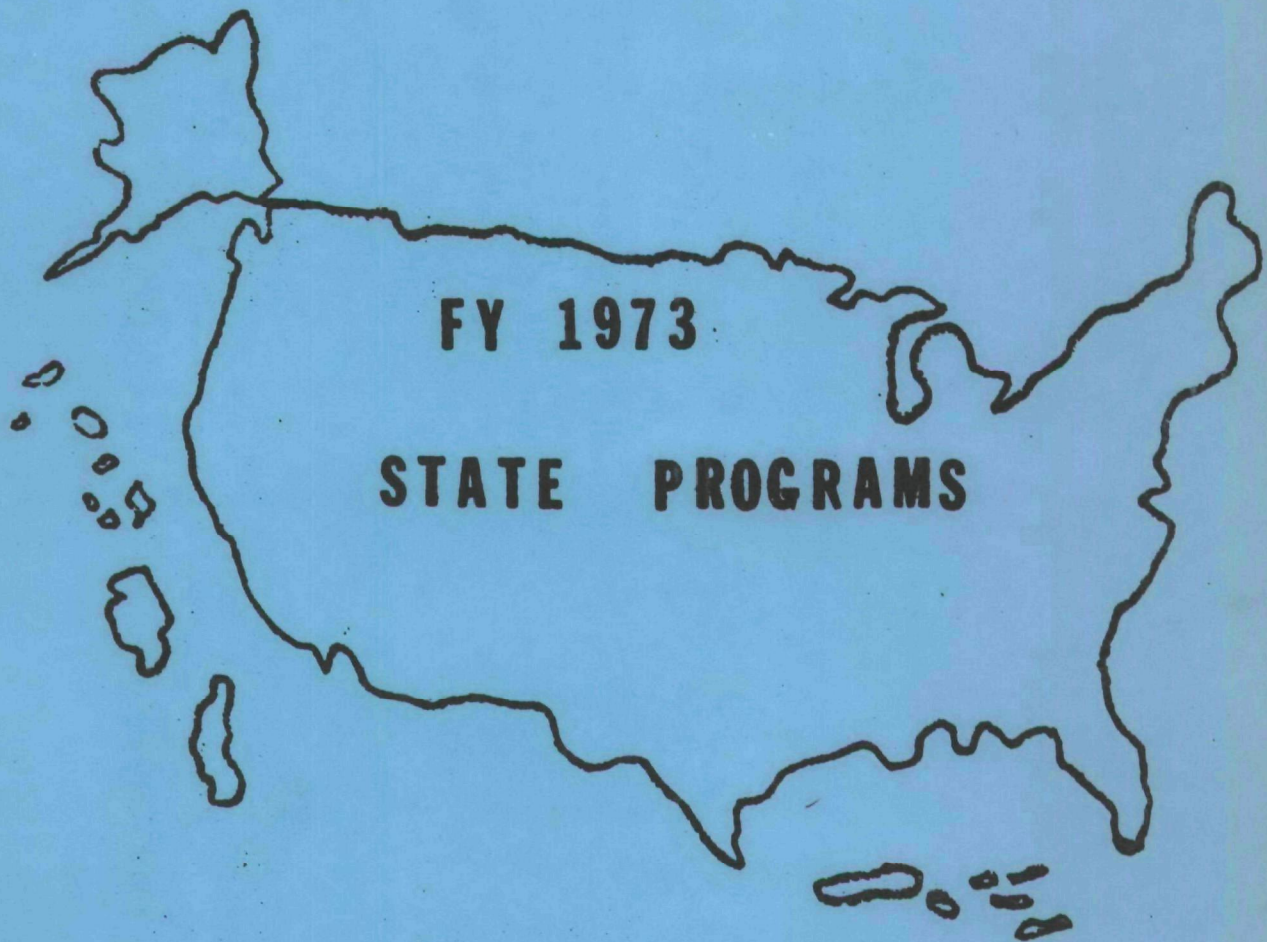


DIGEST



**U.S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

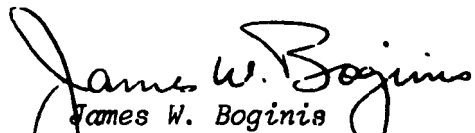
PREFACE

This digest contains information extracted from FY 1973 State Program submittals pursuant to Section 7 of the Federal Water Pollution Control Act, as amended 33 USC 1151 et. seq. (1970). It is the fifth such report produced. Most of the detailed data were extracted from grant applications submitted by the States.

These data include information on estimates of expenditures for manpower, planning, water pollution control facilities, surveillance, enforcement, management and operator training, administration and emergency and auxiliary functions.

The next Digest will be reorganized to reflect the major program changes brought about by the passage of PL 92-500.

The Digest has been produced in hope that summary information of this type will prove useful to program managers at all levels - State, Region and EPA Headquarters. Comments and suggestions for improvement are welcome.


James W. Boginis
Chief, State Programs Branch
Water Planning Division
Office of Air and Water Programs
November 1, 1973

SUMMARY AND HIGHLIGHTS

States estimated their expenditure for the management of Water Pollution Control for FY 1973 would be over 72.5 million dollars. California spent over 11 million dollars for this activity during the last fiscal year, while Wyoming spent the least, \$77,500.

Administration of each State's water pollution program is vested in a single agency. In FY 1973 approximately one-third of these State agencies were EPA type, combining air, water and other environmental protection programs, but not exercising significant natural resource management functions. Twenty-three States combined water pollution control functions with natural resources management functions within one agency; the remaining States combined medical health protection functions with water pollution control. In the conduct of water pollution control activities, the States expended approximately 4,000 man-years; an average of more than 71 man-years per State or Territory.

Based on the data from the States reporting (not all States reported fiscal data), more than a fourth of the water pollution control expenditures are spent on surveillance activities.

Top salary for water pollution control management was highest in New York at \$34.5 thousand/annum, however, cost per man-year at \$33,400 was highest in Maryland.

Per capita budget expenditures for water pollution control programs ranged from a low of 12 cents/capita in Iowa to a high of \$2.55/capita in the Virgin Islands.

Water quality management training courses were offered in 43 of the 54 States, with the fundamental, or basic, course given by 33 of the States reporting. More than 20,400 individuals spent over 670 thousand manhours in water pollution training in FY 1973.

Over half the States had a mandatory certification program for waste treatment plant operators. Six States had not reported any program.

Municipal Waste Treatment Inspections programs in FY 1973 were carried out in 47 States, with 41 States submitting monthly reports, and 42 States having some type of permit activity.

D I G E S T F Y - 7 3
S T A T E P R O G R A M S

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State Water Quality Administrators

Fifty-four State or Territorial water control agencies, (one in each State or territory) received State Program Grants Allocations for FY - 1973.

Eighteen of these were EPA type (agencies combining water, air and possibly other environmental protection programs, but not exercising significant natural resource management or traditional medical health protection functions); thirteen were Health type (agencies combining water pollution control functions with traditional medical health protection functions); and the rest are classified as "other type", or agencies combining water pollution control functions with significant natural resources management functions, or agencies specializing predominantly in the control of water pollution.

