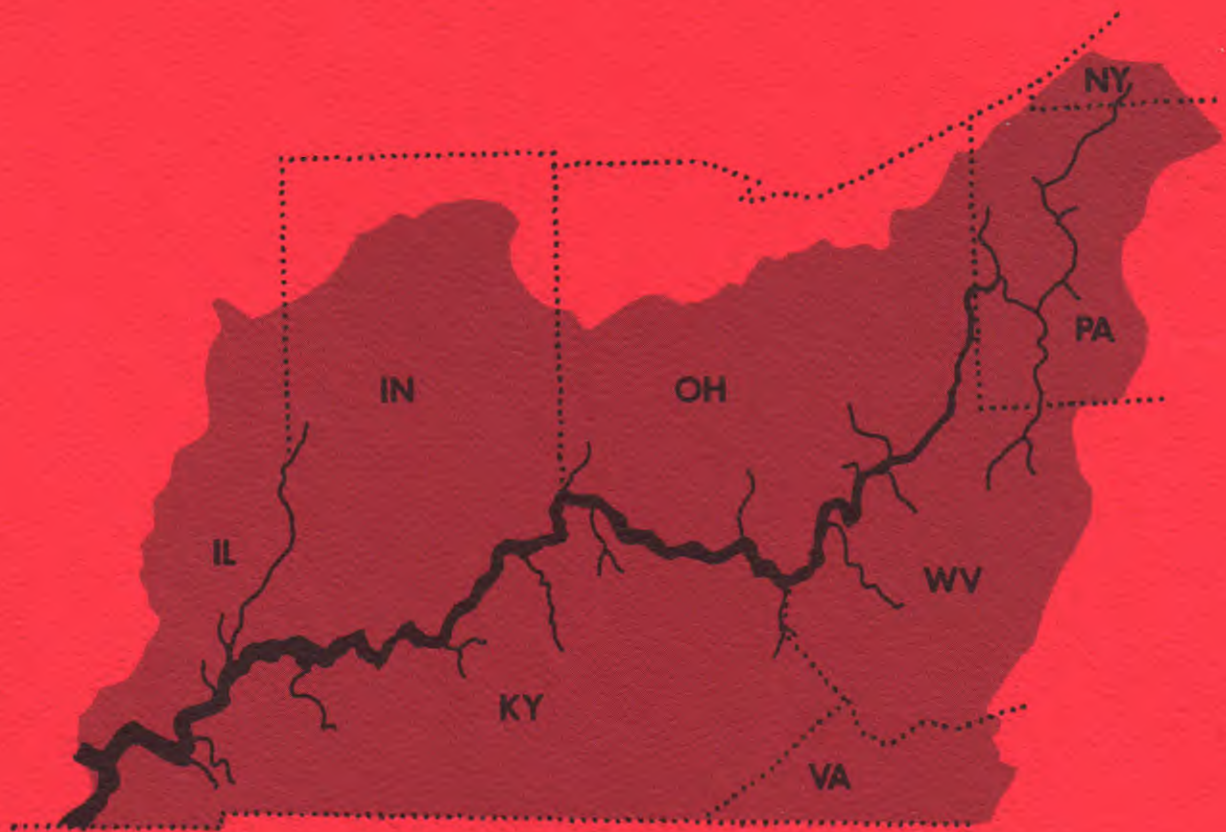


1987 Status of Wastewater Facilities



***Ohio River Valley Water
Sanitation Commission***

Regulatory Agencies of the Signatory States

ILLINOIS

Division of Water Pollution Control
Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

OHIO

Office of Wastewater Pollution Control
Environmental Protection Agency
Post Office Box 1049
Columbus, Ohio 43266-0149

INDIANA

Department of Environmental Management
105 S. Meridian Street
Indianapolis, Indiana 46225

PENNSYLVANIA

Bureau of Water Quality Management
Department of Environmental Resources
Post Office Box 2063
Harrisburg, Pennsylvania 17120

KENTUCKY

Division of Water Quality
Natural Resources and Environmental
Protection Cabinet
18 Reilly Road
Frankfort, Kentucky 40601

VIRGINIA

State Water Control Board
Post Office Box 11143
Richmond, Virginia 23230

NEW YORK

Division of Water
Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233

WEST VIRGINIA

Division of Water Resources
Department of Natural Resources
1201 Greenbrier Street
Charleston, West Virginia 25311

STATUS OF WASTEWATER FACILITIES
IN THE
OHIO RIVER VALLEY WATER SANITATION
COMPACT DISTRICT

1987 UPDATE

OHIO RIVER VALLEY WATER SANITATION COMMISSION
49 East Fourth Street, Suite 815
Cincinnati, Ohio 45202
(513) 421-1151

May 1988

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EXECUTIVE SUMMARY

This report presents the results of a 1987 survey of municipal and industrial wastewater treatment facilities located in the Ohio River Valley Water Sanitation Compact District. The objective of this survey is to provide an inventory and assessment of facilities, including treatment levels provided, need for treatment improvements, status of related construction projects, and status of pretreatment program approval and implementation where applicable. Detailed summaries and analyses of the data are also provided according to state and river basin. Comparisons are made to similar data obtained in 1980, 1983, and 1985.

A total of 1,805 municipal and 598 industrial facilities, existing and proposed, were surveyed. In general, the data show a continuing trend toward more advanced treatment at municipal facilities, as indicated by a larger number of people being served by plants providing secondary level treatment or better. There are fewer municipal and industrial construction projects in study, design or construction in 1987 than in previous years.

A total of 220 surveyed municipal facilities are required to have pretreatment programs. In general, most facilities required by the Clean Water Act to have a pretreatment program have received program approval and have implemented the program satisfactorily.

The following are observations and conclusions revealed by the 1987 Wastewater Facilities Survey and a comparative analysis of similar data from previous surveys.

Municipal Facilities

A total of 1,608 existing municipal facilities were surveyed. This is about equal to the number of facilities surveyed in previous years. These 1,608 municipal facilities serve 14.9 million people.

Of the 1,608 facilities providing treatment in 1987, 1,479, or 92 percent, are providing secondary or better treatment. These 1,479 facilities serve 95 percent of the population in the compact district, or 14,100,000 people. (See Figure S1)

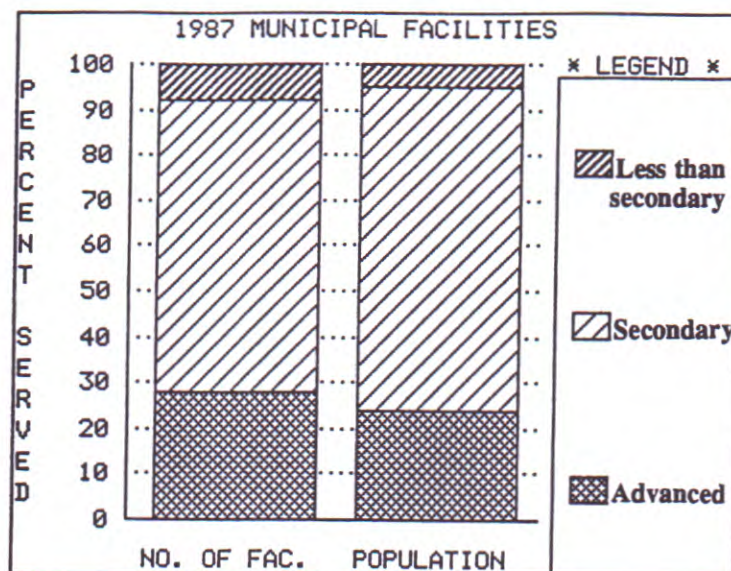


Figure S1

Of the existing facilities surveyed, 580 facilities/36 percent of the total have been identified as needing to increase treatment to secondary, increase treatment to advanced, increase treatment capacity, replace existing plant or build a new plant. (See Figure S2) The largest reported need is for increase in treatment to advanced. Completely new facilities are required for 196 municipalities.

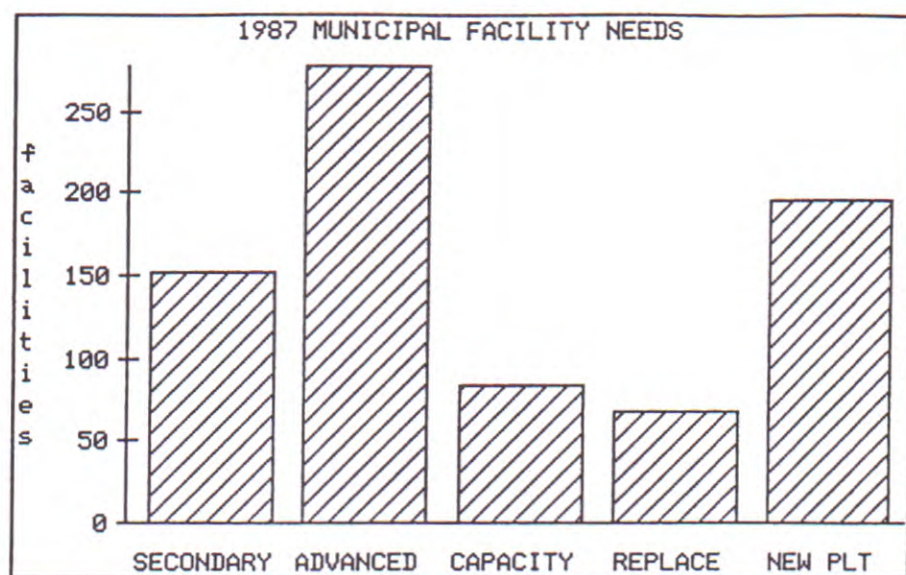


Figure S2

There are 542 municipal facilities that have ongoing projects, in study, design or construction. (See Figure S3) The largest portion of projects are in study, with the smallest portion being in construction.

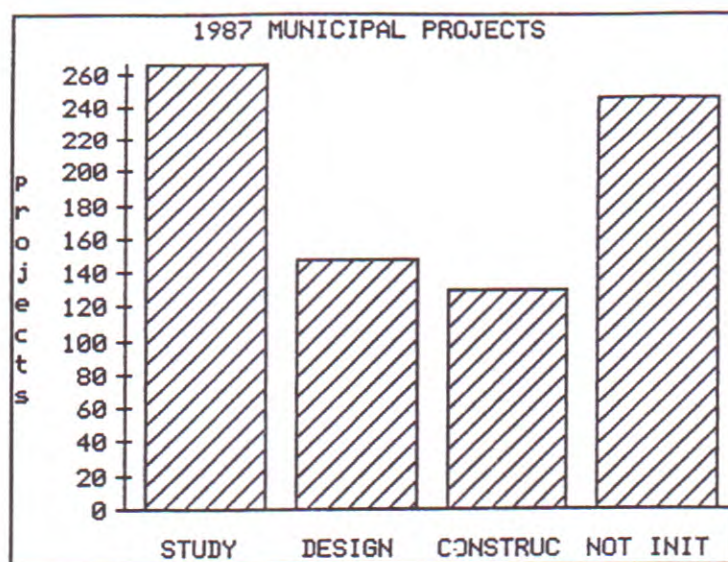


Figure S3

A total of 246 facilities have project needs with studies not yet initiated.

Industrial Facilities

A total of 579 existing industrial facilities were surveyed. This number is 33 facilities less than the number surveyed in 1985.

Of the 579 industrial facilities surveyed, 82 percent have no needs. Needs identified for the remaining 103 industrial facilities are for: increase in treatment and capacity at 90 facilities, increase in capacity at five facilities and replacement of current treatment at eight facilities. No industrial facilities were reported as needing a new plant. (See Figure S4)

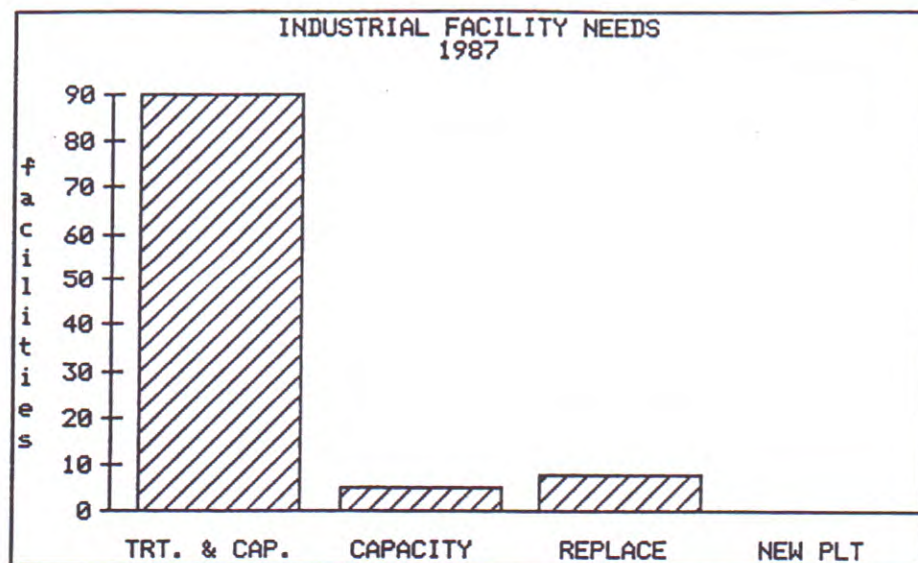


Figure S4

Of the 103 industrial facilities with needs, 52 percent (54 facilities) have projects underway. (See Figure S5)

Twenty-two percent of those projects are under construction and 53 percent have not initiated projects.

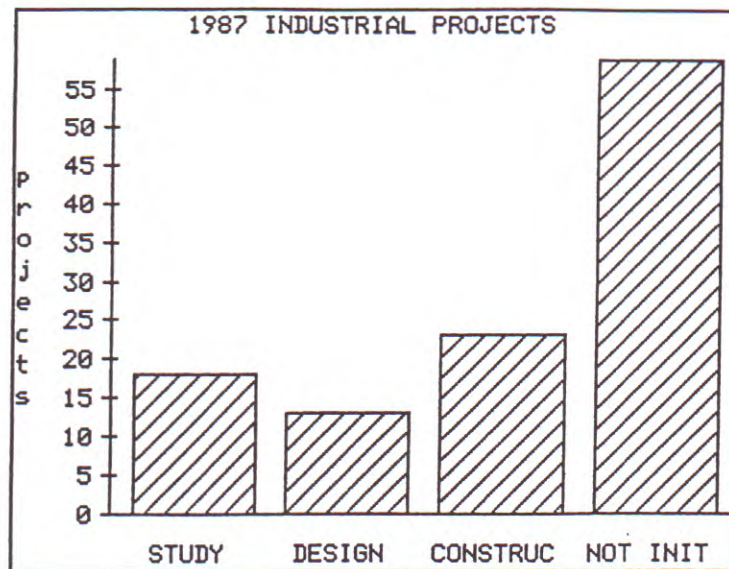


Figure S5

Pretreatment Programs

Of the 1,608 municipal facilities surveyed, 14 percent of the facilities (220) are required by the Clean Water Act to have pretreatment programs. These facilities are generally the larger municipal facilities which provide treatment for 67 percent of the basin population.

