanks, Nitrification clarifiers, e. filters
Alexandria Lakes Area Sanitary Dist. (ALASD)	7,817	1979	A.S.M., S.C.C.	M.M.G.F., E. Polishing Pond aer.
Altura	354	1974,86	Aer. Pond	Aer. Effluent Pond, Chemical Treatment
Annandale	1,568	1962	Stab. Pond	E. Spray Irrig.
Aurora	2,670	1981	H.T.F./A.S.C.M.	Chem. Treatment, M.M.G.F.
Backus	255	1985	Septic tank	Drainfield
Bayport	2,932	1973	A.S.C.S.	Chem. Treatment
Beardsley	344	1977	Stab. pond	E. spray irrig.
Beaver Bay	283	1984	Stab. pond	Peat filter, seepage pit
Bemidji	10,949	1986	A.S.	Chem. Treatment
Benson	3,656	1984	T.F., R.B.S.	E. filters
Biwabik	1,428	U.C.	Stab. Pond	Wetland
Blackduck	653	1977	H.T.F.	Chem. Treatment
Bluffton	206	U.C.	Stab. Pond	E. spray irrig.
Bovey-Coleraine- Taconite	2,260	U.C.	A.S.C.M.	Chem. Treatment
Brandon	473	U.C.	Stab. Pond	E. spray irrig.
Breezy Point	384	1978	Aer. Pond	E. spray irrig.
Brownsville	418	U.C.	Septic tank	Sand filter
Brownton	697	1972	A.S.C.M.	Mic.
Buhl-Kinney	1,731	1986	T.F., R.B.S.	Chem. Treatment
Carver	642	U.C.	Aer. pond	Sand filter
Cass Lake	1,001	1986	Stab. Pond	E. spray irrig.
Chicamaw Beach	124	1984	Septic tank	Drainfield
Chisholm	5,930	1981	A.S.C.M./H.T.F.	M.M.G.F., Chem. Treatment
Clarkfield	1,171	1983	Stab. Pond	E. Polishing Pond
Cottage Grove	18,994	1979	A.S.M.	M.M.G.F.
Cromwell	229	1985	Mound, septic tank	Drainfields
Cyrus	334	U.C.	Aer. pond	Infiltration basin
Dalton	248	1984	Stab. pond	E. spray irrig.
Dassel	1,066	1986	Stab. pond	E. spray irrig.
Dawson	1,901	1972	A.S.E.A./Ditch	Chem. Treatment
Dent	167	1971	Stab. Pond	Soil Absorption
Detroit Lakes	7,106	1977	H.T.F.	M.M.G.F., Chem. Treatment, E. Absorption Pond, E. Spray Irrigation
Donnelly	317	1986	Mounds	Drainfields

Table 10 (continued)

<u>Location</u>	<u>1980 Pop. served</u>	<u>Date Const.</u>	<u>Type of Treatment</u>	<u>Tertiary Treatment Units</u>
Dover-Eyota-St. Charles Sanitary District (DESCAD)	3,740	1978	A.S.E.A. Ditch	M.M.G.F.
Eden Valley	763	1984	Stab. ponds	E. spray irrig.
Eitzen	226	1987	Stab. ponds	E. spray irrig.
Ely	4,820	1972	H.T.F.	Chem. Treatment
Empire (MWCC)	40,978	1979	A.S.	M.M.G.F.
Elysian	454	1974	Stab. Pond	E. Spray Irrig.
Eveleth	5,137	1972	A.S.C.M.	Chem. Treatment
Fairmont	11,506	1973	A.S.C.M.	Mic.
Frazee	1,284	U.C.	Aer. holding pond	Infiltration basin
Gilbert	2,721	1981	H.T.F./A.S.C.M.	Chem. Treatment, M.M.G.F.
Glencoe	4,396	1974	A.S./H.T.F.	Dual Media Filters
Glenwood-Long Beach Joint	2,786	1986	Stab. ponds	E. Spray Irrig.
Grand Marais	1,289	1975	A.S.C.M.	Chem. Treatment
Grand Rapids	7,934	1975	A.S.C.M.	E. Polishing Pond
Greenfield	1,391	1987	Septic tank	Drainfield
Hackensack	285	1986	Stab. pond	E. spray irrig.
Hampton	299	1958	A.S.	E. Polishing Pond
Hayward	294	1973	Stab. Pond	E. Spray Irrig.
Hector	1,252	1969	A.S.C.S.	E. Polishing pond Aer.
Henning	832	1974	Stab. Pond	E. Spray Irrig.
Hibbing	21,193	1972	A.S.	Aer. Pond, E. Polishing Pond
Holland	234	1986	Aer. Ponds	E. Polishing Pond
Howard Lake	1,240	U.C.	A.S.E.A.-ditch	Chem. Treatment
Hoyt Lakes	3,186	1981	H.T.F.	Chem. Treatment
Independence	2,640	1987	Septic Tank	Drainfield
Kimball	651	1986	Stab. Pond	E. Spray Irrig.
Lake Crystal	2,078	U.C.	R.B. Q.S	Chem. Treatment
Lake Elmo	5,296	U.C.	Septic Tank	Drainfield
Litchfield	5,904	1974	T.F./A.S.	Chem. Treatment, M.M.G.F.
Loretto	297	1971	Aer. Pond	E. Absorption Pond
Madelia	2,130	1974	Aer. Pond	Chem. Treatment
Madison	2,212	U.C.	A.S.E.A.-ditch	Chem. Treatment
Madison Lake	592	1976	A.S.E.A.-ditch	M.M.G.F.
Marble-Calumet	1,226	U.C.	A.S.E.A.	Chem. Treatment
Marine-on-St. Croix	543	1986	Septic Tank	Drainfield
Marshall	11,161	1977	A.S.E.A.	M.M.G.F.
Millerville	124	1986	Stab. Pond	E. spray irrig.
Moorhead	29,998	1983	A.S.P.O.	E. Polishing Pond aer.
Morristown	639	1971	A.S.C.S.	Chem. Treatment
New Auburn	331	1973	Stab. Pond	E. Spray Irrig.
New Munich	302	1983	Stab. Pond	Rapid Infiltration Basin
New Prague	2,952	1968	H.T.F.	E. Polishing Pond
New York Mills	972	1983	Stab. Pond	E. Spray Irrig.
Northfield	12,562	1984.	R.B.S., H.T.F.	Chem. Treatment
Olivia	2,802	1984	A.S.	M.M.G.F.