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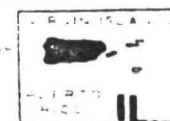
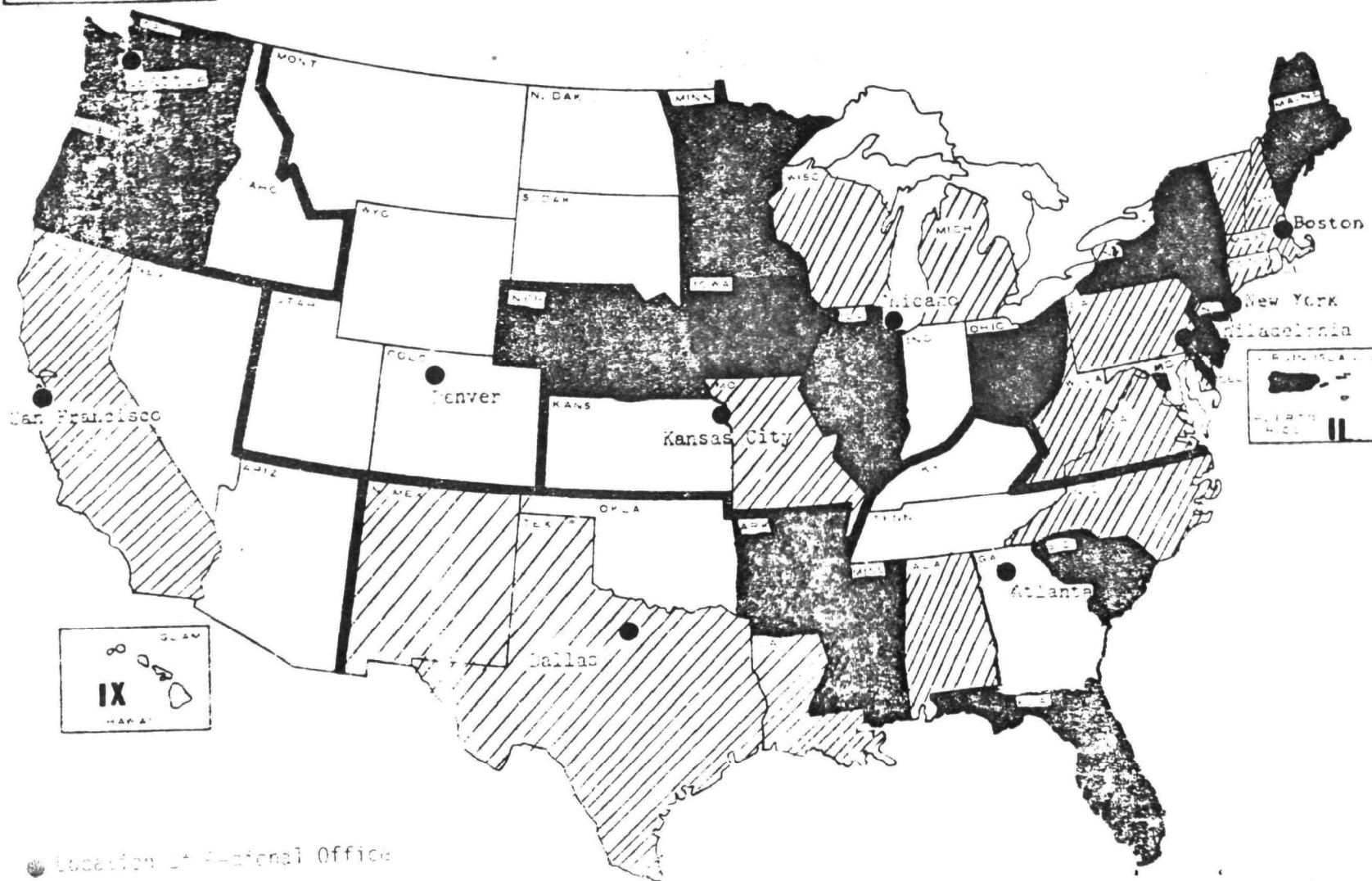
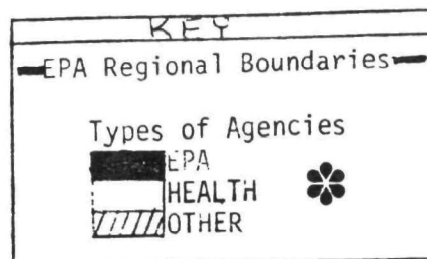
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● Location of Regional Office

Figure 1-1

EPA REGIONAL OFFICES

Region I -

John F. Kennedy Federal Building, 23rd Floor
Boston, MA 02203

Maine
Massachusetts
Connecticut

Vermont
New Hampshire
Rhode Island

Region II -

26 Federal Plaza, Room 847
New York, NY 10007

New York
New Jersey
Puerto Rico

Virgin Islands

Region III -

6th & Walnut Streets
Philadelphia, PA 19106

Delaware
D.C.
Maryland

Pennsylvania
Virginia
West Virginia

Region IV -

1421 Peachtree Street, N.E., Suite 300
Atlanta, GA 30309

Alabama
Kentucky
Mississippi
Florida

Georgia
North Carolina
South Carolina
Tennessee

Region V -

One North Wacker Drive
Chicago, IL 60606

Illinois
Indiana
Michigan

Minnesota
Ohio
Wisconsin

Region VI -

1600 Patterson Street, Suite 1100
Dallas, TX 75201

Arkansas
Louisiana
New Mexico

Oklahoma
Texas

Region VII -

1735 Baltimore Avenue
Kansas City, MO 64108

Iowa
Kansas
Missouri

Nebraska

Region VIII -

1860 Lincoln Street, Suite 900
Denver, CO 80203

Colorado
Montana
North Dakota

South Dakota
Utah
Wyoming

Region IX -

100 California Street
San Francisco, CA 94111

California
Arizona
Guam

Hawaii
Nevada
T. Territories

Region X -

1200 6th Avenue
Seattle, WA 98101

Alaska
Idaho
Oregon

Washington

STATES HAVING REGIONAL/DISTRICT OFFICES AND
AGENCY (APPLICANT) OPERATED LABORATORIES, FY 1973

STATE	DISTRICT/REGIONAL OFFICES	AGENCY OPERATED LABS
ALABAMA		(1)
ALASKA	(3) Fairbanks; Anchorage; Juneau	(1)
ARIZONA		(3) Phoenix; Tucson; Flagstaff
ARKANSAS	(7) Washington, Union; Conway; Pulaski; Jefferson; Ark., Miss.,	(1) Little Rock
CALIFORNIA	(9) Central Valley; North Coast; San Francisco; San Diego; Central Coast; Los Angeles; Lahontan; Santa Ana; Colo River Basin	
COLORADO	(3) Montrose; Fort Collins; LaJunta	(1) Denver
CONNECTICUT		(1)
DELAWARE		(1) Dover
D.C.		(1)
FLORIDA	(6) Orlando; Gulf Breeze; Jacksonville; White Haven; Fort Lauderdale; Punta Gorda	(Lab Located in Each Regional Office)
GEORGIA	(3) Albany; Brunswick; Macon	(1)
HAWAII	(3) Hawaii; Kauai; Maui	(4) Honolulu; Hawaii; Maui; Kauai
IDAHO	(3) Pocatello; Lewis; Jerome	(1)
ILLINOIS	(7) Springfield; Carbondale; Collinsville; Champaign Rock Island; Rockford; Aurora	(Lab Located In Each Regional Office)
INDIANA		(1) Indianapolis
IOWA	(6) Manchester; Fort Dodge; Mason City; Spencer; Council Bluffs; Des Moines; Washington	(1)
KANSAS	(6) Dodge City; Wichita; Salina; Hayes; Chlunt;Topeka	(1) Topeka
KENTUCKY	(2) Harlan; Earlington	(1)
LOUISIANA		(3) Baton Rouge; Lake Charles; Monroe
MAINE		(2) Mobil, Augusta
MARYLAND		(2) Baltimore; Cumberland
MASSACHUSETTS	(4) Pembrose; Andover; Amherst; Boston	
MICHIGAN	(5) Rockwell; Lansing; Grand Rapids; Cadillac; Escanaba	(2) Detroit; Lansing
MINNESOTA		
MISSISSIPPI	(3) North; Central; South	(1) Hattiesburg
MISSOURI	(3) St. Louis; Kansas City; Springfield	(1)
MONTANA	(2) Kalispell; Billings	(1)
NEBRASKA		(1)
NEVADA	(1) Las Vegas	(1)
NEW HAMPSHIRE		