Of the required pretreatment programs, 96 percent have been approved (211) and 61 percent have been implemented (129). A comparison by state is shown in Figure S6.

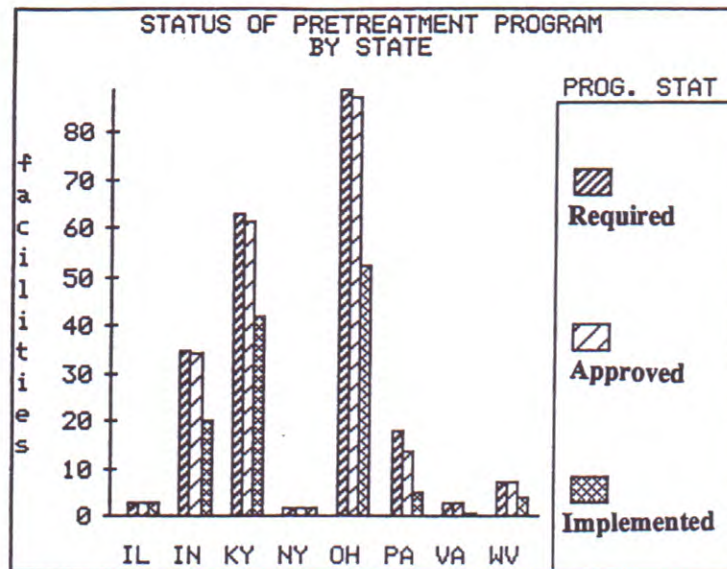


Figure S6

Comparison to Previous Surveys

The number of municipal facilities providing secondary or better treatment has increased since 1980 (See Figure S7). The population served by facilities providing less than secondary has steadily decreased. (See Figure S8)

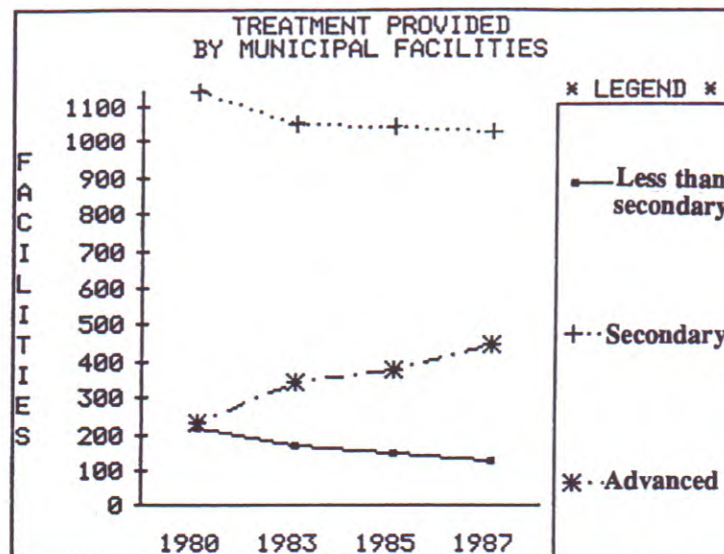


Figure S7

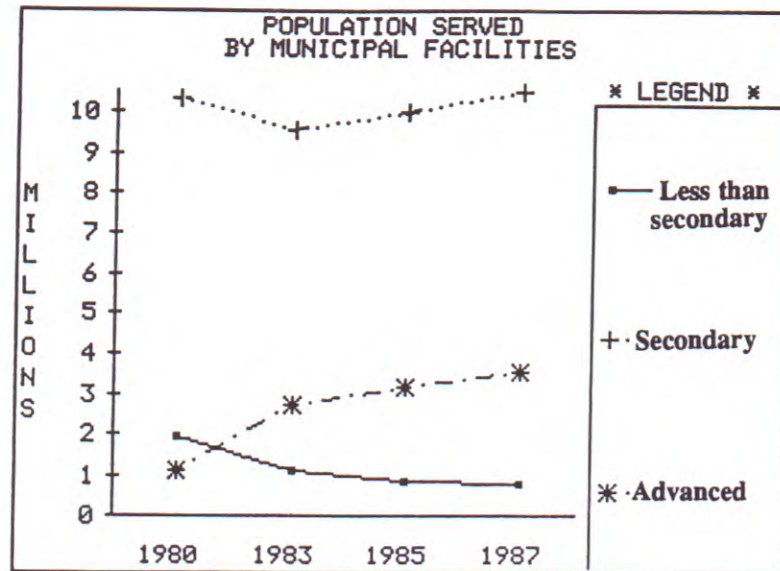


Figure S8

The number of municipal facilities with needs has decreased 34 percent over the seven year survey period, from 874 in 1980 to 580 in 1987 (See Figure S9). The largest decrease has been the need for advanced treatment. This corresponds to the previous figure (Figure S7) which shows more facilities providing advanced treatment.

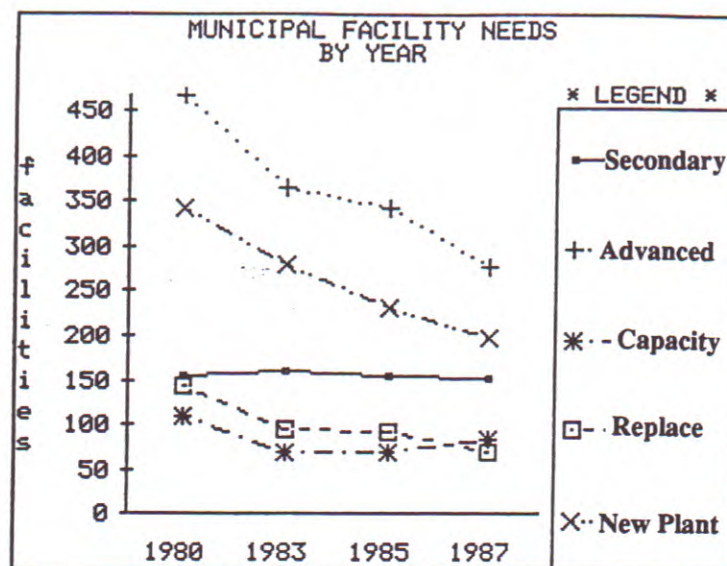


Figure S9

The total number of municipal projects in study, design, and construction has been reduced over the survey period (See Figure S10). In the last two years, design of new municipal facilities has increased by almost 50 percent, to 148 facilities. This is still down 30 percent from 1980 when 209 facilities were in design. The number of municipal facilities under construction has stayed the same over the seven years from 1980 to 1987.

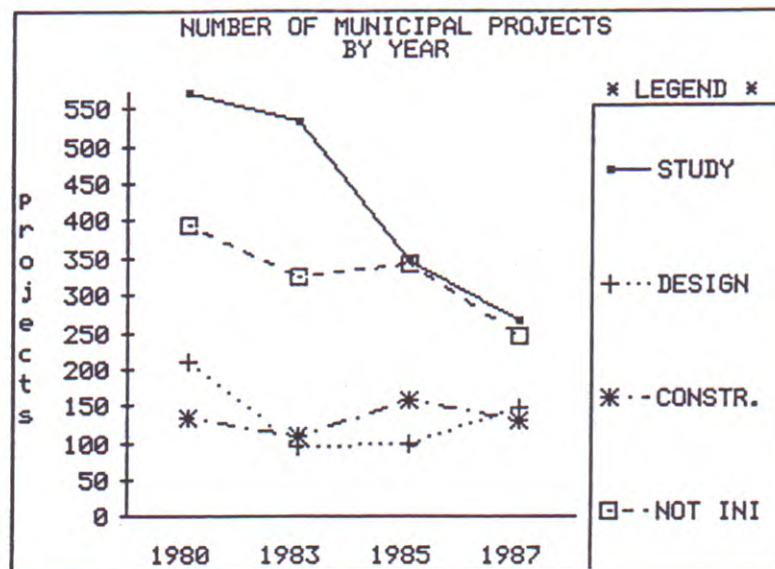


Figure S10

Industrial facility needs and projects are shown graphically in Figures S11 and S12. The number of industrial facilities with needs (103) has decreased 31 percent from 1980 to 1987. The number of industrial projects under study, design or construction has remained the same over the last four years of the survey.

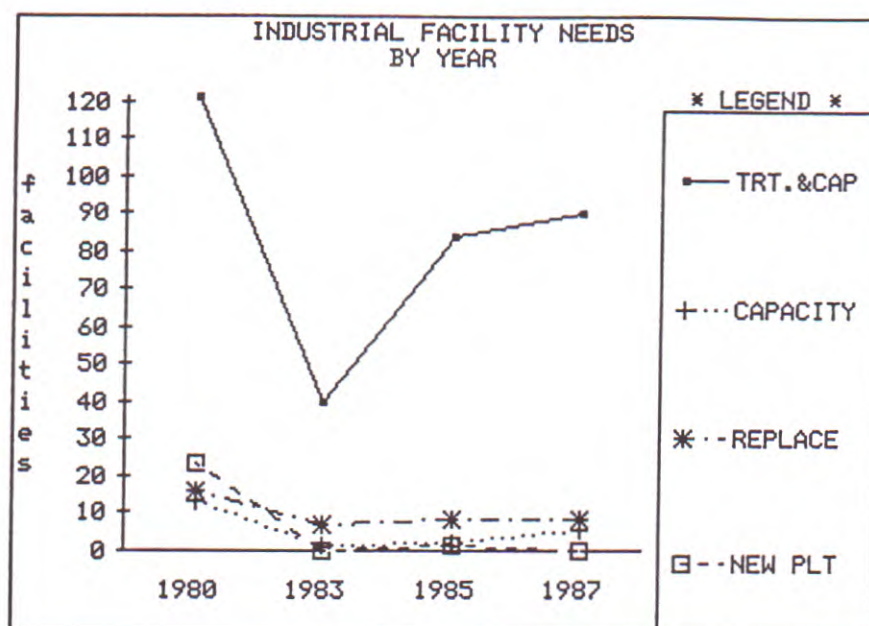


Figure S11

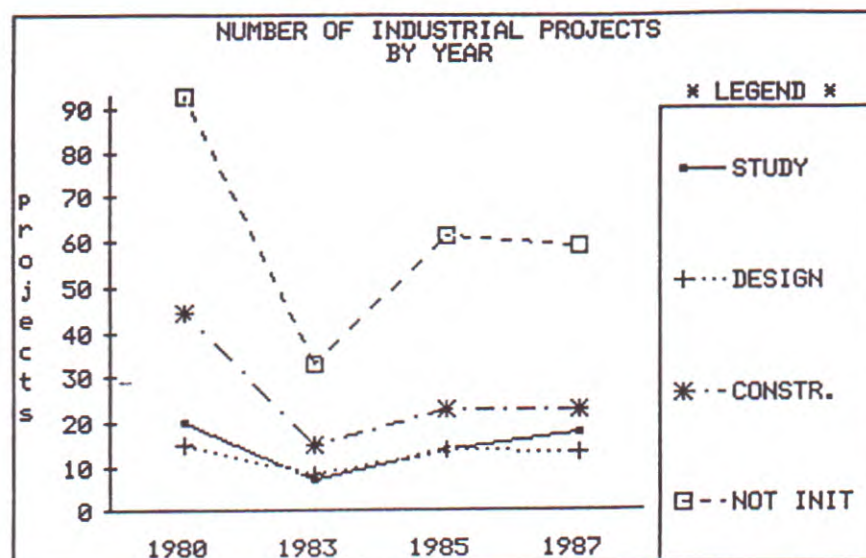


Figure S12

I. INTRODUCTION AND SCOPE

This report presents the results of a biennial survey of the status of wastewater treatment facilities conducted by the Ohio River Valley Water Sanitation Commission. The study area for the survey defined as the Ohio River Valley Water Sanitation Compact District is comprised of the Ohio River Valley drainage discharge basin which lies within the states of Illinois, Indiana, Kentucky, New York, Ohio, Pennsylvania, Virginia, and West Virginia. This survey constitutes one of the Commission's long standing programs. First undertaken in 1951, it has been periodically revised and in its present form since 1980. This report presents the 1987 survey results.

The objectives of this report are to:

1. Report the extent to which the member states are meeting their commitment of..." faithful cooperation in control of future pollution in and abatement of existing pollution from the rivers, streams and waters in the Ohio River basin" as stipulated in Article I of the Ohio River Valley Water Sanitation Compact.
2. Summarize the progress in providing adequate treatment facilities for wastewater discharged to surface waters in the basin, and identify remaining treatment needs.

Information about wastewater treatment facilities include: location (county, state, basin), type of treatment required and provided, need for facility improvements and status of associated improvements. For municipal facilities, number of communities and population served are also included.