Table 10 (Continued)

<u>Location</u>	<u>1980 Pop. served</u>	<u>Date Const.</u>	<u>Type of Treatment</u>	<u>Tertiary Treatment Units</u>
Ortonville	2,550	1984	Stab. Pond	E. Spray Irrig.
Osakis	1,355	1987	Stab. Pond	Chem. Treatment
Owatonna	18,632	U.C.	A.S.	E. Filter
Parkers Prairie	917	1987	Stab. Pond	E. Spray Irrig.
Paynesville	2,140	1977	Stab. Pond	E. Spray Irrig.
Pequot Lakes	681	U.C.	Aer. Ponds	E. Spray Irrig.
Pine Island	1,986	1985	A.S.	Chem. Treatment
Plainview-Elgin Sanitary Sewer Dist.	3,083	U.C.	A.S.E.A.-ditch	Chem. Treatment
Redwood Falls	5,210	U.C.	Aer. Ponds	Nitrification Basin
Richmond	867	U.C.	A.S.C.S.	Chem. Treatment
Riverton	112	1975	Septic tank	Drainfield
Rochester	57,855	1984	A.S.P.O.	Chem. Treatment
Rosemount	5,083	1973	S.C.C.	M.M.G.F.
Silver Bay	2,917	1975	H.T.F.	Chem. Treatment
Sleepy Eye	3,581	U.C.	Stab. Pond	E. Spray Irrig.
Stillwater	12,290	1973	A.S.C.S.	Chem. Treatment
Two Harbors	4,039	1974	A.S.C.M.	M.M.G.F., Chem. Treatment
Virginia	11,056	1977	A.S.E.A.	M.M.G.F., Chem. Treatment
Walker	970	1973	Stab. Pond	E. Irrig.
Waseca	8,219	U.C.	A.S.	Nitrification Clarifiers
Watkins	757	1984	Stab. Pond	E. Spray Irrig.
West Concord	762	1985	A.S.C.S.	Chem. Treatment
Western Lake Superior San. Dist (WLSSD)	116,289	1978	A.S.P.O.	Chem. Treatment, M.M.G.F.
Winton	276	1961	A.S.E.A.	E. Polishing Pond
Wyoming	1,559	1976	Stab. Pond	E. spray irrig.
Zumbrota	2,129	1973,86	T.F., R.B.S.	E. Polishing Pond aer.

Tertiary -

Secondary treatment plus an added conventional secondary treatment process which will remove additional BOD and/or solids; e.g., a terminal lagoon, sand filter, polishing pond, etc., or an added advanced treatment process for further removal of BOD and/or suspended and dissolved solids, e.g., coagulation/sedimentation, absorption, reverse osmosis and electrodialysis.

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 11A

Wastewater Treatment Facilities
Completed in FY 1986

<u>Location</u>	<u>Type of Project</u>
Albany	Additions (chem. treatment) to existing stabilization pond.
Albertville	New stabilization ponds to replace existing primary plant.
Altura	Additions (chem. treatment, F.S., floc.) to existing stabilization pond.
Belgrade	New stabilization pond and spray irrigation system to replace existing activated sludge plant.
Bemidji	New activated sludge plant to replace existing trickling filter plant.
Buhl-Kinney joint	New trickling filter/R.B.S. plant to replace 2 existing trickling filter and primary plants.
Cass Lake	New stabilization pond and spray irrigation system to replace existing primary plant.
Chisholm	Alterations to existing trickling filter/activated sludge plant.
Dassel	New stabilization pond and spray irrigation system to replace existing trickling filter plant.
Donnelly	New community mound and drainfield.
Fergus Falls	Additions and alterations (M. Screens, grit. aer., F.S.) to existing activated sludge plant.
Fertile	New stabilization ponds.
Georgetown	New stabilization ponds and collection system.
Glenwood	New stabilization pond and spray irrigation system to replace existing activated sludge plant.
Hackensack	New stabilization pond and spray irrigation system to replace existing activated sludge plant.