STATE	DISTRICT/REGIONAL OFFICES	AGENCY OPERATED LABS
NEW JERSEY	(4) Atlantic Coastal; Delaware Basin; Raritan Basin; Passaic-Hackensack Basin	(1) (3) Santa Fe; Farmington, Clovis
NEW MEXICO		
NEW YORK	(9) Ronkonkoma; New York; New Paltz; Albany; Ray Brook; Watertown; Syracuse; Avon; Buffalo	
N. CAROLINA	(4) Asheville; Raleigh; Greenville; Piedmont	(1) (2) Bismarck; Grand Forks
N. DAKOTA	(4) Williston; Devils Lake; Minot; Dickinson	(2) Columbus; Cuyahoga Falls
OHIO	(4) Cuyahoga Falls; Bowling Green; Nelsonville; Dayton	(2) (1) Raleigh Hills
OKLAHOMA		
OREGON	(4) Portland; Roseburg; Bend; Pendleton	
PENNSYLVANIA	(7) Norristown; Kingston; West Reading; Lewistown; Pittsburgh; Meadville; Williamsport	(2) Harrisburg; Erie
RHODE ISLAND	(3) North, South, Southeast	(1)
S. CAROLINA	(6) Lancaster; Columbia; Greenville; Aiken; Florence; Charleston	(1) (1)
S. DAKOTA	(5) Rapid City; Aberdeen; Sioux Falls; Pierre; Mitchell	(1)
TENNESSEE	(5) Knoxville; Chattanooga; Nashville; Southwest; Jackson	(1) (5) Austin; Amarillo; Corpus Christi; Houston; San Antonio
TEXAS	(4) Deer Park; Orange; Corpus Christi; Edin Burgh	
UTAH	(5) Salt Lake; Vernal; Price; Richfield; Cedar City	(1) (1)
VERMONT		
VIRGINIA	(5) Blacksburg; Lynchburg; Fort Royal; Richmond; Gloucester	(1) Richmond (2) Olympia; Redmond
WASHINGTON	(3) Southwest; Northwest; Eastern	
WEST VIRGINIA	(5) Beckley; Romney; Charleston; Parkersburg; Fairmont	(2) Charleston; Elkins
WISCONSIN	(6) Green Bay; Rhinelander; Spooner; Madison Eau Claire; Milwaukee	(1) Madison (1) (1) (1)
WYOMING		
GUAM		
PUERTO RICO		
VIRGIN ISLANDS	(3) St. Thomas; St. Croix; St. John	(2) St. Croix; St. Thomas

SOURCE OF LEGAL AUTHORITY FOR STATE WATER POLLUTION CONTROL

STATE	BASIC AUTHORITY	CONSTRUCTION GRANTS	OTHER AUTHORITY		
			TAX INCENTIVES	CERTIFICATION	PERMITS
ALABAMA	Act 1260 of 1971	Act 42, 1971	Act 1136-41	Act 1594, 1971	Water Poll Con Act
ALASKA	1971 Laws of Alaska, Chapter 120	1971 LA, Chapter 120			1971 LA, Chap 120
ARIZONA	A.R.S. SubChapter 17 and 36	30L25 SB1219	A.R.S. 43-123	A.R.S 36-132 B-13	
ARKANSAS	Act 38, 1971	Act 108, 1971	Act 5, 1968	Act 211, 1971	POWOC Act
CALIFORNIA	CWC, Div 7 (Porter-Cologne Act)	PCA, Chap 6, Art. 1 & 2	CRTC 17226-24372	23 CAC, Chap 3	PCWCA
COLORADO	1963 C.R.S., Chap 66-28	23 CRS, Chap 66-28		X - no citation	Water Poll Con Act
CONNECTICUT	1971 Sess; Pub Act 872	PA 222, 1972 Sess.	X - no citation	X - no citation	X - no citation
DELAWARE	DEL CODE: Title 29, Chapter 80	DL, Ch 739, Vol. 57		Reg 3, T 7, Chap 63	
DIST OF COL	DC REC: Title 9 (Health Regulations)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
FLORIDA	Florida Statutes; Chapter 403	F.S. Ch 403-1821			F.S. 403-086
GEORGIA	1964 Water Quality Con Act, as amended	FA WQCA 25-29	Ex from Tax Act	Act 210, 1969	X - no citation
HAWAII	H.R.S. 1968, Chap 26, 37, 91, & 321	X - no citation	70 Rapid Tx Wr Off		WPCA, Ch 37, PHR
IDAHO	112 Idaho Code; 39-106	I.C. 39-112B	I.C. 63-105T		I.C. 39-112B
ILLINOIS	1970 Environmental Protection Act	APB Act 1970	Dept of Rev Rules	SWB, R&R, 1966	X - no citation
INDIANA	Chap 214, Acts of 1943, as amended	I.C. 1971, 6-1-8	Acts 1967, Ch 174	I.C. 1971, 13-1-6	PL100, Env Mgmt Act
IOWA	I.C. 1971, 13-1-3	Ch 4556, IC 1971		Ch 136A, IC 1966	Ch 455B, IC 1971
KANSAS	1972, 64 GA SF 85	SB 409, 1970			KSA 65-165
KENTUCKY	K.R.S. 224, Water Poll Control Act	K.R.S 224		K.R.S 223.160	KRS 224.060 (2-5)
LOUISIANA	L.R.S. 56-3-1	Act 171, 1970	X - no citation		L.R.S. 5 T 56
MAINE	M.R.S, Title 38, Chap 3	Title 38, Sec 411	1971 PL, Ch 562		MRS T38-S413-414
MARYLAND	Ann Code Md, Art 41,43,66c,96A,33B	X - no citation		ACM 1967 Art 43	X - no citation
MASSACHUSETTS	Clean Waters Act & Related Laws	1970 Acts, Ch 747	1966 Acts, Ch 700	1970 Acts, Ch 781	GLC 21-S43,50,52,58
MICHIGAN	Act 245, 1929, as amended	PA 1966	Act 222, 1966	Act 98, 1963	Act 245,1929, amended-
MINNESOTA	M.S. Chapter 115-116	1971 MS 116.15 WPC 34	MS 69-272.02	1971 HF 613	X - no citation
MISSISSIPPI	Air & Water Pollution Control Act	SBL 1971, Ch 471, HB 1270			X - no citation
MISSOURI	M.R.S. Chap 204 (Mo Clean Water Law)	MRS, Ch 204, Sec 180	X - no citation		MRS 204.030
MONTANA	H.B. 85, 1971	HB 476, 1971		S.B. 93, 1971	1968 Regulations
NEBRASKA	Environ. Protection Act, 1971	L.B. 440-1006, 1971	LB 716, 1972		Env Pro Act, 1971
NEVADA	Water Poll Control Law of 1971				WPCL, 1971
NEW HAMPSHIRE	R.S.A., Chapter 149	R.S.A. 149-5a	R.S.A. 149B-5		
NEW JERSEY	Laws of 1970, Chapter 33	PSFA, Act 1965	C54, Section T2	R.S. 58:11-14	X - no citation
NEW MEXICO	Water Quality Act of 1967	Laws of 1970, Chap 84			
NEW YORK	Pub Health Law, Water Poll Control	Laws 1965, Chap 176	RPTL, Chap 1059	SSC 11.80 - .95	X - no citation
N. CAROLINA	G.S., Article 21, Chap 143	SB 34, 1971, SWBA 1972	GS, Chap 105	GS, Chap 90A	GS 143-215.1
NORTH DAKOTA	Water Poll Control Law 1967, amended	X - no citation		HB 1382, 1971	
OHIO	Water Poll Control Law	X - no citation	X - no citation	ORC 3701.20 & .34	X - no citation
OKLAHOMA	1968 OK Legislature 330L	SB 33, 1968 1st Session	X - no citation	T59 9S 1961	X - no citation
OREGON	O.R.S. 449	O.R.S. 449.55	O.R.S. 449.670		
PENNSYLVANIA	Clean Stms Law, 1937, as amended	1968 Act 443	X - no citation	1968 Act 332	1971 CSL
RHODE ISLAND	G.L 1956, Chap 40-12	PL 1967, Chap 198	PL 66, Chap 262		X - no citation
S. CAROLINA	1970 Pollution Control Act		1966 Act 921		
SOUTH DAKOTA	Water Poll Control Law, Ch 46-25, 1967	1971 Sess, Chap 209		Ch 217.70 S.L.	
TENNESSEE	Stm Poll Control Law 1970, as amended				
TEXAS	Water Quality Act, 1969, as amended	62nd Legis. 1971	TRA 1969	Art 4477-1, Sec 20	X - no citation
UTAH	U.C.A. 1953, as amended	SB203, 1971			X - no citation
VERMONT	V.S.A. Title 10, Chap 25-33	V.S.A. Title 10, Chap 137	32 V.S.A., Chap 125		10 V.S.A. 5911A
VIRGINIA	CV, Title 62.1, Chapter 3.1	Art 11, Sec 62.1	Sec 58-81.1	Tit 54, Ch 16-1	SNCL, Art 2, Sec 62
WASHINGTON	Cahp 43.21A, ROW, 1970	RCS, Chap 90.50	RCW, Ch 90.50.040		RCW, Ch 90.48.160
WEST VIRGINIA	CWV, Art 5-A, Chap 20		Art 24, Ch 11, Sec 6	Admin. Regs.	CWV, Item 20-SA-6
WISCONSIN	W.S., Chapter 144	WS 144, Section 21	1969 Laws, Ch 206	WS, Ch NR-114	
WYOMING	WCS, 1957, Sec 35-184-196				
GUAM	GUAM Public Law 9-76	X - no citation			X - no citation
PUERTO RICO	Law #9, 1970, Article 11	X - no citation			X - no citation
VIRGIN ISLANDS	12 V.I.C. Chapter 7	X - no citation			12 V.I.C., Sec 185