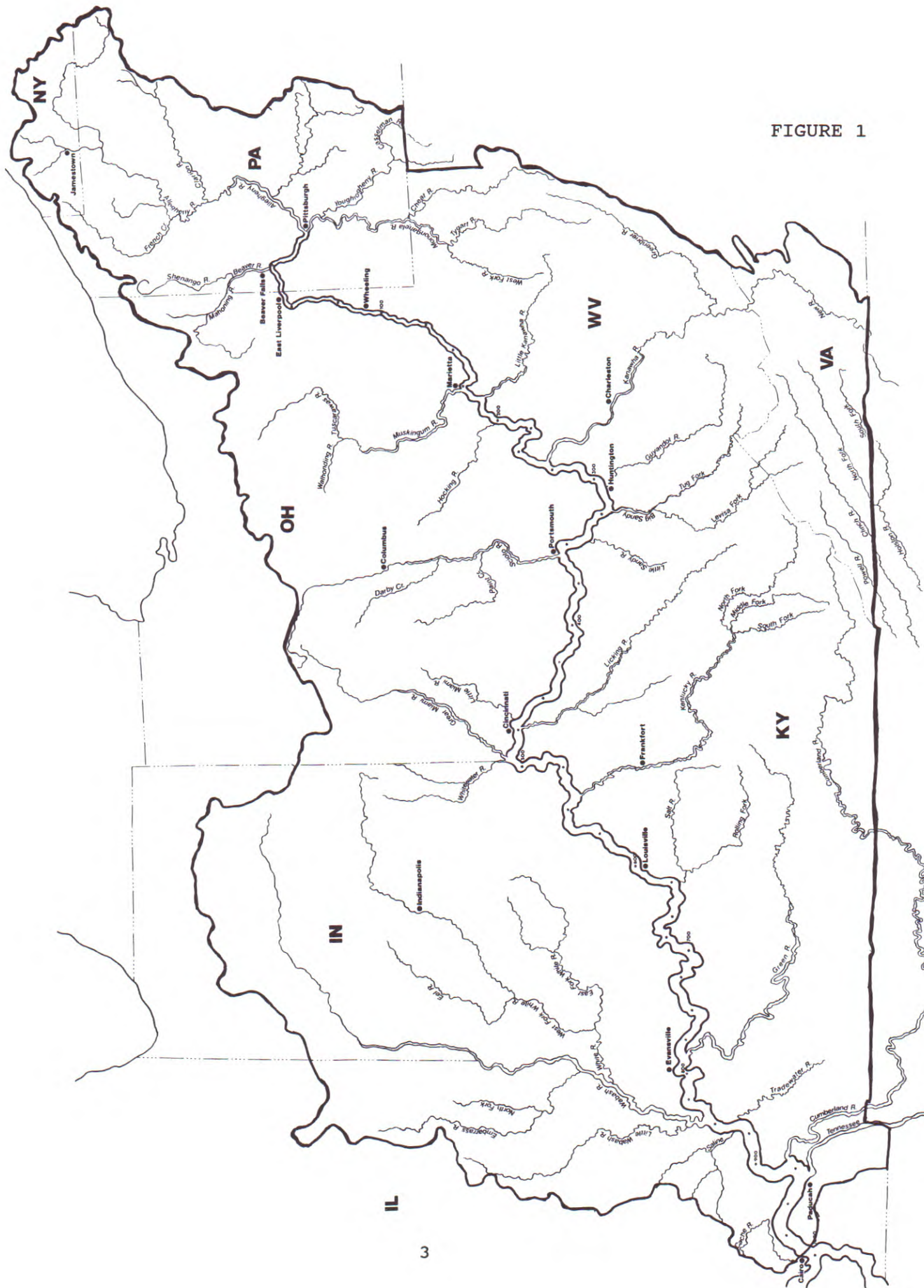
Every two years, and prior to the initiation of this survey, the Commission's Technical Committee, comprising water pollution

control managers from the compact states, U.S. EPA, U.S. Corps of Engineers and U.S. Geological Survey, review and confirm the information to be collected and make recommendations for acquiring additional data. For the 1987 survey report the Technical Committee recommended that information on municipal facility pretreatment programs be included. The pretreatment program is a relatively new program required by the Federal Clean Water Act at selected municipal facilities. The Act defines which municipal facilities require pretreatment programs by the magnitude and nature of their effluent, influent and industrial wastewater contribution. Information obtained in 1987 relative to municipal pretreatment programs included delineation of those facilities for which a pretreatment program is needed, status of program approval and implementation.

Figure 1 is the study area of the survey. Facilities subject to the survey include both municipal and industrial wastewater treatment plants, with the exception of the following:

1. Facilities which do not discharge to surface waters (i.e. underground injection, land application);
2. Privately owned domestic sewage treatment facilities (i.e. mobile home parks, camping facilities) and process discharges from industrial facilities of 40,000 gallons per day or less;
3. Industrial facilities requiring temperature adjustment only (i.e. non-contact cooling water);
4. Industrial facilities supporting the coal industry (i.e. mine drainage, coal preparation).

FIGURE 1



II. DATA COLLECTION METHODS

Survey information was obtained through interviews with state pollution control agency personnel and in some cases, through mailed questionnaires (see Table 1). Commission staff visited the agencies' regional offices and headquarters during the summer of 1987. The 1985 survey data were reviewed and updated; new facilities were added and facilities no longer discharging were deleted.

Appendix A contains a copy of the Instructional Guide and Coding Key Definitions with the data collection form. The Instructional Guide describes each data collection category and the information acceptable for response. The Coding Key Definitions were used in encoding responses into a computerized data base. These data collection forms and coding definitions have remained unchanged since revision of the survey format in 1980.

III. RESULTS

Summaries of the 1987 data were electronically generated and sorted by state and basin (See Appendix B). The data are summarized by facility needs, type of treatment, status of project, and special data (pretreatment). Each summary is divided into existing or new facilities, municipal or industrial where appropriate. Population data are included for municipal facilities.

Results are discussed in the same format as the printed summaries.

TABLE 1
DATA COLLECTION METHODS

STATE -----	FIELD OFFICE (DISTRICT) -----	METHOD OF UPDATE -----
IL	CHAMPAIGN (CENTRAL)	MAIL
	MARION (SOUTH)	STAFF INTERVIEW
IN	INDIANAPOLIS (HOME OFFICE)	STAFF INTERVIEW, MAIL
KY	BOWLING GREEN	STAFF INTERVIEW
	COLUMBIA	MAIL
	FLORENCE	STAFF INTERVIEW
	FRANKFORT	STAFF INTERVIEW
	HAZARD	STAFF INTERVIEW
	LONDON	STAFF INTERVIEW
	MADISONVILLE	STAFF INTERVIEW
	MOREHEAD	STAFF INTERVIEW
	PADUCAH	STAFF INTERVIEW
NY	ALBANY (HOME OFFICE)	MAIL
OH	BOWLING GREEN (NORTHWEST)	STAFF INTERVIEW
	COLUMBUS (CENTRAL)	STAFF INTERVIEW
	DAYTON (SOUTHWEST)	STAFF INTERVIEW
	LOGAN (SOUTHEAST)	STAFF INTERVIEW
	TWINSBURG (NORTHEAST)	STAFF INTERVIEW
PA	MEADVILLE	STAFF INTERVIEW
	PITTSBURGH	STAFF INTERVIEW
VA	ABINGDON	MAIL
	ROANOKE	MAIL
WV	CHARLESTON (HOME OFFICE)	STAFF INTERVIEW

Facility Needs

Facility needs are categorized by (a) new facilities, (b) increase in capacity, (c) increase in treatment, or (d) increase in both capacity and treatment. For municipal facilities, these needs are further divided by treatment requirements, i.e. secondary or tertiary, and estimates of service population are provided.

A summary of municipal facility needs, by state, is presented in Table 2.

Of the total of 1,600 existing facilities surveyed, 580 facilities (36 percent), have needs. The largest reported need is for increase in treatment level to advanced treatment for 278 facilities (17 percent of the total). Complete replacement is needed for 68 facilities. New facilities are needed for 196 municipalities or communities currently providing no treatment.

Industrial facility needs, by state, are presented in Table 3. Of the total of 579 industrial facilities currently providing treatment, 18 percent, or 103 facilities, report having needs. As with municipal facilities, the largest single need is for increased treatment level. Replacement of existing treatment plants is needed at eight industrial facilities.

A summary of existing municipal and industrial treatment facilities with identified needs, by basin, is shown in Table 4. The associated municipal facility service population is also provided. Facilities discharging directly to the Ohio River provide treatment to the largest number of people. The Wabash River sub-basin has the largest number of municipal and industrial facilities. Over 50 percent of the population in eight individual basins -- Little Miami, Hocking, Scioto, Muskingum, Guyandot, Kentucky, Beaver, and Great Miami River basins -- are served by facilities with needs.

TABLE 2

MUNICIPAL WASTEWATER FACILITY NEEDS BY STATE, 1987

EXISTING FACILITIES (1)

	IL	IN	KY	NY	OH	PA	VA	WV	TOTAL
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
INCREASED TREATMENT TO SECONDARY (2)	7	2	27	3	57	22	8	25	151
INCREASED TREATMENT TO ADVANCED (2)	21	29	69	2	123	14	5	15	278
INCREASED IN CAPACITY ONLY	3	13	21	0	25	18	0	3	83
REPLACEMENT	4	0	27	0	19	7	4	7	68
TOTAL OF FACILITIES WITH NEEDS	35	44	144	5	224	61	17	50	580
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NO NEEDS	64	254	199	10	183	169	33	117	1029
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL EXISTING FACILITIES PROVIDING TREATMENT	99	298	343	15	407	230	50	167	1608
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NEW FACILITIES (NO CURRENT TREATMENT)									
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SECONDARY	2	27	4	0	20	26	1	37	117
ADVANCED	1	31	2	0	40	1	0	4	79
TOTAL NEW FACILITIES NEEDED	3	58	6	0	60	27	1	41	196
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

(1) DOES NOT INCLUDE PRIVATELY OWNED FACILITIES DESIGNED FOR TREATING 40,000 GALLONS PER DAY OR LESS

(2) INCLUDES FACILITIES NEEDING ADDITIONAL TREATMENT AND CAPACITY

TABLE 3

INDUSTRIAL WASTEWATER FACILITY NEEDS BY STATE, 1987

	IL	IN	KY	NY	OH	PA	VA	WV	TOTAL
INCREASED TREATMENT ONLY	1	14	1	0	26	19	2	10	73
INCREASED CAPACITY ONLY	0	1	0	0	1	2	0	1	5
INCREASED TREATMENT AND CAPACITY	0	3	0	0	2	8	0	4	17
REPLACEMENT	0	2	0	0	2	3	0	1	8
TOTAL OF FACILITIES WITH NEEDS	1	20	1	0	31	32	2	16	103
NO NEEDS	10	114	62	16	107	110	11	46	476
TOTAL EXISTING FACILITIES	11	134	63	16	138	142	13	62	579
NEW FACILITIES (NO CURRENT TREATMENT)	0	0	3	0	11	3	0	2	19

1. DOES NOT INCLUDE: FACILITIES DESIGNED FOR OR TREATING 40,000 GALLONS PER DAY OR LESS.
 FACILITIES DESIGNED FOR TEMPERATURE ADJUSTMENT ONLY
 FACILITIES DESIGNED FOR THE COAL MINING AND PROCESSING INDUSTRY.

TABLE 4

MUNICIPAL AND INDUSTRIAL WASTEWATER FACILITY NEEDS BY BASIN, 1987

RIVER BASIN	MUNICIPAL				INDUSTRIAL	
	NUMBER OF FACILITIES	POPULATION SERVED	NUMBER OF FACILITIES WITH NEEDS	POPULATION SERVED	NUMBER OF FACILITIES	NUMBER OF FACILITIES WITH NEEDS
ALLEGHENY	113	855293	38	271020	85	14
BIG SANDY	22	54203	8	20990	4	0
BEAVER	73	825173	34	518838	34	13
CUMBERLAND	37	132049	15	34672	5	0
GREEN	38	208866	16	42757	6	0
GUYANDOT	15	41500	8	28900	.	.
HOCKING	11	89869	7	84810	4	0
KANAWHA	92	627869	31	225567	24	7
KENTUCKY	44	373267	17	245956	9	0
LITTLE KANAWHA	10	23948	2	3500	.	.
LITTLE MIAMI	24	197329	21	187753	2	0
LICKING	15	70911	5	18173	2	0
GREAT MIAMI	67	1116764	42	594717	20	3
OHIO RIVER MINOR TRIBUTARIES	188	577983	77	177936	21	4
MONONGAHELA	98	889210	18	180620	46	8
MUSKINGUM	137	769867	62	566188	49	9
OHIO DIRECT	126	4518355	36	1849951	114	21
SALT	90	236245	44	85105	4	0
SCIOTO	64	982472	31	795738	19	7
TENNESSEE*	32	83561	10	19946	10	0
WABASH	313	2243315	58	241580	121	17

*INCLUDES FACILITIES IN COMPACT DISTRICT ONLY

Type of Treatment

The type of treatment provided at existing facilities is summarized by facilities providing (a) no treatment, (b) less than reliable secondary treatment, (c) reliable secondary, (d) tertiary treatment, (e) nonconventional treatment meeting requirements, or (f) nonconventional treatment not meeting requirements. The last two categories are generally used for industrial facilities.

Table 5 is a summary, by state, of levels of treatment provided for industrial and municipal plants, and associated service population of municipal facilities. Nearly fifteen million people are served by 1,608 existing municipal wastewater treatment facilities in the basin. Ninety-five percent of the people in the basin are served by facilities providing secondary treatment or better. There are 196 communities, with a total population of almost 400,000, currently providing no central treatment.

Sixty-eight percent of the 579 existing industrial facilities in the basin are meeting wastewater treatment requirements with nonconventional treatment. Nineteen industrial facilities in the basin are currently providing no treatment.

Table 6 is a summary by basin of municipal treatment at existing facilities and associated service populations. The Kanawha and Monongahela are the two sub-basins with the largest population being served by plants providing less than secondary level treatment. All facilities in the Little Kanawha sub-basin provide secondary treatment or better. The Wabash sub-basin has the largest population served by advanced treatment facilities.