Table 11A (Continued)

<u>Location</u>	<u>Type of Project</u>
Hastings	Additions and alterations (grit. aer.) to existing activated sludge plant.
Holland	New aerated pond to replace existing trickling filter plant.
Kimball	New stabilization pond and spray irrigation system to replace existing trickling filter plant.
Little Falls	Additions and alterations (activated biofiltertower, A.S.) to existing trickling filter plant.
Mankato	Additions and alterations (flow equalization) to existing activated sludge plant.
Marine-on-St. Croix	New community septic tank and drainfield.
Millerville	New stabilization pond and spray irrigation and collection system.
Onamia	New stabilization pond to replace existing trickling filter plant.
Preston	Additions and alterations (flow equalization, grit, R.B.S., Cl.D.) to existing trickling filter plant.
St. Francis	Alterations to existing stabilization pond system.
Shafer	Alterations to existing stabilization pond system.
Slayton	Alterations to existing stabilization pond system.
Steen	New stabilization pond and collection system.
Trimont	Additions and alterations (M. Screen, grit, R.B.S.) to existing trickling filter plant.
Wanamingo	Additions and alterations (pre-aeration, M. Screens, grit aer., Cl.D.) to existing activated sludge plant.
Willmar	New plant (R.B.S.) to replace existing trickling filter/activated sludge plant.
Winthrop	New stabilization ponds to replace existing activated sludge plant.
Zumbrota	Additions and alterations (M. Screens, grit., R.B.S.) to existing trickling filter plant.

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 11B

Wastewater Treatment Facilities
Completed in FY 1987

<u>Location</u>	<u>Type of Project</u>
Austin	Additions (ammonia removal facilities) to existing trickling filter/RBS plant.
Cannon Falls	Additions and alterations (M.Screens,R.B.S.,Cl.D.) to existing trickling filter plant.
Chokio	New stabilization ponds to replace existing trickling filter plant.
Eitzen	New stabilization pond and spray irrigation system and collection system.
Faribault	Additions and alterations (Sl.T.) to existing activated sludge/trickling filter plant.
Goodridge	New stabilization pond and collection system.
Greenfield	New community septic tank/drainfield and collection system.
Independence	New community septic tank/drainfield and collection system.
Lake Crystal	New R.B.S. plant to replace existing trickling/filter plant.
Luverne	Additions and alterations (A.S.E.A.-Ditch, Sl.T.) to existing trickling filter plant.
Norwood	Additions and alterations (grit,P.S.,T.F.) to existing activated sludge plant.
Ortonville	Alterations to existing stabiliation pond systems.
Osakis	Alterations and additions (chem. test) to existing stabilization pond system.
Parkers Prairie	Alterations and additions (rapid infiltration basins, spray irrig.) to existing stabilization pond system.
Rothsay	New aerated ponds to replace existing trickling filter plant.
Spring Valley	New activated sludge plant to replace existing trickling filter plant.
Winsted	Additions and alterations (F.Screens,A.S.E.A.-Ditch,F.S.) to existing aerated pond system.

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 12

Wastewater Treatment Facilities
Under Construction in FY 1987

<u>Location</u>	<u>Type of Project</u>
Alberta	New stabilization pond and collection system.
Argyle	New stabilization ponds.
Ashby	New stabilization ponds to replace existing primary plant.
Biwabik	Alterations to existing stabilization ponds.
Blue Earth	Alterations and additions (grit.aer.,M.Screens,Cl.D.) to existing activated sludge plant.
Bluffton	New stabilization pond and spray irrigation system and collection system.
Bovey-Coleraine-Taconite	New activated sludge plant to replace two existing trickling filter and primary plants.
Brandon	New stabilization pond and spray irrigation system to replace existing primary plant.
Brownsville	New community septic tank/sand filter and collection system.
Caledonia	Alterations and additions (flow equal, S.B.R.) to existing trickling filter plant.
Cambridge	Alterations and additions (M.Screen,R.B.S.,Cl.D.) to existing trickling filter plant.
Carver	New community septic tank, aer. pond and collection system.
Chaska	Additional sludge handling facilities and flood protection.
Chatfield	Additions and alterations (M.Screen, grit.,A.S.,Floc.Clar., Cl.D.,D.,Sl.P.) to existing trickling filter plant.
Cleveland	New stabilization ponds to replace existing primary plant.
Cook	New stabilization ponds to replace existing activated sludge plant.
Cyrus	New aer. pond/infiltration basin system to replace existing primary plant.