Man-Years Assigned to Water Pollution Control Activities

Reported manpower allocations for WPC increased from 3446 man-years in FY 1972 to 3948 man-years in FY 1973, an increase of 15%.

Man-years, for enforcement activities actually decreased from FY 1972 to FY 1973 by 4%. In FY 1973 over one-fourth of the man-year total was used for surveillance activities.

Total man-years assigned to the 6 program elements are as follows:

<u>ELEMENT</u>	<u>MAN-YEARS</u>	<u>PERCENT</u>	<u>MAN-YEARS AVERAGE</u>
Planning & Standards	565	14	10.5
WPC Facilities	907	23	16.8
Other Programs	297	8	5.5
Surveillance	1149	29	21.3
Enforcement	416	11	7.7
Executive & Aux.	584	15	10.8
TOTAL	3948	100	71.3

California and Texas lead nationally in man-years assigned to WPC activities with 349 and 334 MY respectively.

Pennsylvania ranked third with 316 m.y./on water pollution control activities: however, the State of Texas had assigned 101 m.y. to executive and auxillary functions, the highest in the nation, double that of California, and more than three times the number of man-years Pennsylvania used for this function.

MAN - YEARS

ASSIGNED TO WATER POLLUTION
CONTROL ACTIVITIES

STATE	PLNG&STDS	FACILITIES	OTHER	SURV	ENF	EXEC& ADM	TOTAL
1. Alabama	3.50	8.90	1.50	6.50	4.30	10.15	34.85
2. Alaska	.82	1.25	.33	1.29	.17	1.14	5.00
3. Arizona	3.00	6.00	.80	4.20	1.00	2.00	17.00
4. Arkansas	6.20	7.80	2.40	17.00	1.20	4.20	38.80
5. California	71.00	60.00	16.00	104.00	44.00	54.00	349.00
6. Colorado	3.00	5.50	1.00	8.50	1.00	6.30	25.30
7. Connecticut	1.20	16.90	2.50	28.80	6.20	6.90	62.50
8. Delaware	7.20	8.90	.30	7.00	6.80	3.30	33.50
9. Dist. of Columbia	5.20	.05	34.70	10.90	3.20	1.25	55.30
10. Florida	18.69	28.25	6.10	38.15	30.79	24.53	141.50
11. Georgia	15.00	16.00	2.00	23.00	2.00	7.00	65.00
12. Hawaii	----- No Breakdown -----						29.30
13. Idaho	2.50	5.00	1.00	6.00	2.50	1.50	18.50
14. Illinois	26.40	70.60	4.80	71.20	24.30	.30	197.60
15. Indiana	7.95	16.25	2.37	28.83	1.20	10.01	66.61
16. Iowa	4.00	8.50	4.00	4.25	2.25	5.55	28.50
17. Kansas	11.00	3.00	10.60	13.50	.30	7.00	45.40
18. Kentucky	3.40	5.60	13.90	38.60	2.20	13.30	77.00
19. Louisiana	4.30	10.20	1.40	28.00	6.70	2.60	53.20
20. Maine	4.50	6.50	2.00	8.50	6.50	4.80	32.80
21. Maryland	18.70	17.50	15.90	43.40	48.00	15.10	158.60
22. Massachusetts	8.00	7.00	2.00	13.00	5.00	19.00	54.00
23. Michigan	7.00	13.00	13.00	62.00	10.50	38.50	144.00
24. Minnesota	10.30	25.00	4.56	18.35	11.55	22.70	92.46
25. Mississippi	4.20	5.60	4.00	6.60	5.40	5.50	31.30
26. Missouri	6.50	9.10	1.50	7.20	2.00	11.70	38.00
27. Montana	4.25	7.00	2.00	6.50	.25	1.00	21.00
28. Nebraska	2.00	5.80	4.80	5.10	.30	3.50	21.50
29. Nevada	1.95	1.35		1.46		1.35	6.11
30. New Hampshire	9.00	16.00	3.50	18.00	21.00	4.50	72.00
31. New Jersey	19.50	44.60	9.80	42.20	5.70	9.20	131.00
32. New Mexico	3.80	4.00	2.30	7.40	1.60	4.90	24.00
33. New York	22.00	82.00	3.10	43.00	20.00	6.00	176.10
34. North Carolina	14.00	25.00	9.00	27.00	1.00	7.00	83.00
35. North Dakota	1.10	2.40	.35	2.85	.10	.25	7.05
36. Ohio	8.00	30.40	3.20	27.70	15.20	12.50	97.00
37. Oklahoma	6.45	8.00	3.50	9.10	2.50	3.70	33.25
38. Oregon	6.90	19.30	1.60	21.45	2.40	9.20	60.85
39. Pennsylvania	47.40	66.36	56.88	69.52	44.24	31.60	316.00
40. Rhode Island	1.50	5.15	10.95	11.30	1.25	4.85	35.00
41. South Carolina	13.00	12.00	1.00	30.00	4.00	10.00	70.00
42. South Dakota	1.20	3.00	1.30	2.60	.50	2.20	10.80
43. Tennessee	10.12	13.05	5.32	32.60	3.73	3.76	68.56
44. Texas	63.00	64.00	-	74.00	32.00	101.00	334.00
45. Utah	3.24	11.03	.19	2.84	3.46	4.24	25.00
46. Vermont	5.00	14.00	3.00	12.00	4.00	6.00	44.00
47. Virginia	15.00	42.00	10.50	21.50	9.00	32.00	150.00
48. Washington	----- NO BREAKDOWN -----						
49. West Virginia	13.55	15.00	7.00	10.00	7.00	1.00	53.55
50. Wisconsin	34.00	32.00	-	48.50	5.00	23.50	143.00
51. Wyoming	1.40	.50	.20	.90	.10	.60	3.70
52. Guam	.90	3.90	2.00	5.50	1.00	2.30	15.60
53. Puerto Rico	.75	14.20	3.10	13.40	1.20	17.40	50.13
54. Virgin Islands	2.50	3.00	4.00	3.75	.10	1.90	15.25

TOTAL OF THE
STATES REPORTING

565.07

907.44

297.25

1148.94

415.69

583.78

3947.47

Water Pollution Control Budget

Over a fourth of the Water Pollution control expenditures are spent on surveillance activities. These activities require the expenditure for highly trained personnel, as well as expensive laboratory (mobile and stationary) equipment plus support of auxillary activities, such as emergency support on spills additions or changes of monitoring stations, increase in sampling activities, etc.

