

## TABLE 4.19A MICHIGAN

### 1996 CLEAN WATER NEEDS SURVEY - REPORT 2

#### POPULATION SERVED AND FLOWS FOR PUBLICLY OWNED WASTEWATER TREATMENT FACILITIES CURRENTLY IN OPERATION

S T A T E: MICHIGAN			PRESENT	FUTURE	EXISTING	PRESENT	FUTURE
FACILITY NAME	CITY NAME	COUNTY NAME	POPULATION RECEIVING COLLECTION	POPULATION RECEIVING COLLECTION	FLOW * MILLIONS	DESIGN FLOW OF GALLONS	DESIGN FLOW PER DAY *
CHATHAM STP	CHATHAM	ALGER	243	225	0.029	0.029	0.029
MUNISING STP	MUNISING	ALGER	3,083	3,100	0.779	0.599	0.599
BARAGA STP	BARAGA	BARAGA	1,123	2,050	0.250	0.139	0.139
L'ANSE VILLAGE STP	L'ANSE, VILLAGE OF	BARAGA	2,921	2,830	0.309	0.719	0.719
DETOUR STP	DETOUR VILLAGE	CHIPPEWA	482	811	0.049	0.089	0.089
PICKFORD TWP STP	PICKFORD	CHIPPEWA	626	613	0.049	0.069	0.069
RUDYARD TWP STP	KINCHLOE	CHIPPEWA	855	901	0.049	0.099	0.099
SAULT STE MARIE STP	SAULT STE MARIE	CHIPPEWA	15,000	21,000	3.319	8.000	8.000
BESSEMER STP	BESSEMER	GOGEBIC	2,766	2,845	0.319	0.549	0.500
GOGEBIC-IRON WWA STP	IRONWOOD	GOGEBIC	8,468	8,487	4.000	4.000	4.000
MARENISCO TWP STP	MARENISCO	GOGEBIC	482	482	0.029	0.049	0.049
WAKEFIELD TWP STP	WAKEFIELD	GOGEBIC	2,318	2,173	1.469	0.349	0.349
WATERSMEET TWP	WATERSMEET	GOGEBIC	680	744	0.059	0.059	0.059
ADAMS TWP S. RANGE S.W.A.	SOUTH RANGE	HOUGHTON	745	820	0.229	0.099	0.299
CALUMET LAURIUM STP	CALUMET, LAURIUM	HOUGHTON	5,809	6,839	2.099	2.409	2.409
CALUMET TWP SEPTISMD	KEARSARGE-WOLVERINE	HOUGHTON	520	520	0.029	0.029	0.029
CHASSELL TWP	CHASSELL	HOUGHTON	781	1,037	0.109	0.109	0.109
COPPER CITY STP	COPPER CITY, VILLAGE OF	HOUGHTON	310	310	0.029	0.029	0.029
HUBBELL STP	HUBBELL	HOUGHTON	1,223	1,172	0.109	0.109	0.109
LAKE LINDEN STP	LAKE LINDEN	HOUGHTON	1,418	1,352	0.119	0.119	0.119
PORTAGE LAKE WSA	HOUGHTON	HOUGHTON	6,041	7,368	2.599	1.799	3.000
NEWBERRY STP	NEWBERRY	LUCE	2,120	3,000	0.709	1.000	1.000
GWINN SEWAGE LAGOON	GWINN	MARQUETTE	2,248	2,570	0.439	0.500	0.500
ISHPEMING STP	ISHPEMING	MARQUETTE	8,368	8,641	1.989	2.639	2.639
MARQUETTE WWTP	MARQUETTE	MARQUETTE	25,964	34,721	2.819	5.519	5.519
NEGAUNEE STP	NEGAUNEE	MARQUETTE	5,131	5,050	1.299	1.599	1.599
PALMER STP	PALMER	MARQUETTE	674	725	0.049	0.049	0.089
REPUBLIC TWP STP	REPUBLIC	MARQUETTE	965	1,307	0.099	0.139	0.139
BERGLAND TWP STP	BERGLAND	ONTONAGON	454	586	0.029	0.139	0.139
GREENLAND TWP STP	GREENLAND	ONTONAGON	1,207	1,343	0.119	0.149	0.149
INTERIOR TWP STP	TROUT CREEK	ONTONAGON	597	569	0.069	0.069	0.069
MCMILLAN TWP STP	EWEN	ONTONAGON	817	866	0.079	0.089	0.089
ONTONAGON STP	ONTONAGON	ONTONAGON	2,040	2,050	0.419	0.419	0.364
ROCKLAND STP	ROCKLAND	ONTONAGON	337	337	0.039	0.039	0.039
STANNARD TWP STP	BRUCE CROSSING	ONTONAGON	975	1,071	0.089	0.089	0.089
WHITE PINE STP	WHITE PINE	ONTONAGON	1,606	2,113	0.299	0.299	0.299
<b>TOTAL IN LAKE SUPERIOR BASIN (boldface): 30</b>			<b>103,547</b>	<b>123,701</b>	<b>23.842</b>	<b>31.243</b>	<b>32.540</b>
MICHIGAN TOTAL FACILITIES CURRENTLY IN OPERATION: 389			3,882,749	4,313,201	1,445.84	1,940.97	2,059.37

#### POPULATION SERVED AND FLOWS FOR PUBLICLY OWNED WASTEWATER TREATMENT FACILITIES PLANNED FOR FUTURE

S T A T E: MICHIGAN			FUTURE	FUTURE
FACILITY NAME	CITY NAME	COUNTY NAME	POPULATION RECEIVING COLLECTION	DESIGN FLOW (MGD)
DAFTER TWP LAGOON CS	DAFTER	CHIPPEWA	1,025	0.019
DOLLAR BAY/MASON SEPTIC	DOLLAR BAY	HOUGHTON	1,533	0.299
PORTAGE TWP LAND APP TS	CURTIS	MACKINAC	791	0.079
MICHIGAMME STP	MICHIGAMME	MARQUETTE	509	0.039
<b>TOTAL PLANNED IN LAKE SUPERIOR BASIN (boldface): 2</b>			<b>2,558</b>	<b>0.318</b>
MICHIGAN TOTAL FACILITIES PLANNED FOR FUTURE: 52			91,992	11.089

Source: 1996 Clean Water Needs Survey, U.S. Environmental Protection Agency Office of Wastewater Management ([www.epa.gov/owm/mi.htm](http://www.epa.gov/owm/mi.htm))

Data for Lake Superior Basin counties extracted by GEM Center for Science and Environmental Outreach, Michigan Technological University, July 2000