<u>Location</u>	<u>Type of Project</u>
Deer River	New stabilization pond.
Delano	New activated sludge plant to replace existing trickling filter plant.
Elko-New Market	New stabilization pond and collection system.
Fosston	Alterations to existing stabilization ponds.
Frazee	Alterations and additions (aeration, rapid infiltration basins) to existing stabilization pond system.
Gaylord	New stabilization ponds to replace existing trickling filter plant.
Glyndon	Improvements to existing stabilization ponds.
Grand Marais	New activated sludge plant (A.S.E.A.-Ditch) to replace existing activated sludge plant.
Granite Falls	Alterations and additions (M.Screen,grit,S.B.R.,Sl.S.) to existing activated sludge plant.
Hibbing	Additions and alterations (M.Screen) to existing trickling filter plant.
Howard Lake	New activated sludge plant (A.S.E.A.-Ditch) to replace existing trickling filter plant.
Hutchinson	New activated sludge plant (A.S.E.A.-Ditch) to replace existing activated sludge plant.
Lafayette	Alterations and additions (M.Screen, Cl.D.) to existing trickling filter plant.
Lake Elmo	New community septic tank/drainfield and collection system.
Lindstrom (Chisago Lakes)	New aerated pond to replace existing trickling filter/activated sludge plant.
Lynd	New stabilization ponds and collection system.
Madison	New activated sludge plant (A.S.E.A.-Ditch) to replace existing trickling filter plant.
Marble-Calumet	New activated sludge plant to replace two existing activated sludge and primary plant.
Mazeppa	New trickling filter/S.C.C. plant added to existing primary plant.

<u>Location</u>	<u>Type of Project</u>
Melrose	Additional sludge handling facilities.
Montrose	Additions to existing stabilization pond system.
Morton	New aerated pond to replace existing trickling filter plant.
Murdock	New stabilization ponds and collection system.
North Branch	Additions and alterations (aeration, Cl.,Cl.D.) to existing stabilization pond system.
Owatonna	New activated sludge plant to replace existing trickling filter plant.
Paynesville	Additions and alterations (M.Screen,grit) to existing stabilization ponds.
Pelican Rapids	Additions and alterations (grit,Cut.,R.B.S.,A.S.D.) to existing trickling filter plant.
Pequot Lakes	Additions and alterations (aeration, e.spray irrig.) to existing stabilization ponds.
Plainview-Elgin San. Sewer Dist.	New regional plant (activated sludge) to replace existing trickling filter plants.
Redwood Falls	Alterations and additions (M.Screen, nitrification) to existing aerated ponds.
Rice	New stabilization ponds and collection system.
Richmond	Additions and alterations (chem. treat, Cl.D.) to existing activated sludge plant.
Sleepy Eye	Additions and alterations (e.spray irrig.) to existing stabilization pond system.
Tower-Breitung (Soudan)	New regional plant (stab. ponds) to replace two existing trickling filter plants.
Vesta	New stabilization ponds and collection system.
Virginina	Additions and alterations (D.,Sl.B.,Sl.P.) to existing activated sludge plant.
Waseca	New activated sludge plant to replace existing trickling filter plant.

<u>Location</u>	<u>Type of Project</u>
Waterville	Additions and alterations (M.Screen,Sl.S.,Sl.H.) to existing filter plant.
Wendell	New stabilization ponds and collection system.
Winnebago	Additions and alterations (M.Screen,grit,P.S.,Cl.,Cl.D.,D.) to existing activated sludge plant.
Zumbro Falls	New stabilization ponds and collection system.

MINNESOTA POLLUTION CONTROL AGENCY
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Table 13

Municipalities Having Sewer Systems Without Treatment Works, Listed Alphabetically

July 1, 1987

Location	Drainage Basin (River)	Year Const. Commenced	Pop. (1980)	Final Disposal
Cuyuna	Upper Mississippi	----	157	Ditch
Easton	Minnesota	----	283	Creek to Maple River
Iona	Mississippi-Des Moines-Skunk	----	248	Unnamed Creek to Slough
Lewisville	Minnesota	1939	273	Dry run to Watonwan River

MINNESOTA POLLUTION CONTROL AGENCY
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Table 14