STATES REPORTING WATER POLLUTION CONTROL BUDGET, BY PROGRAM ELEMENT * FY 1973

<u>PROGRAM ELEMENT</u>	<u>W. P. C. BUDGET</u>	
	<u>DOLLARS</u>	<u>PERCENT</u>
<i>Planning & Standards</i>	13,761,508	20.8
<i>W. P. C. Facilities</i>	12,177,105	18.3
<i>Other</i>	8,105,484	12.5
<i>Surveillance</i>	17,372,868	26.2
<i>Enforcement</i>	5,529,541	8.3
<i>Executive & Auxillary</i>	9,231,460	13.9
<i>TOTAL</i>	66,177,966	100.0

* Excludes four States from total that did not submit a breakdown by Program Element.

Enforcement activities constitute the smallest portion of the budget. These activities consist of the preparation of formal regulatory action through coordination and use of information extracted from other activities in the budget, i.e. surveillance, planning and standards, etc. However, several State agencies receive legal services from other State offices. The resources for such support are not normally included in the water pollution control agency budget.

Planning and Standards expenditures account for over a fifth of the water pollution control budget. The various basin and metropolitan/regional plans provide the basis for the States' water quality plan. Water quality standards objectives are determined by comparing stream quality data with approved criteria to determine compliance, or a degradation trend requiring action to prevent pollution from violating standards. As refinements in these activities continue, the proportional expenditure for this activity is expected to increase slightly the next fiscal year.

STATE	PLNG & STDS	FACILITIES	OTHER	SURV	ENF	EXEC & AUX.	TOTAL
Alabama	54,014	134,158	25,661	98,568	70,010	118,008	500,419
Alaska	25,000	38,300	10,000	36,500	5,200	35,000	150,000
Arizona	92,724	100,538	13,090	71,813	16,362	32,725	327,252
Arkansas	63,750	110,584	14,860	280,601	12,560	84,400	566,755
California	4,324,000	1,143,000	1,812,000	1,015,000	744,000	1,082,000	10,120,000
Colorado	54,778	71,528	12,716	171,018	15,845	128,776	454,661
Connecticut	14,285	192,850	28,570	328,560	71,426	78,569	714,260
Delaware	92,700	115,000	4,000	90,000	23,000	42,100	366,800
D. C.	61,787	1,500	350,720	184,312	35,120	11,226	644,665
Florida	233,811	359,711	71,942	431,654	395,683	307,755	1,800,556
Georgia	288,461	307,692	38,462	442,308	38,462	134,615	1,250,000
Hawaii	-----NO BREAKDOWN-----						402,000
Idaho	44,000	78,316	15,000	95,575	40,000	17,152	290,043
Illinois	377,635	1,280,819	130,974	1,944,475	527,619	858,436	5,119,958
Indiana	99,675	192,562	31,069	373,149	38,923	276,065	1,011,443
Iowa	44,404	99,481	50,128	49,668	26,767	86,952	357,400
Kansas	185,000	45,000	210,000	185,000	5,000	65,000	695,000
Kentucky	45,250	75,000	187,500	519,250	29,414	178,762	1,035,176
Louisiana	140,000	137,756	15,500	322,000	76,000	29,577	720,833
Maine	96,794	129,059	32,265	141,965	129,058	116,054	645,195
Maryland	1,224,276	289,428	1,873,762	715,950	890,141	320,525	5,314,082
Mass.	190,597	190,888	520,251	238,063	39,232	323,214	1,502,245
Michigan	139,700	194,900	148,800	1,158,500	154,250	678,800	2,474,950
Minnesota	150,000	384,400	114,000	320,000	191,000	374,625	1,534,025
Mississippi	58,766	73,122	63,599	89,251	72,441	59,221	416,400
Missouri	79,888	120,000	19,412	181,500	30,220	149,080	580,100
Montana	50,300	85,000	3,950	82,250	5,000	25,000	251,500
Nebraska	23,657	68,820	58,066	59,217	2,251	41,854	253,865
Nevada	33,000	20,600		40,700		31,600	125,900
New Hamp.	132,500	183,000	87,299	210,923	183,300	68,500	865,522
New Jersey	182,604	607,350	91,923	398,748	60,868	85,712	1,427,205
New Mexico	39,159	41,000	45,966	85,000	20,000	50,000	281,125
New York	-----NO BREAKDOWN-----						4,293,515
N. Carolina	181,578	324,193	116,675	350,133	13,024	90,735	1,076,338
N. Dakota	13,000	23,000	3,500	35,000	1,000	13,000	88,500
Ohio	150,521	622,278	58,899	548,980	259,345	374,483	2,014,506
Oklahoma	93,390	105,307	82,977	105,458	24,795	42,920	454,847
Oregon	147,128	301,696	28,133	311,896	50,647	186,976	1,026,476
Penn.	548,218	767,505	657,862	804,053	511,670	365,479	3,654,787
Rh. Island	18,182	62,422	132,727	136,969	15,146	124,854	489,600
S. Carolina	47,865	151,574	12,490	422,811	55,843	107,175	797,758
S. Dakota	13,000	35,000	15,000	30,214	6,000	8,000	107,214
Tennessee	161,577	208,321	84,839	520,423	59,551	50,989	1,085,700
Texas	2,662,426	818,752	293,133	1,121,994	141,513	980,680	6,018,498
Utah	-----NO BREAKDOWN-----						292,057
Vermont	68,106	190,717	40,864	163,463	54,485	81,728	599,363
Virginia	180,000	745,000	128,000	246,000	100,000	499,775	1,898,775
Washington	-----NO BREAKDOWN-----						1,570,450
West Va.	110,000	137,000	80,000	180,000	38,400	65,000	610,400
Wisconsin	643,992	625,914	195,500	790,000	114,000	202,000	2,571,406
Wyoming	28,000	10,800	4,300	19,400	2,200	13,000	77,700
Yukon	15,000	46,564	18,000	60,000	10,000	22,000	171,564
Puerto Rico	15,000	100,700	35,000	140,556	30,000	98,144	419,400
Vir. Isl.	28,000	29,000	36,100	42,000	2,800	20,000	157,900

TOTAL	13,767,498	121,177,105	8,105,484	16,390,868	5,439,571	9,237,541	71,676,080
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Expenditure Estimates FY 1973

States estimated their expenditures for FY 1973 would be over 72.5 million. Nearly 59 million, over 80% of the total expenditures, was spent by 21 States. California spent the most money on pollution control, over 11 million dollars, and also received more Federal funding than any other State. Texas was the second largest spender for water pollution control activities, however it was 6th in line for Federal funding.

Wyoming estimated spending less for water pollution control activities than any other State, a total of \$77,500.