Status of Project

Summaries of the status of wastewater facility projects are presented for each existing and proposed facility subject to

TABLE 5

LEVELS OF PHYSICAL TREATMENT UNITS PROVIDED
AND ASSOCIATED SERVICE POPULATIONS
BY STATE, 1987

MUNICIPAL FACILITIES

	IL	IN	KY	NY	OH	PA	VA	WV	TOTALS
LESS THEN SECONDARY POPULATION	12 23516	5 8090	18 64407	3 4990	35 398916	14 178364	15 39726	27 103472	129 821481
SECONDARY POPULATION	33 104025	149 871759	245 1531801	9 51250	247 3957320	194 2885922	31 96374	125 1038922	1033 10537373
ADVANCED POPULATION	54 268980	144 1399148	80 373126	3 50743	124 1088565	22 240885	4 34850	15 100378	446 3556675
TOTAL POPULATION	99 396521	298 2278997	343 1969334	15 106983	406 5444801	230 3305171	50 170950	167 1242772	1608 14915529
NO TREATM. PROVIDED POPULATION	3 7303	58 39001	6 160264	0 0	60 49245	27 38254	1 500	41 105339	196 399906

INDUSTRIAL FACILITIES

NONCONVENTIONAL MEETING LIMITS	8	112	53	16	95	97	9	2	392
NONCONVENTIONAL NOT MEETING LIMITS	1	17	1	0	27	22	2	3	73
CONVENTIONAL TREATMENT	2	5	9	0	16	23	2	57	114
NO TREATMENT	0	0	3	0	11	3	0	2	19

TABLE 6

LEVELS OF TREATMENT PROVIDED AT EXISTING MUNICIPAL FACILITIES BY BASIN
AND ASSOCIATED SERVICE POPULATIONS, 1987

RIVER BASIN	LESS THAN SECONDARY		SECONDARY		BETTER THAN SECONDARY	
	NO. OF FACILITIES	POPULATION	NO. OF FACILITIES	POPULATION	NO. OF FACILITIES	POPULATION
ALLEGHENY	9	114294	97	600601	7	140398
BIG SANDY	5	13270	17	40933	0	0
BEAVER	11	280480	41	453092	20	89081
CUMBERLAND	4	19040	24	62157	9	50852
GREEN	4	10400	24	134942	10	63524
GUYANDOT	4	22300	9	14920	2	4280
HOCKING	1	4920	10	84949	0	0
KANAWHA	18	50087	64	477762	10	100020
KENTUCKY	1	769	33	293128	10	79370
LITTLE KANAWHA	0	0	9	17248	1	6700
LITTLE MIAMI	2	4430	16	145713	6	47186
LICKING	1	13400	11	38861	3	18650
MIAMI	1	15900	44	599237	22	501627
MINOR TRIBUTARY	11	28395	111	315871	66	233717
MONONGAHELA	8	66670	82	789742	8	32798
MUSKINGUM	11	47146	72	356020	54	366701
OHIO	20	102015	106	4416340	0	0
SALT	1	977	67	175518	22	59750
SCIOTO	2	2080	36	823478	26	156914
TENNESSEE*	6	11083	21	39958	5	32520
WABASH	9	13825	139	656903	165	1572587

*INCLUDES FACILITIES IN COMPACT DISTRICT ONLY

the survey. Project status was determined as: (1) not required; (2) no action initiated by owner; (3) action initiated; (4) in study; (5) in design; (6) in construction; or (7) construction completed since last update, facility in operation.

Due to the pending termination of the Federal Construction Grants Program, the definitions of the above categories have changed. For example, municipal facilities with needs, placed under a time schedule to achieve secondary treatment requirements by July 1, 1988, are categorized as "action initiated". In previous years that category was reserved for situations where a grant had been applied for but the monies had not been awarded.

A summary of the status of municipal and industrial wastewater facilities' projects, by state, is presented in Table 7. For the municipal facilities with needs, 68 percent are in study, design or construction. There are 250 municipal projects currently under study. The State of Ohio has the most facility projects ongoing, followed by Indiana and West Virginia.

Only 47 percent of the needed industrial projects are in study, design or construction. The largest portion of those are projects under construction at 23 industrial facilities. The low percentage of industrial projects in study, design or construction may be attributed to a refocusing of industrial permits priorities. New industrial permits are addressing waste streams that were previously unpermitted or pollutants previously unregulated (i.e. specific toxics and storm water runoff).

Special Data for 1987 - Status of Municipal Pretreatment Programs

For the 1987 update, information concerning municipal facilities required to have an industrial pretreatment program,

TABLE 7

STATUS OF WASTEWATER FACILITY PROJECTS BY STATE, 1987

MUNICIPAL FACILITIES

	IL	IN	KY	NY	OH	PA	VA	WV	TOTAL
STUDIES	14	63	30	0	74	35	1	33	250
DESIGN	5	15	22	2	55	7	11	28	145
CONSTRUCTION	17	5	18	2	60	8	4	14	128
TOTAL	36	83	70	4	189	50	16	75	523
PROJECTS NEEDED-STUDIES NOT INITIATED	2	19	76	0	91	38	2	15	243

INDUSTRIAL FACILITIES

	IL	IN	KY	NY	OH	PA	VA	WV	TOTAL
STUDIES	1	0	0	0	3	13	1	0	18
DESIGN	0	3	3	0	4	2	0	1	13
CONSTRUCTION	0	6	1	0	10	4	1	1	23
TOTAL	1	9	4	0	17	19	2	2	54
PROJECTS NEEDED-STUDIES NOT INITIATED	0	10	0	0	21	15	0	14	60

status of program approval and status of program implementation has been included. Pretreatment program requirements for each municipal facility in the basin were defined as: required; not required or unknown. At municipal facilities where a pretreatment program is necessary, the status of the program was determined to be: (a) no action taken; (b) submittal under initial preparation; (c) under state/EPA review; (d) approved; or (e) unknown. Program implementation was rated as: (a) satisfactory; (b) marginal; (c) unsatisfactory; or (d) unknown for each required program.

A summary of the status of pretreatment programs, by state, is shown in Table 8. This summary also includes population data. Fourteen percent of the total number of facilities in the basin are required to have pretreatment programs. These serve 67 percent of the total population. Of the required programs, 96 percent have been approved and 67 percent have been implemented.

IV. COMPARISON TO PREVIOUS SURVEYS

A comparison of the 1987 survey data to similar data collected in previous surveys has been completed to define trends in wastewater treatment for the Compact District. Yearly comparisons have been made of facility needs, level of treatment provided and phase of projects.

The number of municipal facilities surveyed has decreased over the survey period. This decrease could possibly be explained by the building of regional municipal wastewater plants, resulting in the closing of smaller plants. Although the number of municipal facilities surveyed has decreased, the population served has increased from 13.36 million people in 1980 to 14.92 million people in 1987. The number of industrial facilities in the basin has also decreased. This might be

TABLE 8

STATUS OF MUNICIPAL PRETREATMENT PROGRAMS - 1987

STATE	FACILITIES NOT REQUIRED TO HAVE PRETREATMENT PROGRAM		FACILITIES REQUIRED TO HAVE PRETREATMENT PROGRAM		PRETREATMENT PROGRAM APPROVED		PRETREATMENT PROGRAM IMPLEMENTED SATISFACTORILY	
	NO. OF FACILITIES	TRIBUTARY POPULATION	NO. OF FACILITIES	TRIBUTARY POPULATION	NO. OF FACILITIES	TRIBUTARY POPULATION	NO. OF FACILITIES	TRIBUTARY POPULATION
IN	99	268624	3	135200	3	135200	3	135200
IL	321	717477	35	1600521	34	1563421	20	1215561
KY	287	594852	63	1531583	61	1531583	42	1302452
NY	13	41543	2	65440	2	65440	2	65440
OH	374	1033773	89	4448903	87	4398903	52	1987650
PA	239	1412027	18	1931398	14	1711322	5	1281350
VA	48	136290	3	35160	3	35160	1	27650
WV	201	908801	7	439310	7	439310	4	230000
TOTAL	1582	5113387	220	10191135	211	8348756	129	6353303

explained by a larger number of industries discharging waste to municipal facilities and no longer operating independent industrial waste treatment facilities. Also in the reduction in industrial activity in general.

Facility Needs

Municipal and industrial facility needs have decreased over the survey period reflecting the completion of construction of new treatment facilities (Table 9). In 1980, 874 municipal and 150 industrial facilities were reported as needing projects to increase treatment and/or capacity or for complete replacement. In 1987, those numbers have decreased to 580 municipal and 103 industrial facilities. The municipal facilities with needs to increase to advanced treatment shows the largest decrease over the study period, from 468 facilities with identified need in 1980 to 278 facilities in 1987. This decrease in needs is associated with the completion of new advanced treatment facilities.

Type of Treatment

The type of municipal wastewater treatment facilities in the basin has changed to reflect the compact goals; more facilities are providing secondary or better treatment (Table 10). The number of municipal facilities now providing better than secondary treatment has increased from 235 in 1980 to 446 in 1987. This has been a steady increase as shown by the data presented for 1983 and 1985. The population served by less than secondary has decreased by over one million people during the 1980 to 1987 period, while at the same time the number of people served by secondary treatment or better has increased by 3.7 million (10.4 million in 1980 to 14.1 million in 1987).

Status of Project

A summary of the status of municipal and industrial projects for each survey update since 1980 is presented in Table 11.

TABLE 9

MUNICIPAL AND INDUSTRIAL WASTEWATER FACILITY NEEDS BY YEAR - 1980-1987

	NUMBER OF FACILITIES			
	1987	1985	1983	1980
MUNICIPAL FACILITIES	-----	-----	-----	-----
NEEDS - EXISTING PLANTS;				
INCREASE TREATMENT	151	156	160	154
TO SECONDARY				
INCREASE TREATMENT	278	343	366	468
TO ADVANCED				
INCREASE IN CAPACITY	83	69	69	109
ONLY				
REPLACEMENT'	68	91	96	143
	----	----	----	----
TOTAL FACILITIES	580	659	691	874
WITH NEEDS				
NO NEEDS IDENTIFIED	1029	918	881	721
NEEDS - NEW PLANTS:	196	232	280	343
	----	----	----	----
TOTAL FACILITIES SURVEYED	1805	1809	1852	1938
INDUSTRIAL FACILITIES	-----	-----	-----	-----
NEEDS - EXISTING PLANTS:				
INCREASE TREATMENT OR				
INCREASE TREATMENT				
AND CAPACITY	90	84	40	121
INCREASE CAPACITY	5	2	1	13
REPLACEMENT	8	8	7	16
	----	----	----	----
TOTAL FACILITIES	103	94	48	150
WITH NEEDS				
NO NEEDS IDENTIFIED	476	518	610	626
NEEDS - NEW PLANTS	19	1	0	23
	----	----	----	----
TOTAL FACILITIES SURVEYED	598	613	658	799

TABLE 10
LEVELS OF TREATMENT PROVIDED BY MUNICIPAL FACILITIES
AND TRIBUTARY POPULATIONS BY YEAR
1980-1987

	NUMBER OF FACILITIES -----			
LEVEL OF TREATMENT -----	1987 ----	1985 ----	1983 ----	1980 ----
LESS THAN FULL SECONDARY	129	152	173	215
SECONDARY	1033	1045	1053	1145
ADVANCED	446	376	345	235
	----	----	----	----
TOTAL	1608	1573	1571	1595

	TRIBUTARY POPULATION (MILLIONS) -----			
LEVEL OF TREATMENT -----	1987 ----	1985 ----	1983 ----	1980 ----
LESS THAN FULL SECONDARY	0.82	0.86	1.14	1.96
SECONDARY	10.54	9.98	9.54	10.30
ADVANCED	3.56	3.17	2.70	1.10
	-----	-----	-----	-----
TOTAL	14.92	14.01	13.38	13.36

TABLE 11
STATUS OF MUNICIPAL AND INDUSTRIAL FACILITY PROJECTS
1980-1987

PHASE OF PROJECT -----	NUMBER OF FACILITIES -----			
	1987 ----	1985 ----	1983 ----	1980 ----
MUNICIPAL FACILITIES				
STUDIES (STEP 1)	265	345	532	573
DESIGN (STEP 2)	148	99	94	209
CONSTRUCTION (STEP 3)	129	157	110	135
	----	----	----	----
TOTAL	542	601	736	917
PROJECT NEEDED - STUDIES NOT INITIATED	246	341	325	395
INDUSTRIAL FACILITIES				
STUDIES	18	14	7	20
DESIGN	13	14	8	15
CONSTRUCTION	23	23	15	44
	----	----	----	----
TOTAL	54	51	30	79
PROJECT NEEDED - STUDIES NOT INITIATED	59	61	33	93

There are fewer ongoing projects in the basin today as compared to 1980. The number of projects needed with studies not initiated has also decreased for both municipal and industrial facilities.

Although the number of municipal projects in construction has remained about the same (135 in 1980 and 129 in 1987), the number of municipal facilities in study or design has decreased (782 in 1980 to 413 in 1987). The status of industrial projects in study and design has remained about the same (35 in 1980 to 31 in 1987); however, the number of industrial projects under construction has decreased by 25.

APPENDIX A

1. Data Report Form
2. Instructional Guide and Coding Key Definitions
3. Survey Data Summaries by State
4. Survey Data Summaries by Basin

PAGE _____

R

STATE _____

LOCAL BASIN

MAJOR BASIN

THE FACILITY

[illegible]

INSTRUCTIONAL GUIDE AND CODING KEY DEFINITIONS

General Instructions

1. Two sets of lists are enclosed. To indicate revisions, please add or change numbers in appropriate columns (in pencil or pen) to update the information (as of mid-year 1987). New community or industrial entries may be added at the bottom of the appropriate local basin listing.
2. Privately owned domestic facilities (such as mobile home parks, residences, state and federally owned facilities) and industrial facilities, less than 40,000 gal/day should be omitted.

Coding Key

<u>Data Item</u>	<u>Code</u>	<u>Entry</u>	<u>Remarks</u>
Type Facility	D I	Domestic Industrial	Facility should be classified according to the nature of the owner. A facility treating primarily domestic wastes should be classified as industrial if it is industrially owned. A facility treating primarily industrial wastes should be classified as domestic if it is publicly owned.
Name of			15 characters or less
- Plant			Name of the plant or the subordinate
- Tributary community			community (where a plant services more
- Plant owner			than one community) or the owner of a
			facility (when a community or owner has
			more than one facility).
State or NPDES ID			<u>Optional</u> entry at the state's discretion.
County			Three-digit code for county location.
Local Basin			Two-digit code for the local basin location of a facility. This column is printed if the overall listing is arranged by county or by alphabet only. Enter this column if your printout is <u>not</u> arranged by local basin.