Municipalities Without Sewer Systems, Listed Alphabetically
July 1, 1987

Location	County	Drainage Basin	1980 Population	Location	County	Drainage Basin	1980 Population
Afton	Washington	07-05	2,550				
Akeley	Hubbard	07-03	486	Cedar Mills(2)	Meeker	07-03	73
				Centerville	Anoka	07-03	734
Aldrich	Wadena	07-03	88	Ceylon	Martin	07-11	543
Alpha	Jackson	07-11	180	Clitherall	Otter Tail	07-01	121
Arco	Lincoln	07-04	96	Clontarf	Swift	07-04	196
Avoca	Murray	07-11	201	Coates	Dakota	07-06	207
Bejou	Mahnomen	07-01	109	Cobden	Brown	07-04	72
Beltrami	Polk	07-01	134	Conger	Freeborn	07-10	183
Bena	Cass	07-03	153	Corcoran (1)	Hennepin	07-03	4,252
Bethel	Anoka	07-03	272	Correll	Big Stone	07-04	83
Bigelow	Nobles	09-07	249	Courtland	Nicollet	07-04	399
Bingham Lake	Cottonwood	07-04	222	Crosslake	Crow Wing	07-03	1,064
Biscay	McLeod	07-03	114	Dakota	Winona	07-06	350
Blomkest	Kandiyohi	07-03	200	Danvers	Swift	07-04	152
				Darfur	Watsonwan	07-04	139
Boyd	Lac Qui Parle	07-04	329	Dayton	Hennepin/Wright	07-03	4,070
Boy River (2)	Cass	07-03	50	DeGraf	Swift	07-04	179
Branch	Chisago	07-05	1,866	Delavan	Faribault	07-04	262
Brook Park	Pine	07-05	93	Delhi	Redwood	07-04	96
Brooks	Red Lake	07-01	173	Dellwood	Washington	07-05	751
Brookston	St. Louis	08-23	124	Denham	Pine	07-05	48
				Donaldson	Kittson	07-01	84
Bruno	Pine	07-05	130	Doran	Wilkin	07-01	77
Buckman	Morrison	07-03	171	Dovray	Murray	07-11	87
Burtrum	Todd	07-03	177	Dumont	Traverse	07-01	173
				Dundas (2)	Rice	07-05	422

Table 14 (Continued)

Location	County	Drainage Basin	1980 Population	Location	County	Drainage Basin	1980 Population
Dundee	Nobles	07-11	129	Hadley	Murray	07-11	137
Dunnell	Martin	07-11	216	Halma	Kittson	07-01	97
East Bethel	Anoka	07-03	6,626	Ham Lake (1)	Anoka	07-03	7,832
E. Gull Lake	Cass	07-03	586	Hammond	Wabasha	07-06	178
Effie	Itasca	07-02	141	Hanover	Hennepin/Wright	07-03	647
Elba (2)	Winona	07-06	198	Harding	Morrison	07-03	93
				Hazel Run	Yellow Medicine	07-04	93
Elmdale	Morrison	07-03	126	Heidelberg	Le Sueur	07-04	102
Elrosa	Stearns	07-03	214	Henriette	Pine	07-05	61
Emily	Crow Wing	07-03	588	Hewitt	Todd	07-03	299
Erhard	Otter Tail	07-01	194	Hillman	Morrison	07-03	51
Evan (2)	Brown	07-04	90	Holt	Marshall	07-01	119
Farwell	Pope	07-04	77	Humboldt	Kittson	07-01	111
Federal Dam	Cass	07-03	192	Ihlen	Pipestone	09-07	129
Fifty Lakes	Crow Wing	07-03	263				
Florence	Lyon	07-04	55	Island View	Koochiching	07-02	101
Forada	Douglas	07-04	191	Jenkins	Crow Wing	07-03	219
Fort Ripley	Crow Wing	07-03	83	Johnson	Big Stone	07-04	57
Fountain (2)	Fillmore	07-06	327	Kasota	Le Sueur	07-04	739
Foxhome	Wilkin	07-01	161	Kellogg	Wabasha	07-06	440
Frost	Faribault	07-04	293	Kenneth	Rock	09-07	95
Funkley	Beltrami	07-01	18	Kent	Wilkin	07-01	121
Garrison	Crow Wing	07-03	174	Kerrick	Pine	07-05	79
Garvin (2)	Lyon	07-04	172	Kilkenny	Le Sueur	07-06	177
Gary	Norman	07-01	241	Kinbrae	Nobles	07-11	40
Genola	Morrison	07-11	83	Kingston	Meeker	07-03	141
				Lakeland	Washington	07-05	1,812
				Lakeland Shores	Washington	07-05	171
Green Isle	Sibley	07-04	357	Lake St. Croix	Washington	07-05	1,176
Greenwald (2)	Stearns	07-03	259	Beach (1)			
Gully	Polk	07-01	116	Lake Shore	Cass	07-03	583

Table 14 (Continued)