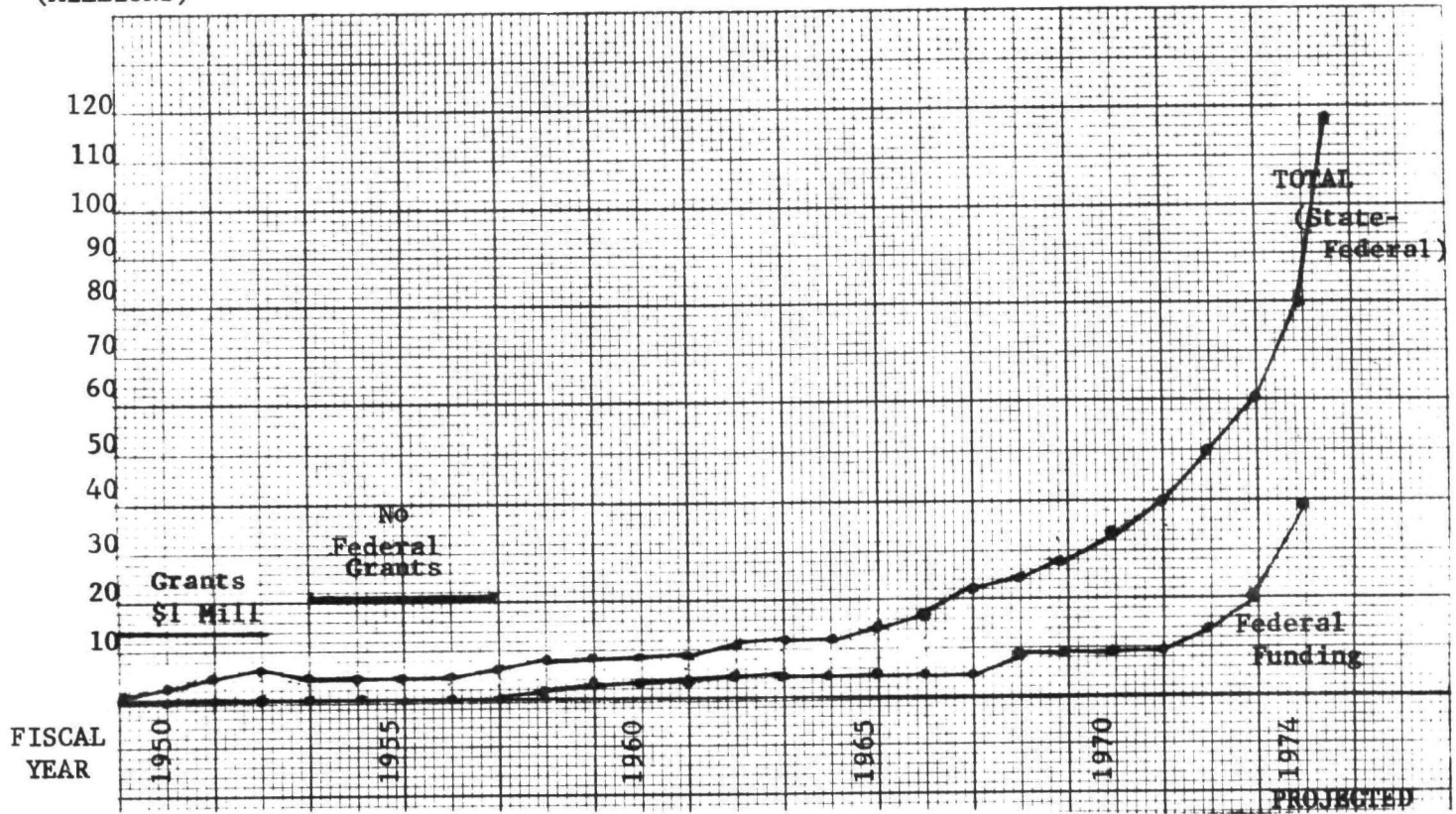
For FY 1973, in contrast to the rest of the Nation, the proportionate share of Federal grants money was larger than the State share in the Virgin Islands, Iowa, Missouri, North Dakota, Guam and Puerto Rico.

STATE	FEDERAL	STATE	TOTAL
Alabama	267,000	233,419	500,419
Alaska	25,500	124,500	150,000
Arizona	181,200	146,052	327,252
Arkansas	161,800	404,955	566,755
California	1,045,000	9,075,000	10,120,000
Colorado	138,300	316,361	454,661
Connecticut	251,250	463,010	714,260
Delaware	126,000	240,800	366,800
D. C.	164,603	480,062	644,665
Florida	433,000	1,362,556	1,800,556
Georgia	315,000	935,000	1,250,000
Hawaii	71,100	330,900	402,000
Idaho	61,100	228,943	290,043
Illinois	660,900	4,459,058	5,119,958
Indiana	360,100	651,343	1,011,443
Iowa	184,900	172,500	357,400
Kansas	139,500	555,500	695,000
Kentucky	246,000	789,176	1,035,176
Louisiana	266,500	454,333	720,833
Maine	95,400	549,795	645,195
Maryland	279,700	5,034,382	5,314,082
Massachusetts	529,100	973,145	1,502,245
Michigan	555,700	1,919,250	2,474,950
Minnesota	241,400	1,292,625	1,534,025
Mississippi	191,400	225,000	416,400
Missouri	302,000	278,100	580,100
Montana	55,500	196,000	251,500
Nebraska	98,500	155,365	253,865
Nevada	52,000	73,900	125,900
New Hampshire	151,100	714,422	865,522
New Jersey	475,000	952,205	1,427,205
New Mexico	74,000	207,125	281,125
New York	726,025	3,567,490	4,293,515
North Carolina	378,200	698,138	1,076,338
North Dakota	51,500	37,000	88,500
Ohio	679,800	1,334,706	2,014,506
Oklahoma	177,000	277,847	454,847
Oregon	150,900	875,576	1,026,476
Pennsylvania	740,200	2,914,587	3,654,787
Rhode Island	232,200	257,400	489,600
South Carolina	216,100	581,658	797,758
South Dakota	52,800	54,414	107,214
Tennessee	327,700	758,000	1,085,700
Texas	636,900	5,381,598	6,018,498
Utah	82,800	209,257	292,057
Vermont	110,600	488,763	599,363
Virginia	309,500	1,589,275	1,898,775
Washington	275,450	1,295,000	1,570,450
West Virginia	151,400	459,000	610,400
Wisconsin	308,900	2,262,506	2,571,406
Wyoming	31,500	46,200	77,700
Guam	114,376	57,188	171,564
Puerto Rico	274,400	145,000	419,400
Virgin Islands	105,300	52,600	157,900
TOTAL	14,338,104	57,337,935	71,676,039

DOLLARS
(MILLIONS)

PROGRAM GRANTS
FY 49 - 74

PROJECTED



FY	Federal Allotment	Federal Expenditure	State Expenditure	Total	% Federal Participation
1949	782979		UK	UK	
1950	845519		2286941	3088097	27
1951	815313		2993322	3799805	21
1952	768934		4016580	4785514	16
1953	0		3912404	3912404	0
1954	0		3989257	3989257	0
1955	0		UK	UK	
1956	0		4216243	4216243	0
1957	1800000	1683331	4004501	5687832	30
1958	2700000	2538694	6009059	8607753	31
1959	2700000	2621173	6514980	9136153	29
1960	2700000	2581590	675582	9337412	28
1961	2700000	2641896	7606088	10247984	26
1962	4500000	4261867	8162954	12424821	34
1963	4700000	4470817	9277135	13747952	33
1964	4700000	4525045	9530490	14005535	32
1965	4700000	4596005	11204986	15800991	29
1966	4700000	4534682	12271400	16806082	27
1967	4700000	4583601	17642924	22226525	21
1968	9000000	8704044	19034482	27738526	31
1969	9000000	8859743	2228435	31144088	28
1970	9400000	9334796	24956011	34290807	27
1971	9465204	9453445	29992119	39445564	24
1972	14100000	14059618	37938753	52168753	27
1973	18900000	18900000	58239505	78039505	25
1974	38900000	38900000	76800000	116800000	33

FIGURE 1

SALARY RANGES

Salary information is important to the conduct of Water Pollution Control activities because of the direct effect in obtaining better qualified management and operations personnel.