Treatment Provided	0	None	This item described the level of treatment currently provided. Codes 6 & 7 generally pertain to industrial facilities (where the type of treatment cannot be conventionally described).
	1	Primary or less	
	2	Intermediate	
	3	Secondary	
	4	Tertiary	
	5	Closed system	
	6	Non-conventional, meets requirements	
	7	Non-conventional, does not meet requirements	

Treatment Facility Required	0	None	The level of treatment which is needed for a facility is entered in this column. In some instances, particularly where a facility is under study, a best guess may be appropriate. Items 5 & 6 generally pertain to industrial facilities.
	1	Primary or less	
	2	Intermediate	
	3	Secondary	
	4	Tertiary	
	5	Closed system	
	6	Non-conventional	

Facility Needs	0	None	This item is intended to summarize the overall facility needs. Enter "0" if no work is necessary, or if a moderate amount of renovation is indicated that does not change the level of treatment. In the case where a facility needs extensive renovations it can be considered as a new facility (entry "1"). A judgment call may be necessary in some instances.
	1	New Facility	
	2	Increase capacity	
	3	Increase treatment level	
	4	Increase capacity and level of treatment	

Phase of Improvements	0	None required	If "Facility Needs" has been identified, but no action has been taken by the owner, enter "1"; if initial actions have been taken (for example, a municipal facility owner has applied for a Step 1 grant, but there has been no award as yet), enter "2". A municipal facility awaiting a Step 2 or 3 grant should be indicated as in Step 1 (entry "3") or Step 2 (entry "4"), respectively. Enter "6" where facility has initiated new treatment units since last update.
	1	No action	
	2	Action initiated	
	3	In study (Step 1)	
	4	In design (Step 2)	
	5	In construction (Step 3)	
	6	Construction recently completed, in operation	

Number of Muni-
cipalities and/or
Entities served

Enter the total number of communities
(separate political entities) served
by the facility.

Entity or Facility
Providing Treatment

If the entry under "Name of: Plant;
Tributary Community; Plant Owner" is a
tributary community, then the name of
the regional plant is entered here.
In the case where the entry under
"name of ..." is a plant and it is one
of several owned by an entity, enter
here that entity which owns this
facility.

Plant or Tributary
Community Population

Enter the estimated population
tributary to the facility (or
tributary community) as indicated in
column titled "Name of ...".

Pretreatment Special Survey

<u>Data Type</u>	<u>Data Entry Code</u>	<u>Description</u>
Pretreatment program needed	0	Not required
	1	Required
	2	Unknown
Status of program approval	0	No program required
	1	No action
	2	Program submitted, under initial preparation
	3	State/EPA review or modification required
	4	Program approved
	5	Unknown
Status of program implementation	0	Not required
	1	Satisfactory
	2	Marginal
	3	Unsatisfactory
	4	Unknown

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	99	396521	11
NO IDENTIFIED NEEDS	64	283533	10
IMPROVEMENTS NEEDED	35	112988	1
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	20	59206	1
1. UPGRADE TO SECONDARY TREATMENT	5	3243	0
SECONDARY UPGRADES UNDER CONSTRUCTION	2	613	0
2. UPGRADE TO TERTIARY TREATMENT	15	55963	1
TERTIARY UPGRADES UNDER CONSTRUCTION	4	31791	0
B. FACILITIES NEEDING INCREASED CAPACITY	3	7346	0
1. FACILITIES WITH SECONDARY TREATMENT	1	960	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	960	0
2. FACILITIES WITH TERTIARY TREATMENT	2	6386	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	5408	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	8	35733	0
1. UPGRADE TO SECONDARY + EXPANSION	2	8612	0
PROJECTS UNDER CONSTRUCTION	2	8612	0
2. UPGRADE TO TERTIARY + EXPANSION	6	27121	0
PROJECTS UNDER CONSTRUCTION	3	14790	0
D. FACILITIES NEEDING REPLACEMENT	4	10703	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	4	10703	0
REPLACEMENTS UNDER CONSTRUCTION	2	7208	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	3	7303	0
A. SECONDARY TREATMENT REQUIRED	2	7011	0
NEW FACILITIES UNDER CONSTRUCTION	1	5931	0
B. TERTIARY TREATMENT REQUIRED	1	292	0
NEW FACILITIES UNDER CONSTRUCTION	1	292	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	3	7303	0
LESS THAN RELIABLE SECONDARY TREATMENT	12	23516	0
RELIABLE SECONDARY TREATMENT	33	104025	1
TERTIARY TREATMENT	54	268980	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	8
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	1

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	58	259798	10
NO ACTION INITIATED	1	1040	0
ACTION INITIATED	1	535	0
STEP ONE (STUDY)	14	34651	1
STEP TWO (DESIGN)	5	8460	0
STEP THREE (CONSTRUCTION)	19	82525	0
CONSTRUCTION COMPLETE SINCE LAST UPDATE	4	16815	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	99	268624
.NEEDED	3	135200
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	3	135200
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	3	135200
.MARGINAL	0	0
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	298	2278998	134
NO IDENTIFIED NEEDS	254	2093386	114
IMPROVEMENTS NEEDED	44	185612	20
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	29	141821	14
1. UPGRADE TO SECONDARY TREATMENT	1	2240	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	28	139581	12
TERTIARY UPGRADES UNDER CONSTRUCTION	3	82680	1
B. FACILITIES NEEDING INCREASED CAPACITY	13	41025	1
1. FACILITIES WITH SECONDARY TREATMENT	10	37125	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	1	1040	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	2	2766	3
1. UPGRADE TO SECONDARY + EXPANSION	1	2070	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	1	696	3
PROJECTS UNDER CONSTRUCTION	0	0	2
D. FACILITIES NEEDING REPLACEMENT	0	0	2
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	58	39001	0
A. SECONDARY TREATMENT REQUIRED	27	21231	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	31	17770	0
NEW FACILITIES UNDER CONSTRUCTION	2	1404	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	58	39001	0
LESS THAN RELIABLE SECONDARY TREATMENT	5	8090	0
RELIABLE SECONDARY TREATMENT	149	871760	2
TERTIARY TREATMENT	144	1399148	3
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	112
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	17

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	222	1991239	111
NO ACTION INITIATED	18	12339	5
ACTION INITIATED	1	2070	5
STEP ONE (STUDY)	63	86903	0
STEP TWO (DESIGN)	15	39217	3
STEP THREE (CONSTRUCTION)	5	84084	6
CONSTRUCTION COMPLETE SINCE LAST UPDATE	32	102147	4

SPECIAL DATA SUMMARY -----	MUNICIPAL FACILITIES -----	POPULATION -----
A. PROGRAM NEEDS:		
.NOT NEEDED	321	717477
.NEEDED	35	1600521
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	1	37100
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	34	1563421
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	20	1215561
.MARGINAL	5	180040
.UNSATISFACTORY	9	167820
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	343	1969335	63
NO IDENTIFIED NEEDS	199	1056361	62
IMPROVEMENTS NEEDED	144	912974	1
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	71	485767	1
1. UPGRADE TO SECONDARY TREATMENT	16	385727	0
SECONDARY UPGRADES UNDER CONSTRUCTION	3	362459	0
2. UPGRADE TO TERTIARY TREATMENT	55	100040	1
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	1
B. FACILITIES NEEDING INCREASED CAPACITY	21	272430	0
1. FACILITIES WITH SECONDARY TREATMENT	20	218430	0
EXPANSION PROJECTS UNDER CONSTRUCTION	3	152780	0
2. FACILITIES WITH TERTIARY TREATMENT	1	54000	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	54000	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	25	67947	0
1. UPGRADE TO SECONDARY + EXPANSION	11	25942	0
PROJECTS UNDER CONSTRUCTION	2	4975	0
2. UPGRADE TO TERTIARY + EXPANSION	14	42005	0
PROJECTS UNDER CONSTRUCTION	1	5537	0
D. FACILITIES NEEDING REPLACEMENT	27	86830	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	26	78950	0
REPLACEMENTS UNDER CONSTRUCTION	7	28960	0
2. CURRENTLY WITH TERTIARY TREATMENT	1	7880	0
REPLACEMENTS UNDER CONSTRUCTION	1	7880	0
II. NEW FACILITIES			
TOTAL	6	160264	3
A. SECONDARY TREATMENT REQUIRED	4	158540	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	2	1724	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			3
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	6	160264	3
LESS THAN RELIABLE SECONDARY TREATMENT	18	64407	0
RELIABLE SECONDARY TREATMENT	245	1531802	3
TERTIARY TREATMENT	80	373126	6
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	53
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	1

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	162	861671	60
NO ACTION INITIATED	69	128784	0
ACTION INITIATED	8	13644	0
STEP ONE (STUDY)	42	172601	0
STEP TWO (DESIGN)	23	227477	3
STEP THREE (CONSTRUCTION)	18	616591	1
CONSTRUCTION COMPLETE SINCE LAST UPDATE	27	108831	2

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	32	50507
.NEEDED	13	326110
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	13	326110
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	12	310610
.MARGINAL	0	0
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	15	106983	16
NO IDENTIFIED NEEDS	10	57653	16
IMPROVEMENTS NEEDED	5	49330	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	0	0	0
1. UPGRADE TO SECONDARY TREATMENT	0	0	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	0	0	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	0	0	0
1. FACILITIES WITH SECONDARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	5	49330	0
1. UPGRADE TO SECONDARY + EXPANSION	3	4990	0
PROJECTS UNDER CONSTRUCTION	2	3590	0
2. UPGRADE TO TERTIARY + EXPANSION	2	44340	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	0	0	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	0	0	0
A. SECONDARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	0	0	0
LESS THAN RELIABLE SECONDARY TREATMENT	3	4990	0
RELIABLE SECONDARY TREATMENT	9	51250	0
TERTIARY TREATMENT	3	50743	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	16
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	11	99993	16
NO ACTION INITIATED	0	0	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	0	0	0
STEP TWO (DESIGN)	2	3400	0
STEP THREE (CONSTRUCTION)	2	3590	0
CONSTRUCTION COMPLETE SINCE LAST UPDATE	0	0	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	13	41543
.NEEDED	2	65440
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	2	65440
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	2	65440
.MARGINAL	0	0
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	407	5447322	138
NO IDENTIFIED NEEDS	183	1452942	107
IMPROVEMENTS NEEDED	224	3994380	31
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	69	2033155	26
1. UPGRADE TO SECONDARY TREATMENT	14	91593	1
SECONDARY UPGRADES UNDER CONSTRUCTION	4	66550	0
2. UPGRADE TO TERTIARY TREATMENT	55	1941562	20
TERTIARY UPGRADES UNDER CONSTRUCTION	6	1805300	3
B. FACILITIES NEEDING INCREASED CAPACITY	25	159350	1
1. FACILITIES WITH SECONDARY TREATMENT	17	78830	0
EXPANSION PROJECTS UNDER CONSTRUCTION	4	22580	0
2. FACILITIES WITH TERTIARY TREATMENT	8	80520	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	8410	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	111	1273095	2
1. UPGRADE TO SECONDARY + EXPANSION	43	340964	0
PROJECTS UNDER CONSTRUCTION	16	271554	0
2. UPGRADE TO TERTIARY + EXPANSION	68	932131	2
PROJECTS UNDER CONSTRUCTION	17	719723	2
D. FACILITIES NEEDING REPLACEMENT	19	528780	2
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	18	526580	0
REPLACEMENTS UNDER CONSTRUCTION	8	487720	0
2. CURRENTLY WITH TERTIARY TREATMENT	1	2200	1
REPLACEMENTS UNDER CONSTRUCTION	0	0	1
II. NEW FACILITIES			
TOTAL	60	49245	10
A. SECONDARY TREATMENT REQUIRED	20	24758	0
NEW FACILITIES UNDER CONSTRUCTION	3	4565	0
B. TERTIARY TREATMENT REQUIRED	40	24487	0
NEW FACILITIES UNDER CONSTRUCTION	1	849	0
C. NON CONVENTIONAL REQUIRED			10
NEW FACILITIES UNDER CONSTRUCTION			2

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	60	49245	11
LESS THAN RELIABLE SECONDARY TREATMENT	35	398916	0
RELIABLE SECONDARY TREATMENT	247	3957321	10
TERTIARY TREATMENT	124	1088565	6
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	95
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	27

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	160	1191101	101
NO ACTION INITIATED	64	90478	16
ACTION INITIATED	29	57662	5
STEP ONE (STUDY)	75	194879	3
STEP TWO (DESIGN)	57	313785	4
STEP THREE (CONSTRUCTION)	59	3384731	10
CONSTRUCTION COMPLETE SINCE LAST UPDATE	22	261411	10

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	374	1033773
.NEEDED	89	4448903
.UNKNOWN	4	13890
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	2	50000
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	87	4398903
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	52	1987650
.MARGINAL	32	2163253
.UNSATISFACTORY	3	248000
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	230	3305172	142
NO IDENTIFIED NEEDS	169	2709355	110
IMPROVEMENTS NEEDED	61	595817	32
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	15	331634	19
1. UPGRADE TO SECONDARY TREATMENT	11	321314	2
SECONDARY UPGRADES UNDER CONSTRUCTION	4	199670	0
2. UPGRADE TO TERTIARY TREATMENT	4	10320	14
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	1
B. FACILITIES NEEDING INCREASED CAPACITY	18	151712	2
1. FACILITIES WITH SECONDARY TREATMENT	18	151712	1
EXPANSION PROJECTS UNDER CONSTRUCTION	1	15930	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	21	95151	8
1. UPGRADE TO SECONDARY + EXPANSION	11	43021	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	10	52130	8
PROJECTS UNDER CONSTRUCTION	3	22830	1
D. FACILITIES NEEDING REPLACEMENT	7	17320	3
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	7	17320	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	2
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	27	38254	3
A. SECONDARY TREATMENT REQUIRED	26	37408	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	1	846	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			3
NEW FACILITIES UNDER CONSTRUCTION			1

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	27	38254	3
LESS THAN RELIABLE SECONDARY TREATMENT	14	178364	1
RELIABLE SECONDARY TREATMENT	194	2885923	22
TERTIARY TREATMENT	22	240885	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	97
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	22

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	160	2611296	109
NO ACTION INITIATED	31	142821	11
ACTION INITIATED	7	90748	4
STEP ONE (STUDY)	35	132652	13
STEP TWO (DESIGN)	7	29420	2
STEP THREE (CONSTRUCTION)	8	238430	4
CONSTRUCTION COMPLETE SINCE LAST UPDATE	9	98059	2

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	239	1412027
.NEEDED	18	1931398
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	2	158576
.IN PREPARATION OR INITIAL SUBMITTAL	1	36500
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	14	1711322
.UNKNOWN	1	25000
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	4	1256350
.MARGINAL	1	22665
.UNSATISFACTORY	2	15830
.UNKNOWN	7	416477