Location	County	Drainage Basin	1980 Population	Location	County	Drainage Basin	1980 Population
La Porte	Hubbard	07-03	160	Nimrod	Wadena	07-03	69
La Prairie	Itasca	07-03	536	Nisswa	Crow Wing	07-03	1,407
La Salle	Watonwan	07-04	115	Norcross	Grant	07-01	124
Lastrup	Morrison	07-03	150	North Oaks (1)	Ramsey	07-03	2,846
Lengby	Polk	07-01	123	North Redwood	Redwood	07-04	206
Leonard	Clearwater	07-01	50	Odin	Watonwan	07-04	134
Lismore	Nobles	09-07	276	Oklee	Red Lake	07-01	536
				Ormsby	Martin/Watonwan	07-04	181
Louisburg	Lac Quie Parle	07-04	52	Oronoco	Olmsted	07-06	574
				Ottertail	Otter Tail	07-01	239
McGrath	Aitkin	07-05	81	Palisade	Aitkin	07-03	155
Manchester	Freeborn	07-10	96	Pease	Mille Lacs	07-03	174
Manhattan	Crow Wing	07-03	60	Pemberton	Blue Earth	07-04	208
Beach				Pennock	Kandiyohi	07-04	410
				Pillager	Cass	07-03	341
Meire Grove	Stearns	07-03	174	Pine Springs	Washington	07-03	267
Mendota	Dakota	07-06	219	Plato	McLeod	07-03	390
Mentor	Polk	07-01	219	Pleasant Lake	Stearns	07-03	120
Miesville	Dakota	07-06	179	Prinsburg	Kandiyohi	07-04	557
Millville	Wabasha	07-06	186	Quamba	Kanabec	07-05	122
				Ramsey (1)	Anoka	07-03	10,093
Minneiska (1)	Wabasha & Winona	07-06	132	Randolph	Dakota	07-06	351
Minnesota City	Winona	07-06	265	Regal	Kandiyohi	07-03	70
Mizpah	Koochiching	07-02	129	Revere	Redwood	07-04	158
Myrtle	Freeborn	07-10	86	Richville	Otter Tail	07-01	132
Nashua	Wilkin	07-01	89	Rock Creek	Pine	07-05	890
Nassau	Lac Qui Parle	07-04	115	Rockville	Stearns	07-03	597
Nerstrand	Rice	07-06	255	Ronneby	Benton	07-03	56
Nevis	Hubbard	07-03	332	Roosevelt	Roseau & Lake of the Woods	07-02	124
New Trier	Dakota	07-06	115	Roscoe	Stearns	07-03	154
				Rushford Village	Fillmore	07-06	688

Table 14 (Continued)

Location	County	Drainage Basin	1980 Population	Location	County	Drainage Basin	1980 Population
Rutledge	Pine	07-05	185	Tenney	Wilkin	07-01	19
St. Anthony	Stearns	07-03	78	Tenstrike	Beltrami	07-03	159
St. Mary's Point	Washington	07-05	348	Tintah	Traverse	07-01	119
St. Rosa	Stearns	07-03	71	Trail	Polk	07-01	97
St. Stephen	Stearns	07-03	453	Trosky	Pipestone	09-07	113
St. Vincent	Kittson	07-01	141	Turtle River	Beltrami	07-03	60
Sargeant	Mower	07-10	95	Urbank	Otter Tail	07-04	95
Seaforth	Redwood	07-04	90	Viking	Marshall	07-01	129
Sedan	Pope	07-03	62	Villard	Pope	07-03	275
Shevlin	Clearwater	07-03	193	Vining	Otter Tail	07-01	87
Skyline	Blue Earth	07-04	399	Walters	Faribault	07-04	118
Solway	Beltrami	07-03	89				
South Haven	Wright	07-03	205	Westport	Pope	07-03	50
Spring Hill	Stearns	07-03	94	West Union	Todd	07-03	74
Squaw Lake	Itasca	07-02	162	Whalan	Fillmore	07-06	119
Storden (2)	Cottonwood	07-04	341	Wilder	Jackson	07-11	120
Strandquist	Marshall	07-01	136	Wilton	Beltrami	07-03	176
Strathcona	Roseau	07-01	47	Wolf Lake	Becker	07-03	67
Sturgeon Lake	Pine	07-05	222	Woodland	Hennepin	07-03	526
Sunburg	Kandiyohi	07-04	130	Woodstock	Pipestone	09-07	180
Sunfish Lake	Dakota	07-06	344	Wright	Carlton	07-03	162
Tamarack	Aitkin	07-03	83	Zemple	Itasca	07-03	62
Taopi	Mower	07-06	96				

Total Number of Municipalities - 206 Total Population - 84,492

NOTE: (1) Suburban residential area with low population density near larger city.

NOTE: (2) Raw sewage and/or septic tank effluent known to be discharged to drain tiles connected to portions of community.

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality
Table 15

Key to Drainage Basins

07-01	Red River of the North
07-02	Rainy River
07-03	Upper Portion Upper Mississippi River (above Camden Avenue Bridge in Minneapolis)
07-04	Minnesota River
07-05	St. Croix River
07-06	Lower Portion Upper Mississippi River
07-10	Mississippi-Iowa-Cedar Rivers
07-11	Mississippi-Des Moines-Skunk Rivers
08-23	Lake Superior
09-	Missouri River
09-07	Rock River