Salaries for starting engineers ranged from a low of \$7600/yr in New Mexico to a high of \$15,000/yr in Alaska.

The top salary of a professional, excluding the head of an agency ranged from \$11,200 to \$14,500 in Wyoming to \$26,600 to \$30,000 in New York. For agency heads, the inducement to undertake the responsibility of a State water control program ranged from \$12,000 to \$18,000 in Arkansas to \$34,500/annum in New York.

<u>Region</u>	<u>Average Man-year Cost</u> <u>Dollars (Thousands)</u>
I	16.9
II	13.6
III	15.3
IV	14.2
V	18.6
VI	14.3
VII	13.9
VIII	14.2
IX	18.9
X	18.0

SALARY RANGES

STATE	TOP	SECOND	STARTING ENGINEER	COST PER MAN-YEAR
1. Alabama	15.2- 19.6	14.5- 18.8	9.3	14,300
2. Alaska	31.2	28.8	15.6	30,000
3. Arizona	18.8	18.0	5.9	19,250
4. Arkansas	12.0- 18.0	12.0- 15.0	8.0	14,530
5. California	26.2	25.0	9.0	28,700
6. Colorado	17.0- 23.0	15.0- 20.0	10.0	18,180
7. Connecticut	19.6- 24.2	17.0- 20.8	8.2	11,520
8. Delaware	22.0	17.8-25.0	9.8	10,950
9. Dist. of Columbia	15.0	28.0	10.0	11,720
10. Florida	28.0	25.0	10.0	12,710
11. Georgia	19.0- 27.5	11.8- 25.3	9.8	19,200
12. Hawaii	18.5	14.5	9.0	14,680
13. Idaho	14.0- 18.0	13.0- 17.0	10.0	16,110
14. Illinois	20.7- 28.8	19.2-26.6	10.3	25,900
15. Indiana	24.5- 29.5	23.3- 28.2	10.0	15,180
16. Iowa	16.0- 22.0	14.0- 19.0	10.0	12,770
17. Kansas	15.9- 20.3	14.5- 18.5	8.3	15,440
18. Kentucky	14.0- 18.0	14.0- 18.0	9.0	13,440
19. Louisiana	14.5- 20.4	13.4- 18.2	8.5	13,600
20. Maine	20.0- 22.3	15.7- 19.1	9.8	19,670
21. Maryland	28.0	25.0- 27.0	9.0	33,420
22. Massachusetts	21.0- 27.0	16.0- 20.0	10.0	27,800
23. Michigan	23.6- 29.1	21.7- 26.8	11.0	17,190
24. Minnesota	23.0	17.9- 22.6	10.8	16,600
25. Mississippi	18.3- 25.7	15.0- 21.1	8.4	13,430
26. Missouri	15.0- 20.0	13.0- 18.0	9.0	15,270
27. Montana	16.0- 20.0	18.4- 19.2	9.8	11,980
28. Nebraska	15.0- 16.0	14.0- 15.0	8.0	12,090
29. Nevada	19.4- 23.5	16.1-19.4	8.4	20,570
30. New Hampshire	21.0- 22.5	18.0- 22.0	9.0	12,020
31. New Jersey	18.8- 24.4	14.0- 18.2	9.0	10,900
32. New Mexico	14.5	12.8	7.6	11,710
33. New York	34.5	26.6- 30.0	12.1	24,390
34. North Carolina	17.4- 22.2	15.8- 20.1	11.9	12,970
35. North Dakota	18.4-23.3	12.6-16.0	9.1	12,550
36. Ohio	24.0-34.0	22.0-30.0	11.0	20,770
37. Oklahoma	18.0- 24.0	15.0- 18.0	8.0	13,680
38. Oregon	15.8-20.1	14.0-18.2	9.2	16,870
39. Pennsylvania	18.7-24.0	18.7-23.9	9.9	11,570
40. Rhode Island	19.0-22.0	15.0-18.0	9.0	13,990
41. South Carolina	22.0-26.0	15.0-20.0	8.0	11,400
42. South Dakota	14.8-18.9	13.0-16.6	8.7	9,943
43. Tennessee	17.6-20.0	16.4-18.8	9.1	15,840
44. Texas	24.0	19.5	12.0	18,020
45. Utah	15.2-23.0	13.7-20.9	9.4	11,680
46. Vermont	16.3-23.0	14.6-20.4	8.3	13,620
47. Virginia	22.4	15.7-19.6	10.5	12,660
48. Washington	25.0	12.8-16.3	9.1	19,760
49. West Virginia	12.1-15.5	11.5-14.5	10.4	11,400
50. Wisconsin	19 -25	17 -23	10.0	17,980
51. Wyoming	14.7-19.6	11.2-14.5		21,000
52. Guam	13.0	14.0	9.0	10,990
53. Puerto Rico	18.0	14.7	7.8	8,390
54. Virgin Islands	20.2- 25.7	16.9 - 21.5	8.6	10,520

FWPCA-86-2 (2-68)

State Rankings: Population, Federal Grants and Activities
Pertinent to the Conduct of Water
Pollution Control Programs

Per capita budget expenditures for water pollution control programs ranged from a low of 12 cents/capita in Iowa and Missouri to a high of \$2.55 per capita in the Virgin Islands. No discernible pattern in per capita costs can be developed until all the permit data are available for analysis. When more data on type, volume, toxicity, and current prevalence of pollution become available, it should be easier to ascertain why costs in States with similar climate, geographical and industrial characteristics, and population, vary so much. Following is an example of the 5 lowest and 5 highest States in per capita budget expenditures for water pollution control:

Water Pollution Control Expenditures -
5 Lowest States Per Capita Budget

<u>State or Territory</u> <u>Rank By Budget</u> <u>Expenditures</u>	<u>Population</u> <u>Number</u>	<u>Rank</u>	<u>Man-years</u> <u>Rank</u>	<u>Cost Per Capita</u> <u>Dollars</u>
35. Iowa	2,883,000	25	39	0.12
35. Missouri	4,753,000	14	31	0.12
34. Alabama	3,510,000	21	33	0.14
34. North Dak.	632,000	47	50	0.14
33. South Dak.	679,000	43	49	0.16

Water Pollution Control Expenditures -
5 Highest States Per Capita Budget

<u>State or Territory</u> <u>Rank By Budget</u> <u>Expenditures</u>	<u>Population</u> <u>Number</u>	<u>Rank</u>	<u>Man-years</u> <u>Rank</u>	<u>Cost Per Capita</u> <u>Dollars</u>
1. Virgin Isl.	62,000	54	48	2.55
2. Guam	84,000	53	47	2.02
3. Maryland	4,056,000	17	6	1.31
4. Vermont	462,000	50	29	1.30
5. New Hamp.	771,000	42	16	1.12

*State Ranking: Population and Federal Grants and Activities Pertinent
to the Conduct of Water Pollution Control Programs*