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	50	170950	13
NO IDENTIFIED NEEDS	33	127834	11
IMPROVEMENTS NEEDED	17	43116	2
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	3	4995	2
1. UPGRADE TO SECONDARY TREATMENT	3	4995	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	0	0	2
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	1
B. FACILITIES NEEDING INCREASED CAPACITY	0	0	0
1. FACILITIES WITH SECONDARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	10	33810	0
1. UPGRADE TO SECONDARY + EXPANSION	5	17520	0
PROJECTS UNDER CONSTRUCTION	1	2350	0
2. UPGRADE TO TERTIARY + EXPANSION	5	16290	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	4	4311	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	4	4311	0
REPLACEMENTS UNDER CONSTRUCTION	3	4111	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	1	500	0
A. SECONDARY TREATMENT REQUIRED	1	500	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	1	500	0
LESS THAN RELIABLE SECONDARY TREATMENT	15	39726	0
RELIABLE SECONDARY TREATMENT	31	96374	2
TERTIARY TREATMENT	4	34850	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	9
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	2

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	23	89006	9
NO ACTION INITIATED	0	0	0
ACTION INITIATED	2	6480	0
STEP ONE (STUDY)	1	725	1
STEP TWO (DESIGN)	11	29950	0
STEP THREE (CONSTRUCTION)	4	6461	1
CONSTRUCTION COMPLETE SINCE LAST UPDATE	10	38828	2

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	48	136290
. NEEDED	3	35160
. UNKNOWN	0	0
B. PROGRAM STATUS:		
. NO ACTION	0	0
. IN PREPARATION OR INITIAL SUBMITTAL	0	0
. UNDER SECONDARY/FINAL PREPARATION	0	0
. APPROVED PROGRAM	3	35160
. UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
. SATISFACTORY	1	27650
. MARGINAL	1	1230
. UNSATISFACTORY	0	0
. UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	167	1242772	75
NO IDENTIFIED NEEDS	117	942270	57
IMPROVEMENTS NEEDED	50	300502	18
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	5	16300	13
1. UPGRADE TO SECONDARY TREATMENT	4	14000	3
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	1
2. UPGRADE TO TERTIARY TREATMENT	1	2300	7
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	2
B. FACILITIES NEEDING INCREASED CAPACITY	3	80900	1
1. FACILITIES WITH SECONDARY TREATMENT	3	80900	0
EXPANSION PROJECTS UNDER CONSTRUCTION	2	79700	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	35	192922	3
1. UPGRADE TO SECONDARY + EXPANSION	21	104242	1
PROJECTS UNDER CONSTRUCTION	8	64400	1
2. UPGRADE TO TERTIARY + EXPANSION	14	88680	2
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	7	10380	1
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	7	10380	1
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	41	105339	3
A. SECONDARY TREATMENT REQUIRED	37	101317	1
NEW FACILITIES UNDER CONSTRUCTION	4	15660	0
B. TERTIARY TREATMENT REQUIRED	4	4022	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIA FACILITIE -----
III. EXISTING FACILITIES			
NO TREATMENT	41	105339	3
LESS THAN RELIABLE SECONDARY TREATMENT	27	103472	35
RELIABLE SECONDARY TREATMENT	125	1038922	20
TERTIARY TREATMENT	15	100378	8
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	9
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	3

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	97	805102	55
NO ACTION INITIATED	10	20416	6
ACTION INITIATED	5	13225	7
STEP ONE (STUDY)	35	131290	3
STEP TWO (DESIGN)	28	79410	0
STEP THREE (CONSTRUCTION)	14	159760	5
CONSTRUCTION COMPLETE SINCE LAST UPDATE	19	138908	2

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	201	908801
.NEEDED	7	439310
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	7	439310
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	4	230000
.MARGINAL	1	67510
.UNSATISFACTORY	1	51800
.UNKNOWN	1	90000

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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I. EXISTING FACILITIES

TOTAL	126	4518355	115
NO IDENTIFIED NEEDS	90	2668404	93
IMPROVEMENTS NEEDED	36	1849951	22
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	9	1693105	17
1. UPGRADE TO SECONDARY TREATMENT	7	391436	0
SECONDARY UPGRADES UNDER CONSTRUCTION	2	381000	0
2. UPGRADE TO TERTIARY TREATMENT	2	1301669	17
TERTIARY UPGRADES UNDER CONSTRUCTION	2	1301669	2
B. FACILITIES NEEDING INCREASED CAPACITY	9	79240	1
1. FACILITIES WITH SECONDARY TREATMENT	9	79240	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	960	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	16	76571	3
1. UPGRADE TO SECONDARY + EXPANSION	16	76571	1
PROJECTS UNDER CONSTRUCTION	8	54591	0
2. UPGRADE TO TERTIARY + EXPANSION	0	0	2
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	2	1035	1
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	2	1035	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	1
REPLACEMENTS UNDER CONSTRUCTION	0	0	0

II. NEW FACILITIES

TOTAL	10	189789	5
A. SECONDARY TREATMENT REQUIRED	10	189789	0
NEW FACILITIES UNDER CONSTRUCTION	3	17631	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			5
NEW FACILITIES UNDER CONSTRUCTION			1

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	10	189789	6
LESS THAN RELIABLE SECONDARY TREATMENT	20	102015	14
RELIABLE SECONDARY TREATMENT	106	4416340	13
TERTIARY TREATMENT	0	0	7
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	63
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	18

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	77	2591723	90
NO ACTION INITIATED	4	6828	13
ACTION INITIATED	4	2611	7
STEP ONE (STUDY)	14	53880	4
STEP TWO (DESIGN)	10	233530	0
STEP THREE (CONSTRUCTION)	16	1755851	3
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	11	63721	4

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	109	598607
. NEEDED	27	4109537
. UNKNOWN	0	0
B. PROGRAM STATUS:		
. NO ACTION	1	37100
. IN PREPARATION OR INITIAL SUBMITTAL	0	0
. UNDER SECONDARY/FINAL PREPARATION	0	0
. APPROVED PROGRAM	25	4047437
. UNKNOWN	1	25000
C. PROGRAM IMPLEMENTATION:		
. SATISFACTORY	13	2155357
. MARGINAL	9	1763880
. UNSATISFACTORY	2	38200
. UNKNOWN	1	90000

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	186	577983	21
NO IDENTIFIED NEEDS	109	393847	17
IMPROVEMENTS NEEDED	77	184136	4
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	27	50892	4
1. UPGRADE TO SECONDARY TREATMENT	2	1292	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	25	49600	4
TERTIARY UPGRADES UNDER CONSTRUCTION	2	10032	1
B. FACILITIES NEEDING INCREASED CAPACITY	10	21756	0
1. FACILITIES WITH SECONDARY TREATMENT	8	15370	0
EXPANSION PROJECTS UNDER CONSTRUCTION	2	2780	0
2. FACILITIES WITH TERTIARY TREATMENT	2	6386	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	5408	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	29	76978	0
1. UPGRADE TO SECONDARY + EXPANSION	9	33199	0
PROJECTS UNDER CONSTRUCTION	2	21741	0
2. UPGRADE TO TERTIARY + EXPANSION	20	43779	0
PROJECTS UNDER CONSTRUCTION	2	2090	0
D. FACILITIES NEEDING REPLACEMENT	11	34510	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	11	34510	0
REPLACEMENTS UNDER CONSTRUCTION	2	5310	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	30	26454	4
A. SECONDARY TREATMENT REQUIRED	13	13896	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	17	12558	0
NEW FACILITIES UNDER CONSTRUCTION	1	611	0
C. NON CONVENTIONAL REQUIRED			4
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	30	26454	4
LESS THAN RELIABLE SECONDARY TREATMENT	11	28395	0
RELIABLE SECONDARY TREATMENT	110	321191	0
TERTIARY TREATMENT	65	228397	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	16
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	4

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	97	375514	16
NO ACTION INITIATED	43	66452	3
ACTION INITIATED	5	6302	0
STEP ONE (STUDY)	34	60496	0
STEP TWO (DESIGN)	13	28314	4
STEP THREE (CONSTRUCTION)	12	47972	1
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	12	19387	1

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	211	445197
.NEEDED	7	159240
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	7	159240
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	2	40300
.MARGINAL	2	40000
.UNSATISFACTORY	1	3000
.UNKNOWN	1	72940

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	112	853894	84
NO IDENTIFIED NEEDS	75	584274	71
IMPROVEMENTS NEEDED	37	269620	13
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	8	124954	6
1. UPGRADE TO SECONDARY TREATMENT	5	116394	1
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	3	8560	5
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	10	41095	1
1. FACILITIES WITH SECONDARY TREATMENT	10	41095	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	15930	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	18	95071	5
1. UPGRADE TO SECONDARY + EXPANSION	9	18401	0
PROJECTS UNDER CONSTRUCTION	2	3590	0
2. UPGRADE TO TERTIARY + EXPANSION	9	76670	5
PROJECTS UNDER CONSTRUCTION	2	13230	1
D. FACILITIES NEEDING REPLACEMENT	1	8500	1
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	1	8500	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	15	22813	3
A. SECONDARY TREATMENT REQUIRED	15	22813	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			3
NEW FACILITIES UNDER CONSTRUCTION			1

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	15	22813	3
LESS THAN RELIABLE SECONDARY TREATMENT	8	112894	1
RELIABLE SECONDARY TREATMENT	97	600602	13
TERTIARY TREATMENT	7	140398	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	60
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	10

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	71	557855	72
NO ACTION INITIATED	22	128981	3
ACTION INITIATED	5	31218	1
STEP ONE (STUDY)	16	43834	6
STEP TWO (DESIGN)	3	13310	2
STEP THREE (CONSTRUCTION)	5	32750	3
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	5	68759	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	116	468798
. NEEDED	12	407908
. UNKNOWN	0	0
B. PROGRAM STATUS:		
. NO ACTION	2	158576
. IN PREPARATION OR INITIAL SUBMITTAL	0	0
. UNDER SECONDARY/FINAL PREPARATION	0	0
. APPROVED PROGRAM	10	249332
. UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
. SATISFACTORY	3	81370
. MARGINAL	1	22665
. UNSATISFACTORY	2	15830
. UNKNOWN	4	129467

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	73	825173	34
NO IDENTIFIED NEEDS	39	306335	21
IMPROVEMENTS NEEDED	34	518838	13
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	5	117951	8
1. UPGRADE TO SECONDARY TREATMENT	2	111670	1
SECONDARY UPGRADES UNDER CONSTRUCTION	2	111670	0
2. UPGRADE TO TERTIARY TREATMENT	3	6281	4
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	7	69487	1
1. FACILITIES WITH SECONDARY TREATMENT	7	69487	1
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	15	298110	3
1. UPGRADE TO SECONDARY + EXPANSION	9	130780	0
PROJECTS UNDER CONSTRUCTION	5	123300	0
2. UPGRADE TO TERTIARY + EXPANSION	6	167330	3
PROJECTS UNDER CONSTRUCTION	2	149600	1
D. FACILITIES NEEDING REPLACEMENT	7	33290	1
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	7	33290	0
REPLACEMENTS UNDER CONSTRUCTION	2	27520	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	1
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	0	0	0
A. SECONDARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT	MUNICIPAL FACILITIES	POPULATION	INDUSTRIAL FACILITIES
-----	-----	-----	-----
III. EXISTING FACILITIES			
NO TREATMENT	0	0	0
LESS THAN RELIABLE SECONDARY TREATMENT	11	280480	0
RELIABLE SECONDARY TREATMENT	41	453092	3
TERTIARY TREATMENT	20	89081	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	22
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	8

SUMMARY OF PHASE OF PROJECT

I. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	34	217635	20
NO ACTION INITIATED	5	6910	7
ACTION INITIATED	3	62890	1
STEP ONE (STUDY)	13	30338	3
STEP TWO (DESIGN)	2	6610	1
STEP THREE (CONSTRUCTION)	10	409570	1
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	5	88700	1

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	59	365023
.NEEDED	14	460150
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	14	460150
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	12	230480
.MARGINAL	0	0
.UNSATISFACTORY	1	140000
.UNKNOWN	1	89670

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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I. EXISTING FACILITIES

TOTAL	22	54203	4
NO IDENTIFIED NEEDS	14	33213	4
IMPROVEMENTS NEEDED	8	20990	0
 A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	 2	 2280	 0
1. UPGRADE TO SECONDARY TREATMENT	2	2280	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	0	0	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
 B. FACILITIES NEEDING INCREASED CAPACITY	 1	 3420	 0
1. FACILITIES WITH SECONDARY TREATMENT	1	3420	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
 C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	 4	 12590	 0
1. UPGRADE TO SECONDARY + EXPANSION	4	12590	0
PROJECTS UNDER CONSTRUCTION	2	6220	0
2. UPGRADE TO TERTIARY + EXPANSION	0	0	0
PROJECTS UNDER CONSTRUCTION	0	0	0
 D. FACILITIES NEEDING REPLACEMENT	 1	 2700	 0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	1	2700	0
REPLACEMENTS UNDER CONSTRUCTION	1	2700	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0