MINNESOTA POLLUTION CONTROL AGENCY
Division of Water Quality

Table 16

Key to Facility Descriptions

A.D. - Anaerobic Digestion, Sedimentation of Packinghouse Wastes	Inc.-Incinerator for Sludge Conditioning
A.D.L.-Ash Disposal Lagoon	Int. S.-Intermediate Settling Tank
Aer. Pond- Aerated Pond	Mag. F.-Magnetite Filter
A.S.-Activated Sludge (Conventional)	Mic.-Micro-screen
A.S.C.M.-Activated Sludge Complete Mix	M.M.G.F.-Mixed Media Gravity Filters
A.S.C.S.-Activated Sludge Contact Stabilization	M. Screens-Mechanical Bar Screens
A.S.D.-Aerobic Sludge Digestion	M.W.T.P.-Metropolitan Wastewater Treatment Plant
A.S.E.A.-Activated Sludge Extended Aeration	P.-Primary
A.S.M.-Activated Sludge Modified	P.D.-Combination of Primary Settling Tank/Sludge Digestion (Unit Comprable to an Imhoff Tank)
A. Stab. Pond-anaerobic Stabilization Pond	Pre-Aer.-Pre-aeration
Cen.-Centrifuge for Sludge De-watering	P.S.-Primary Settling Tank
Chem. Treatment-Chemical Treatment for Removal of Phosphates or BOD and SS	R.B.S.-Rotating Biological Surface Disc
Cl.-Chlorination	R.F. Irrigation-Ridge and Furrow Irrigation
Cl.D.-De-chlorination	S.C.C.-Solids Contact Clarifier
C. Screens-Course Screen	Sec.-Secondary
Cut.-Cutting Screen	S.F.-Sand Filter
D.-Digester	Sl.B.-Open Sludge Bed
Ditch-Oxidation Ditch	Sl. Chem-Chemical Treatment of Sludge and Subsequent Draining on Sand Beds
E. Absorption Pond-Effluent Absorption Pond (No Discharge to Surface Water)	Sl.H.-Sludge Hauling by Tank Truck
E. Spray Irrig.-Plant Effluent Spray Irrigation System	Sl.Lagoon-Sludge Lagoon
E. Polishing Pond-Effluent Polishing Pond	Sl.S.-Sludge Storage Tank for Hauling by Tank Truck
E. Polishing Pond Aer.-Effluent Polishing Pond Aerated	Sl.T.-Sludge Thickening
Floc. T.-Flocculation Tank	S.Ret.Pond-Stormwater Retention Pond
F.S.-Final Settling Tank	Stab. Pond-Stabilization Pond
F. Screens-Fine Screens	T.F.-Low-Rate Trickling Filter
Grease Flt.-Grease Flotation (by Means of Air)	T.F.R.-Trickling Filter Roughing
Grit.-Grit Chamber	U.C.-Treatment Plant Under Construction
Grit. Aer.-Grit Chamber Aerated	U.F.-Underground Filter
G.T.-Grease Tank	U.V.-Ultra Violet Disinfection
H.R.D.-High-Rate Digestion	V.F.-Drum-type Vacuum Filter for Sludge De-watering
H.T.F.-High-Rate Trickling Filter	Sl.P.-Sludge press for Sludge De-watering
I.-Imhoff Tank	T.C.-Thermal Condition of Sludge
A.S.P.O.-Activated Sludge Pure Oxygen	R.B.S.S.-Rotating Biological Surface disc treatment of return sludge flow
	S.B.R.-Sequential Batch Reactor
	S.T.-Septic Tank

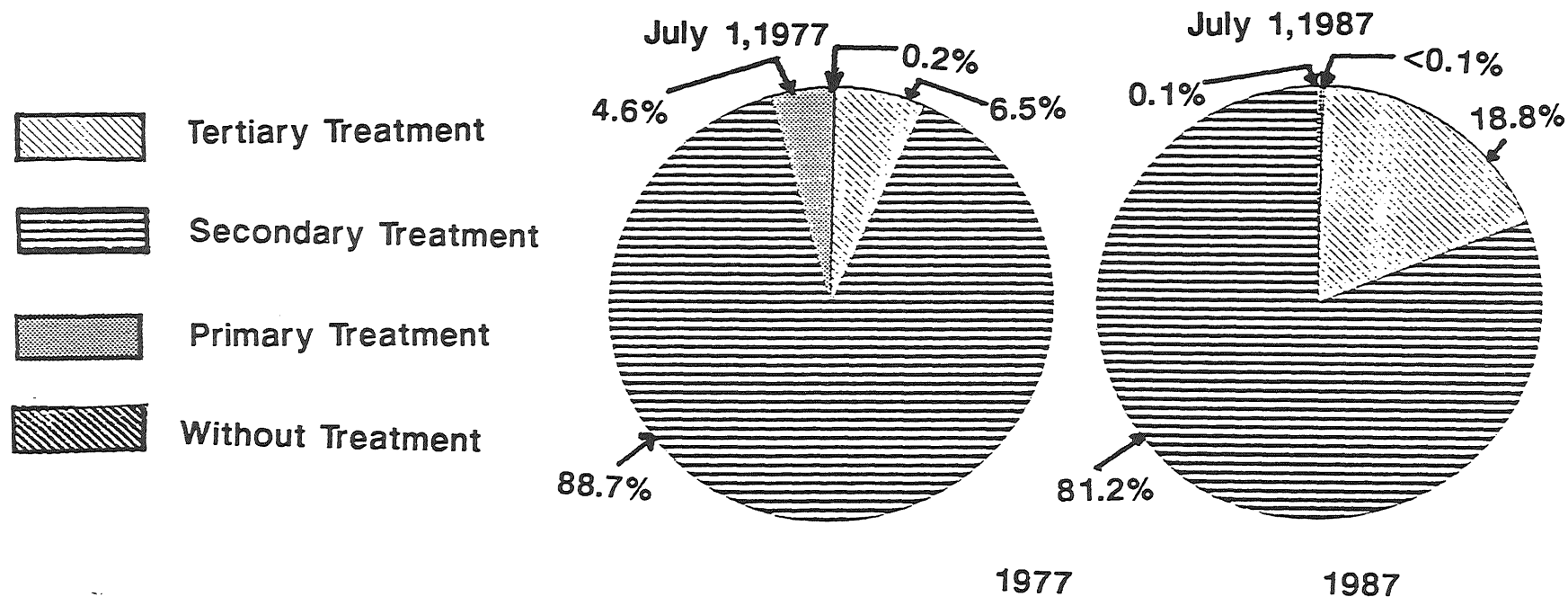
MUNICIPAL WASTEWATER TREATMENT FACILITIES

Figure 1

Status	January 1, 1968		July 1, 1977		July 1, 1987	
	Population	Number	Population	Number	Population	Number
Sewers & Wastewater Treatment	2,566,518	468	2,853,422	589	3,040,879	645
Tertiary Treatment	---	---	184,973	56	567,744	125
Secondary Treatment	2,328,555	412	2,537,186	502	2,469,002	509
Primary Treatment	237,963	56	131,263	31	4,133	11
Sewer System, No Treatment	19,079	31	5,140	10	961	4
No Sanitary Sewer System	149,725	351	84,333	256	84,492	206

Figure II

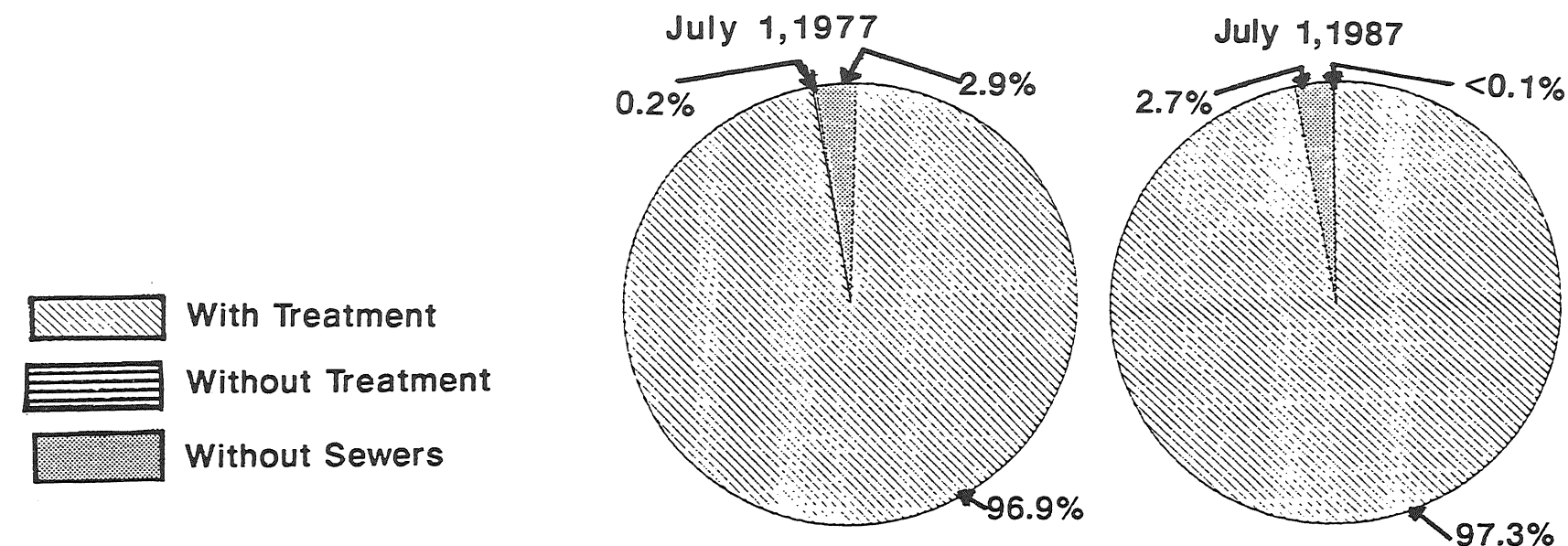
STATUS OF MUNICIPALITIES WITH SEWERS BY POPULATION



Municipal Population Served by Sewers	2,858,562	3,041,840
Population Served by Tertiary Treatment	184,973	567,744
Population Served by Secondary Treatment	2,537,186	2,469,002
Population Served by Primary Treatment	131,363	4,133
Population Served by Sewers Without Treatment	5,140	961

Figure III

STATUS OF MUNICIPALITIES WITH AND WITHOUT SEWERS BY POPULATION



1977

1987

Municipal Population in Minnesota	2,942,895	3,126,332
Population Served by Sewers with Treatment	2,853,422	3,040,879
Population Served by Sewers without Treatment	5,140	961
Population Not Served by Sewers	84,333	84,492