II. NEW FACILITIES

TOTAL	8	12096	0
A. SECONDARY TREATMENT REQUIRED	6	10550	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	2	1546	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	8	12096	0
LESS THAN RELIABLE SECONDARY TREATMENT	5	13270	1
RELIABLE SECONDARY TREATMENT	17	40933	1
TERTIARY TREATMENT	0	0	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	1
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	10	22870	4
NO ACTION INITIATED	4	4320	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	7	15196	0
STEP TWO (DESIGN)	3	7200	0
STEP THREE (CONSTRUCTION)	3	8920	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	3	7793	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	30	66299
. NEEDED	0	0
. UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	37	132049	5
NO IDENTIFIED NEEDS	22	97377	5
IMPROVEMENTS NEEDED	15	34672	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	7	19029	0
1. UPGRADE TO SECONDARY TREATMENT	4	16970	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	3	2059	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	3	6780	0
1. FACILITIES WITH SECONDARY TREATMENT	3	6780	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	4	7223	0
1. UPGRADE TO SECONDARY + EXPANSION	2	4425	0
PROJECTS UNDER CONSTRUCTION	1	1105	0
2. UPGRADE TO TERTIARY + EXPANSION	2	2798	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	1	1640	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	1	1640	0
REPLACEMENTS UNDER CONSTRUCTION	1	1640	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	0	0	0
A. SECONDARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	0	0	0
LESS THAN RELIABLE SECONDARY TREATMENT	4	19040	0
RELIABLE SECONDARY TREATMENT	24	62157	0
TERTIARY TREATMENT	9	50852	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	5
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0
SUMMARY OF PHASE OF PROJECT -----			
IV. EXISTING AND NEW FACILITIES			
NONE (NO PROJECT REQUIRED)	13	40244	5
NO ACTION INITIATED	1	1710	0
ACTION INITIATED	3	4538	0
STEP ONE (STUDY)	7	19896	0
STEP TWO (DESIGN)	3	5458	0
STEP THREE (CONSTRUCTION)	2	2745	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	8	57458	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	27	54362
.NEEDED	10	77687
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	1	1620
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	9	76067
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	7	66520
.MARGINAL	2	9547
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	38	208866	6
NO IDENTIFIED NEEDS	22	166109	6
IMPROVEMENTS NEEDED	16	42757	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	2	8710	0
1. UPGRADE TO SECONDARY TREATMENT	0	0	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	2	8710	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	0	0	0
1. FACILITIES WITH SECONDARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	6	15727	0
1. UPGRADE TO SECONDARY + EXPANSION	4	9100	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	2	6627	0
PROJECTS UNDER CONSTRUCTION	1	5537	0
D. FACILITIES NEEDING REPLACEMENT	8	18320	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	8	18320	0
REPLACEMENTS UNDER CONSTRUCTION	1	2560	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	0	0	0
A. SECONDARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	0	0	0
LESS THAN RELIABLE SECONDARY TREATMENT	4	10400	0
RELIABLE SECONDARY TREATMENT	24	134942	0
TERTIARY TREATMENT	10	63524	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	5
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	18	106281	5
NO ACTION INITIATED	1	1467	0
ACTION INITIATED	3	6770	0
STEP ONE (STUDY)	6	63328	0
STEP TWO (DESIGN)	5	13593	0
STEP THREE (CONSTRUCTION)	2	8097	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	3	9330	1

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	24	40031
.NEEDED	14	169292
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	1	2000
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	13	167292
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	6	112948
.MARGINAL	4	23990
.UNSATISFACTORY	2	26076
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	15	41500	0
NO IDENTIFIED NEEDS	7	12600	0
IMPROVEMENTS NEEDED	8	28900	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	1	8000	0
1. UPGRADE TO SECONDARY TREATMENT	1	8000	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	0	0	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	1	1200	0
1. FACILITIES WITH SECONDARY TREATMENT	1	1200	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	6	19700	0
1. UPGRADE TO SECONDARY + EXPANSION	3	14300	0
PROJECTS UNDER CONSTRUCTION	1	5000	0
2. UPGRADE TO TERTIARY + EXPANSION	3	5400	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	0	0	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	2	10500	0
A. SECONDARY TREATMENT REQUIRED	2	10500	0
NEW FACILITIES UNDER CONSTRUCTION	1	500	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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III. EXISTING FACILITIES

NO TREATMENT	2	10500	0
LESS THAN RELIABLE SECONDARY TREATMENT	4	22300	0
RELIABLE SECONDARY TREATMENT	9	14920	0
TERTIARY TREATMENT	2	4280	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	0
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	6	18320	0
NO ACTION INITIATED	1	8000	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	3	6400	0
STEP TWO (DESIGN)	3	9500	0
STEP THREE (CONSTRUCTION)	2	5500	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	2	4280	0

SPECIAL DATA SUMMARYMUNICIPAL
FACILITIESPOPULATION

A. PROGRAM NEEDS:

.NOT NEEDED

17

52000

.NEEDED

0

0

.UNKNOWN

0

0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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I. EXISTING FACILITIES

TOTAL	11	89869	4
NO IDENTIFIED NEEDS	4	5059	4
IMPROVEMENTS NEEDED	7	84810	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	2	3540	0
1. UPGRADE TO SECONDARY TREATMENT	0	0	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	2	3540	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	1	6760	0
1. FACILITIES WITH SECONDARY TREATMENT	1	6760	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	4	74510	0
1. UPGRADE TO SECONDARY + EXPANSION	2	10110	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	2	64400	0
PROJECTS UNDER CONSTRUCTION	1	36900	0
D. FACILITIES NEEDING REPLACEMENT	0	0	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0

II. NEW FACILITIES

TOTAL	6	4508	0
A. SECONDARY TREATMENT REQUIRED	2	1258	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	4	3250	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	6	4508	0
LESS THAN RELIABLE SECONDARY TREATMENT	1	4920	0
RELIABLE SECONDARY TREATMENT	10	84949	0
TERTIARY TREATMENT	0	0	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	4
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	2	2469	4
NO ACTION INITIATED	8	33128	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	2	3540	0
STEP TWO (DESIGN)	3	16870	0
STEP THREE (CONSTRUCTION)	1	36900	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	1	1470	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	14	45797
.NEEDED	3	48580
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	3	48580
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	0	0
.MARGINAL	3	48580
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	91	627869	24
NO IDENTIFIED NEEDS	60	402302	17
IMPROVEMENTS NEEDED	31	225567	7
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	4	7295	5
1. UPGRADE TO SECONDARY TREATMENT	3	4995	3
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	1
2. UPGRADE TO TERTIARY TREATMENT	1	2300	2
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	1
B. FACILITIES NEEDING INCREASED CAPACITY	2	79700	0
1. FACILITIES WITH SECONDARY TREATMENT	2	79700	0
EXPANSION PROJECTS UNDER CONSTRUCTION	2	79700	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	20	129042	1
1. UPGRADE TO SECONDARY + EXPANSION	10	50322	0
PROJECTS UNDER CONSTRUCTION	2	24300	0
2. UPGRADE TO TERTIARY + EXPANSION	10	78720	1
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	5	9530	1
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	5	9530	1
REPLACEMENTS UNDER CONSTRUCTION	1	500	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	12	36152	0
A. SECONDARY TREATMENT REQUIRED	12	36152	0
NEW FACILITIES UNDER CONSTRUCTION	1	430	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	12	36152	0
LESS THAN RELIABLE SECONDARY TREATMENT	18	50087	7
RELIABLE SECONDARY TREATMENT	64	499762	8
TERTIARY TREATMENT	9	78020	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	6
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	2
SUMMARY OF PHASE OF PROJECT -----			
IV. EXISTING AND NEW FACILITIES			
NONE (NO PROJECT REQUIRED)	42	288984	15
NO ACTION INITIATED	2	4550	3
ACTION INITIATED	7	19705	0
STEP ONE (STUDY)	13	76104	1
STEP TWO (DESIGN)	15	56430	0
STEP THREE (CONSTRUCTION)	6	104930	2
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	18	113318	3

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	100	529091
.NEEDED	4	134930
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	4	134930
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	3	128650
.MARGINAL	0	0
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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I. EXISTING FACILITIES

TOTAL	44	373268	9
NO IDENTIFIED NEEDS	27	127311	9
IMPROVEMENTS NEEDED	17	245957	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	3	1377	0
1. UPGRADE TO SECONDARY TREATMENT	3	1377	0
SECONDARY UPGRADES UNDER CONSTRUCTION	1	482	0
2. UPGRADE TO TERTIARY TREATMENT	0	0	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	7	214380	0
1. FACILITIES WITH SECONDARY TREATMENT	6	160380	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	150000	0
2. FACILITIES WITH TERTIARY TREATMENT	1	54000	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	54000	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	2	6880	0
1. UPGRADE TO SECONDARY + EXPANSION	1	1880	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	1	5000	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	5	23320	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	5	23320	0
REPLACEMENTS UNDER CONSTRUCTION	3	18810	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0

II. NEW FACILITIES

TOTAL	1	3350	0
A. SECONDARY TREATMENT REQUIRED	1	3350	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	1	3350	0
LESS THAN RELIABLE SECONDARY TREATMENT	1	769	0
RELIABLE SECONDARY TREATMENT	33	293129	0
TERTIARY TREATMENT	10	79370	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	9
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	18	97891	9
NO ACTION INITIATED	4	12740	0
ACTION INITIATED	1	1660	0
STEP ONE (STUDY)	6	19279	0
STEP TWO (DESIGN)	3	3465	0
STEP THREE (CONSTRUCTION)	6	223292	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	7	18290	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	286	594852
.NEEDED	63	1535203
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	2	3620
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	61	1531583
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	42	1392452
.MARGINAL	10	49317
.UNSATISFACTORY	6	67036
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	15	70911	2
NO IDENTIFIED NEEDS	10	52738	2
IMPROVEMENTS NEEDED	5	18173	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	2	13833	0
1. UPGRADE TO SECONDARY TREATMENT	1	433	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	1	13400	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	0	0	0
1. FACILITIES WITH SECONDARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	0	0	0
1. UPGRADE TO SECONDARY + EXPANSION	0	0	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	0	0	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	3	4340	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	3	4340	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	1	1970	0
A. SECONDARY TREATMENT REQUIRED	1	1970	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	1	1970	0
LESS THAN RELIABLE SECONDARY TREATMENT	1	13400	0
RELIABLE SECONDARY TREATMENT	11	38861	0
TERTIARY TREATMENT	3	18650	2
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	0
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	8	42438	2
NO ACTION INITIATED	1	433	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	4	24180	0
STEP TWO (DESIGN)	2	3350	0
STEP THREE (CONSTRUCTION)	0	0	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	1	2480	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	12	38814
.NEEDED	4	34067
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	4	34067
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	3	26247
.MARGINAL	1	7820
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
. EXISTING FACILITIES			
TOTAL	10	23948	0
NO IDENTIFIED NEEDS	8	20448	0
IMPROVEMENTS NEEDED	2	3500	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	2	3500	0
1. UPGRADE TO SECONDARY TREATMENT	2	3500	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	0	0	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	0	0	0
1. FACILITIES WITH SECONDARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	0	0	0
1. UPGRADE TO SECONDARY + EXPANSION	0	0	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	0	0	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	0	0	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
. NEW FACILITIES			
TOTAL	2	1400	0
A. SECONDARY TREATMENT REQUIRED	1	400	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	1	1000	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	2	1400	0
LESS THAN RELIABLE SECONDARY TREATMENT	0	0	0
RELIABLE SECONDARY TREATMENT	9	17248	0
TERTIARY TREATMENT	1	6700	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	0
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	7	18028	0
NO ACTION INITIATED	0	0	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	2	3500	0
STEP TWO (DESIGN)	2	1400	0
STEP THREE (CONSTRUCTION)	0	0	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	1	2420	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	12	25348
. NEEDED	0	0
. UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	24	197329	2
NO IDENTIFIED NEEDS	3	9576	2
IMPROVEMENTS NEEDED	21	187753	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	5	21773	0
1. UPGRADE TO SECONDARY TREATMENT	0	0	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	5	21773	0
TERTIARY UPGRADES UNDER CONSTRUCTION	2	17700	0
B. FACILITIES NEEDING INCREASED CAPACITY	3	37610	0
1. FACILITIES WITH SECONDARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	3	37610	0
EXPANSION PROJECTS UNDER CONSTRUCTION	1	8410	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	11	118230	0
1. UPGRADE TO SECONDARY + EXPANSION	0	0	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	11	118230	0
PROJECTS UNDER CONSTRUCTION	4	83710	0
D. FACILITIES NEEDING REPLACEMENT	2	10140	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	2	10140	0
REPLACEMENTS UNDER CONSTRUCTION	2	10140	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	3	1707	0
A. SECONDARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	3	1707	0
NEW FACILITIES UNDER CONSTRUCTION	1	849	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT	MUNICIPAL FACILITIES	POPULATION	INDUSTRIAL FACILITIES
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III. EXISTING FACILITIES			
NO TREATMENT	3	1707	0
LESS THAN RELIABLE SECONDARY TREATMENT	2	4430	0
RELIABLE SECONDARY TREATMENT	16	145713	0
TERTIARY TREATMENT	6	47186	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	2
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	3	9576	1
NO ACTION INITIATED	1	500	0
ACTION INITIATED	1	1560	0
STEP ONE (STUDY)	8	39261	0
STEP TWO (DESIGN)	4	27330	0
STEP THREE (CONSTRUCTION)	10	120809	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	0	0	1

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	17	60663
. NEEDED	10	138373
. UNKNOWN	0	0
B. PROGRAM STATUS:		
. NO ACTION	0	0
. IN PREPARATION OR INITIAL SUBMITTAL	0	0
. UNDER SECONDARY/FINAL PREPARATION	0	0
. APPROVED PROGRAM	10	138373
. UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
. SATISFACTORY	3	87410
. MARGINAL	7	50963
. UNSATISFACTORY	0	0
. UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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EXISTING FACILITIES

TOTAL	66	1116765	20
NO IDENTIFIED NEEDS	24	519177	17
IMPROVEMENTS NEEDED	42	597588	3
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	18	310198	1
1. UPGRADE TO SECONDARY TREATMENT	3	15520	0
SECONDARY UPGRADES UNDER CONSTRUCTION	1	1550	0
2. UPGRADE TO TERTIARY TREATMENT	15	294678	1
TERTIARY UPGRADES UNDER CONSTRUCTION	1	244000	1
B. FACILITIES NEEDING INCREASED CAPACITY	5	42920	1
1. FACILITIES WITH SECONDARY TREATMENT	1	2290	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	4	40630	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	18	242470	0
1. UPGRADE TO SECONDARY + EXPANSION	2	32800	0
PROJECTS UNDER CONSTRUCTION	1	14800	0
2. UPGRADE TO TERTIARY + EXPANSION	16	209670	0
PROJECTS UNDER CONSTRUCTION	3	130400	0
D. FACILITIES NEEDING REPLACEMENT	1	2000	1
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	1	2000	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0

NEW FACILITIES

TOTAL	3	1543	0
1. SECONDARY TREATMENT REQUIRED	1	852	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
2. TERTIARY TREATMENT REQUIRED	2	691	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
3. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	3	1543	0
LESS THAN RELIABLE SECONDARY TREATMENT	1	15900	0
RELIABLE SECONDARY TREATMENT	43	599238	0
TERTIARY TREATMENT	22	501627	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	18
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	2

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	23	483177	17
NO ACTION INITIATED	2	3961	0
ACTION INITIATED	7	24914	0
STEP ONE (STUDY)	17	62946	0
STEP TWO (DESIGN)	13	112560	0
STEP THREE (CONSTRUCTION)	6	390750	2
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	1	40000	1

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	51	224060
. NEEDED	19	894247
. UNKNOWN	0	0
B. PROGRAM STATUS:		
. NO ACTION	0	0
. IN PREPARATION OR INITIAL SUBMITTAL	1	40000
. UNDER SECONDARY/FINAL PREPARATION	0	0
. APPROVED PROGRAM	18	854247
. UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
. SATISFACTORY	11	712057
. MARGINAL	6	66690
. UNSATISFACTORY	1	75500
. UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	98	889210	46
NO IDENTIFIED NEEDS	80	708590	38
IMPROVEMENTS NEEDED	18	180620	8
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	5	95010	7
1. UPGRADE TO SECONDARY TREATMENT	4	93250	0
SECONDARY UPGRADES UNDER CONSTRUCTION	2	88000	0
2. UPGRADE TO TERTIARY TREATMENT	1	1760	6
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	1
B. FACILITIES NEEDING INCREASED CAPACITY	2	37240	0
1. FACILITIES WITH SECONDARY TREATMENT	2	37240	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	6	44120	1
1. UPGRADE TO SECONDARY + EXPANSION	4	28120	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	2	16000	1
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	5	4250	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	5	4250	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	21	33296	1
A. SECONDARY TREATMENT REQUIRED	18	30250	0
NEW FACILITIES UNDER CONSTRUCTION	1	5830	0
B. TERTIARY TREATMENT REQUIRED	3	3046	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			1
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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III. EXISTING FACILITIES

NO TREATMENT	21	33296	1
LESS THAN RELIABLE SECONDARY TREATMENT	8	66670	8
RELIABLE SECONDARY TREATMENT	82	789742	12
TERTIARY TREATMENT	8	32798	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	22
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	3

SUMMARY OF PHASE OF PROJECT

I. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	73	649962	38
NO ACTION INITIATED	11	14090	4
ACTION INITIATED	0	0	1
STEP ONE (STUDY)	18	98426	1
STEP TWO (DESIGN)	8	12330	1
STEP THREE (CONSTRUCTION)	3	93830	1
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	6	53868	1

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	115	642296
.NEEDED	4	280210
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	1	36500
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	3	243710
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	0	0
.MARGINAL	1	67510
.UNSATISFACTORY	1	51800
.UNKNOWN	1	124400

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	137	769867	49
NO IDENTIFIED NEEDS	75	203679	40
IMPROVEMENTS NEEDED	62	566188	9
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	27	337192	6
1. UPGRADE TO SECONDARY TREATMENT	6	49413	1
SECONDARY UPGRADES UNDER CONSTRUCTION	2	45000	0
2. UPGRADE TO TERTIARY TREATMENT	21	287779	3
TERTIARY UPGRADES UNDER CONSTRUCTION	2	243600	1
B. FACILITIES NEEDING INCREASED CAPACITY	5	24670	0
1. FACILITIES WITH SECONDARY TREATMENT	4	22390	0
EXPANSION PROJECTS UNDER CONSTRUCTION	2	13590	0
2. FACILITIES WITH TERTIARY TREATMENT	1	2280	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	26	176076	1
1. UPGRADE TO SECONDARY + EXPANSION	15	92417	0
PROJECTS UNDER CONSTRUCTION	6	77034	0
2. UPGRADE TO TERTIARY + EXPANSION	11	83659	1
PROJECTS UNDER CONSTRUCTION	5	70027	1
D. FACILITIES NEEDING REPLACEMENT	4	28250	2
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	4	28250	0
REPLACEMENTS UNDER CONSTRUCTION	1	3150	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	1
REPLACEMENTS UNDER CONSTRUCTION	0	0	1
I. NEW FACILITIES			
TOTAL	14	9375	4
A. SECONDARY TREATMENT REQUIRED	4	5174	0
NEW FACILITIES UNDER CONSTRUCTION	1	1060	0
B. TERTIARY TREATMENT REQUIRED	10	4201	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			4
NEW FACILITIES UNDER CONSTRUCTION			1

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	14	9375	4
LESS THAN RELIABLE SECONDARY TREATMENT	11	47146	0
RELIABLE SECONDARY TREATMENT	72	356020	5
TERTIARY TREATMENT	54	366701	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	37
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	6

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	68	123799	38
NO ACTION INITIATED	14	11616	3
ACTION INITIATED	10	17420	2
STEP ONE (STUDY)	12	12034	1
STEP TWO (DESIGN)	22	90532	1
STEP THREE (CONSTRUCTION)	19	453461	5
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	6	70380	3

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
. NOT NEEDED	118	184692
. NEEDED	29	580660
. UNKNOWN	4	13890
B. PROGRAM STATUS:		
. NO ACTION	0	0
. IN PREPARATION OR INITIAL SUBMITTAL	1	10000
. UNDER SECONDARY/FINAL PREPARATION	0	0
. APPROVED PROGRAM	28	570660
. UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
. SATISFACTORY	21	239460
. MARGINAL	6	298700
. UNSATISFACTORY	1	32500
. UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	90	236245	4
NO IDENTIFIED NEEDS	46	151140	4
IMPROVEMENTS NEEDED	44	85105	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	35	52358	0
1. UPGRADE TO SECONDARY TREATMENT	1	977	0
SECONDARY UPGRADES UNDER CONSTRUCTION	1	977	0
2. UPGRADE TO TERTIARY TREATMENT	34	51381	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	1	1700	0
1. FACILITIES WITH SECONDARY TREATMENT	1	1700	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	4	11797	0
1. UPGRADE TO SECONDARY + EXPANSION	1	897	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	3	10900	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	4	19250	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	3	11370	0
REPLACEMENTS UNDER CONSTRUCTION	1	2960	0
2. CURRENTLY WITH TERTIARY TREATMENT	1	7880	0
REPLACEMENTS UNDER CONSTRUCTION	1	7880	0
II. NEW FACILITIES			
TOTAL	1	1000	0
A. SECONDARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	1	1000	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT	MUNICIPAL FACILITIES	POPULATION	INDUSTRIAL FACILITIES
-----	-----	-----	-----
III. EXISTING FACILITIES			
NO TREATMENT	1	1000	0
LESS THAN RELIABLE SECONDARY TREATMENT	1	977	0
RELIABLE SECONDARY TREATMENT	67	175518	0
TERTIARY TREATMENT	22	59750	1
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	3
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT

. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	42	142820	4
NO ACTION INITIATED	38	65691	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	4	6187	0
STEP TWO (DESIGN)	1	1000	0
STEP THREE (CONSTRUCTION)	3	11817	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	3	9730	0

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	84	205335
.NEEDED	7	31910
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	7	31910
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	3	11690
.MARGINAL	2	7960
.UNSATISFACTORY	2	12260
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
. EXISTING FACILITIES			
TOTAL	64	982472	19
NO IDENTIFIED NEEDS	33	186734	12
IMPROVEMENTS NEEDED	31	795738	7
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	7	27496	7
1. UPGRADE TO SECONDARY TREATMENT	2	1640	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	5	25856	5
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	6	16700	0
1. FACILITIES WITH SECONDARY TREATMENT	6	16700	0
EXPANSION PROJECTS UNDER CONSTRUCTION	2	8990	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	13	302412	0
1. UPGRADE TO SECONDARY + EXPANSION	3	32289	0
PROJECTS UNDER CONSTRUCTION	1	30000	0
2. UPGRADE TO TERTIARY + EXPANSION	10	270123	0
PROJECTS UNDER CONSTRUCTION	3	258686	0
D. FACILITIES NEEDING REPLACEMENT	5	449130	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	4	446930	0
REPLACEMENTS UNDER CONSTRUCTION	2	444590	0
2. CURRENTLY WITH TERTIARY TREATMENT	1	2200	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
I. NEW FACILITIES			
TOTAL	14	9800	0
A. SECONDARY TREATMENT REQUIRED	6	5419	0
NEW FACILITIES UNDER CONSTRUCTION	1	705	0
B. TERTIARY TREATMENT REQUIRED	8	4381	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	14	9800	0
LESS THAN RELIABLE SECONDARY TREATMENT	2	2080	0
RELIABLE SECONDARY TREATMENT	36	823478	3
TERTIARY TREATMENT	26	156914	2
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	8
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	6

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	30	162424	11
NO ACTION INITIATED	13	13213	1
ACTION INITIATED	3	2706	2
STEP ONE (STUDY)	10	9445	2
STEP TWO (DESIGN)	11	38203	1
STEP THREE (CONSTRUCTION)	9	742971	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	2	23310	2

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	68	144352
.NEEDED	10	847920
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	10	847920
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	7	797980
.MARGINAL	3	49940
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
I. EXISTING FACILITIES			
TOTAL	32	83561	10
NO IDENTIFIED NEEDS	22	63615	10
IMPROVEMENTS NEEDED	10	19946	0
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	3	3585	0
1. UPGRADE TO SECONDARY TREATMENT	1	722	0
SECONDARY UPGRADES UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY TREATMENT	2	2863	0
TERTIARY UPGRADES UNDER CONSTRUCTION	0	0	0
B. FACILITIES NEEDING INCREASED CAPACITY	0	0	0
1. FACILITIES WITH SECONDARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	0	0	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	6	15450	0
1. UPGRADE TO SECONDARY + EXPANSION	1	1890	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	5	13560	0
PROJECTS UNDER CONSTRUCTION	0	0	0
D. FACILITIES NEEDING REPLACEMENT	1	911	0
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	1	911	0
REPLACEMENTS UNDER CONSTRUCTION	1	911	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0
II. NEW FACILITIES			
TOTAL	0	0	0
A. SECONDARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	0	0	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT	MUNICIPAL FACILITIES	POPULATION	INDUSTRIAL FACILITIES
-----	-----	-----	-----
III. EXISTING FACILITIES			
NO TREATMENT	0	0	0
LESS THAN RELIABLE SECONDARY TREATMENT	6	11083	0
RELIABLE SECONDARY TREATMENT	21	39958	0
TERTIARY TREATMENT	5	32520	0
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	10
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	0

SUMMARY OF PHASE OF PROJECT			

EXISTING AND NEW FACILITIES			
NONE (NO PROJECT REQUIRED)	20	59145	9
NO ACTION INITIATED	0	0	0
ACTION INITIATED	0	0	0
STEP ONE (STUDY)	4	6695	0
STEP TWO (DESIGN)	5	12340	0
STEP THREE (CONSTRUCTION)	1	911	0
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	2	4470	1

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	30	60931
.NEEDED	2	22630
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	2	22630
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	1	21400
.MARGINAL	1	1230
.UNSATISFACTORY	0	0
.UNKNOWN	0	0

SUMMARY OF FACILITY NEEDS -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
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I. EXISTING FACILITIES

TOTAL	309	2243316	121
NO IDENTIFIED NEEDS	252	2007115	104
IMPROVEMENTS NEEDED	57	236201	17
A. FACILITIES NEEDING INCREASED TREATMENT LEVEL	38	173670	12
1. UPGRADE TO SECONDARY TREATMENT	5	3243	0
SECONDARY UPGRADES UNDER CONSTRUCTION	2	613	0
2. UPGRADE TO TERTIARY TREATMENT	33	170427	9
TERTIARY UPGRADES UNDER CONSTRUCTION	4	102770	0
B. FACILITIES NEEDING INCREASED CAPACITY	10	28105	1
1. FACILITIES WITH SECONDARY TREATMENT	7	24205	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
2. FACILITIES WITH TERTIARY TREATMENT	1	1040	0
EXPANSION PROJECTS UNDER CONSTRUCTION	0	0	0
C. FACILITIES NEEDING INCREASED TREATMENT + CAPACITY	7	27218	3
1. UPGRADE TO SECONDARY + EXPANSION	1	2070	0
PROJECTS UNDER CONSTRUCTION	0	0	0
2. UPGRADE TO TERTIARY + EXPANSION	6	25148	3
PROJECTS UNDER CONSTRUCTION	1	12700	2
D. FACILITIES NEEDING REPLACEMENT	2	7208	1
1. CURRENTLY WITH SECONDARY TREATMENT OR LESS	2	7208	0
REPLACEMENTS UNDER CONSTRUCTION	2	7208	0
2. CURRENTLY WITH TERTIARY TREATMENT	0	0	0
REPLACEMENTS UNDER CONSTRUCTION	0	0	0

I. NEW FACILITIES

TOTAL	53	35553	0
A. SECONDARY TREATMENT REQUIRED	25	19792	0
NEW FACILITIES UNDER CONSTRUCTION	0	0	0
B. TERTIARY TREATMENT REQUIRED	28	15761	0
NEW FACILITIES UNDER CONSTRUCTION	2	1085	0
C. NON CONVENTIONAL REQUIRED			0
NEW FACILITIES UNDER CONSTRUCTION			0

SUMMARY OF TYPE OF TREATMENT -----	MUNICIPAL FACILITIES -----	POPULATION -----	INDUSTRIAL FACILITIES -----
III. EXISTING FACILITIES			
NO TREATMENT	53	35553	0
LESS THAN RELIABLE SECONDARY TREATMENT	9	13825	0
RELIABLE SECONDARY TREATMENT	138	657165	2
TERTIARY TREATMENT	162	1572325	4
NONCONVENTIONAL TRT. MEETING REQUIREMENTS	0	0	101
NONCONVENTIONAL TRT. NOT MEETING REQUIREMENTS	0	0	14

SUMMARY OF PHASE OF PROJECT

IV. EXISTING AND NEW FACILITIES

NONE (NO PROJECT REQUIRED)	224	1893000	101
NO ACTION INITIATED	18	12688	3
ACTION INITIATED	1	2070	5
STEP ONE (STUDY)	64	93357	0
STEP TWO (DESIGN)	16	39263	3
STEP THREE (CONSTRUCTION)	13	131296	5
CONSTRUCTION COMPLETE (SINCE LAST UPDATE)	26	107195	4

<u>SPECIAL DATA SUMMARY</u>	<u>MUNICIPAL FACILITIES</u>	<u>POPULATION</u>
A. PROGRAM NEEDS:		
.NOT NEEDED	335	811184
.NEEDED	31	1467684
.UNKNOWN	0	0
B. PROGRAM STATUS:		
.NO ACTION	0	0
.IN PREPARATION OR INITIAL SUBMITTAL	0	0
.UNDER SECONDARY/FINAL PREPARATION	0	0
.APPROVED PROGRAM	31	1467684
.UNKNOWN	0	0
C. PROGRAM IMPLEMENTATION:		
.SATISFACTORY	21	1287824
.MARGINAL	2	24540
.UNSATISFACTORY	8	155320
.UNKNOWN	0	0

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*As of July 1, 1988