STATE	POPULA- TION	* RANK BY POP.	RANK BY MAN-YEARS	PER CAPITA BUDGET	** RANK BY P.C.B.	RANK BY STATE FUNDS	RANK BY FED GRANT	RANK BY TOTAL FUNDS
1. Alabama	3510	21	33	14	34	38	21	33
2. Alaska	325	52	52	46	14	48	54	50
3. Arizona	1945	34	46	17	32	46	30	42
4. Arkansas	1973	33	30	29	22	31	33	32
5. California	20468	1	1	49	13	1	1	1
6. Colorado	2357	29	40	19	30	33	38	37
7. Connecticut	3082	24	21	23	27	28	23	25
8. Delaware	565	48	34	65	7	37	53	40
9. Dist. of Columbia	748	44	23	86	6	27	32	28
10. Florida	7259	9	10	25	25	10	10	11
11. Georgia	4720	15	20	26	24	16	15	16
12. Hawaii	809	41	38	50	12	32	45	39
13. Idaho	756	43	45	38	17	39	47	44
14. Illinois	11251	5	4	46	14	4	5	4
15. Indiana	5291	11	19	19	30	22	13	21
16. Iowa	2883	25	39	12	35	44	29	41
17. Kansas	2258	31	28	31	20	24	37	26
18. Kentucky	3299	23	15	31	20	18	24	19
19. Louisiana	3720	20	26	19	30	30	22	24
20. Maine	1029	39	36	63	8	25	43	27
21. Maryland	4056	17	6	31	3	3	18	3
22. Massachusetts	5787	10	24	26	24	14	8	14
23. Michigan	9082	7	8	27	23	8	7	8
24. Minnesota	3896	19	13	39	16	13	25	13
25. Mississippi	2263	30	37	18	31	40	28	38
26. Missouri	4753	14	31	12	35	34	17	31
27. Montana	719	45	44	35	18	43	48	47
28. Nebraska	1525	36	43	17	32	45	42	46
29. Nevada	527	49	51	24	26	49	50	51
30. New Hampshire	771	42	16	12	5	20	36	22
31. New Jersey	7367	8	11	19	30	15	9	15
32. New Mexico	1065	38	42	26	24	42	46	45
33. New York	18366	2	5	23	27	5	3	5
34. North Carolina	5214	12	14	21	28	21	12	18
35. North Dakota	632	47	50	14	34	54	51	53
36. Ohio	10783	6	12	20	29	11	4	9
37. Oklahoma	2634	28	35	17	32	35	31	36
38. Oregon	2102	32	22	49	13	17	74	20
39. Pennsylvania	1926	3	3	31	20	6	2	6
40. Rhode Island	968	40	32	51	11	36	26	35
41. South Carolina	2665	27	17	30	21	23	27	23
42. South Dakota	679	46	49	16	33	51	49	52
43. Tennessee	4031	18	18	27	23	19	14	17
44. Texas	11649	4	2	52	10	2	6	2
45. Utah	1126	37	41	26	24	41	44	43
46. Vermont	462	50	29	30	4	26	40	30
47. Virginia	4764	13	7	40	15	9	16	10
48. Washington	3443	22	NO REPORT	46	14	12	19	12
49. West Virginia	1781	35	25	34	19	29	35	29
50. Wisconsin	4520	16	9	59	9	7	11	7
51. Wyoming	345	51	53	23	27	53	52	54
52. Guam	85	53	47	2	2	50	39	48
53. Puerto Rico	2715	26	27	18	31	47	20	34
54. Virgin Islands	62	54	48	2.55	1	52	41	49

Water Quality Management Training Courses

Over 20,400 individual persons enrolled for water quality management training courses in FY 1973, given by the States reporting, and spent over 670 thousand man-hours in the curriculum.

Water quality management training courses are offered by a majority of the States. For waste water treatment, generally, four courses are offered; Fundamental, Intermediate, Advanced, and Laboratory Procedures. Refresher and specialized courses in field work, Standard Treatment Practices, (STP), Chlorination, (OJT), On The Job Training and Management are also part of the training schedule in some States.

The Fundamental course offers inoculation and basic training for the new or lower level Water Treatment Plant employee. Intermediate courses upgrade operators' proficiency to qualify for the higher step in the certification program. The advanced Water Quality Management Treatment courses are generally for training management type and supervisory personnel. Laboratory procedures courses may range from fundamental thru advanced, but generally deal mostly with fundamental procedures. Refresher courses deal with all facets of waste treatment plant operation, and are usually of short duration dealing with technological improvements. These courses are given to personnel to enable them to keep abreast in using the best equipment or in enacting the best procedures for efficient WTP operation.

Approximately forty-three States reported offering some type of Water Quality Management Training course. Fundamental training courses were offered by thirty-three States totaling over 220 thousand man-hours; twenty-six States offered intermediate training courses and these constituted the largest number of courses offered.

STATES OFFERING WATER QUALITY MANAGEMENT TRAINING COURSES FY 1973

<u>Type of / Course</u>	<u>Courses Offered Number</u>	<u>Attendance</u>		<u>States Reporting Attend. No.</u>	<u>States Offering Courses No.</u>
		<u>Manhours Number</u>	<u>Personnel Number</u>		
FUNDAMENTAL	211	220,298	84,228	30	33
INTERMEDIATE	351	155,951	2,969	24	26
ADVANCED	65	106,403	1,575	21	23
LABORATORY PROCEDURES	100	20,349	1,164	20	25
REFRESHER	102	56,794	3,305	19	19
OTHER	105	110,537	2,983	19	24
TOTAL	934	670,332	20,424		

WATER QUALITY MANAGEMENT TRAINING

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	TRAIN PERS	OTHERS
FUNDAMENTAL	1730	13	100	5	40	10	40	5
INTERMEDIATE	1912	10	200	10	70	30	70	20
ADVANCED	0							
LAB PROCEDURES	680	5	150	5	70	70		5
REFRESHER	760	3	90		30	30	30	
OTHER (Specify)	0	0						

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	TRAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES	Program To Be Developed							
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	TRAIN PERS	OTHERS
FUNDAMENTAL	8000	2	50		50			
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER	1200	2	15					
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	TRAIN PERS	OTHERS
FUNDAMENTAL	12,112	26	80	80				
INTERMEDIATE	9,686	2	20	10	10			
ADVANCED	40	1	8	6	2			
LAB PROCEDURES	560	1	25	5		20		
REFRESHER	80	2	20	10	5	3	2	
OTHER (Specify) Field	5250	1	35	5	30			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	TRAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES	--							
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOUR ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	48	1	144					
INTERMEDIATE								
ADVANCED	40	1	43					
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	1000	1	30	5	20	5		
INTERMEDIATE	8640	5	60		40		20	
ADVANCED	720	1	20	5	10	5		
LAB PROCEDURES	360	1	10		2	8		
REFRESHER	900	1	60	10	40	5	5	
OTHER Sup Inst (Specify) for OJT	300	1	5	5				

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify) OJT		1						

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES	--							
REFRESHER								
OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	3750	2	150	5	130	5	10	
INTERMEDIATE	----							
ADVANCED	1500	2	60	5	50	3	2	
LAB PROCEDURES	1200	1	15			15		
REFRESHER								
OTHER (Specify)	10,000	2	40		40			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED			NO REPORT					
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	600	1	30		15	4	11	
INTERMEDIATE								
ADVANCED	1100	1	57		25	6	21	
LAB PROCEDURES	350	1	87		40	10	37	
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	30,000	15	400		325	25	50	
INTERMEDIATE	16,000	5	175	175				
ADVANCED	4,800	2	100	25	50	15	10	
LAB PROCEDURES	4,200	5	150	25	25	100		
REFRESHER	19,200	5	1200	200	700	200	100	
OTHER (Specify)	2,000	10	500		400	50	50	

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES	340	5	60			60		
REFRESHER								
OTHER (Specify) STP	15,000	8	160					

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL	6250	6	250		250			
INTERMEDIATE								
ADVANCED	1000	1	50	5	30	4	5	6
LAB PROCEDURES	1000	2	40		20	20		
REFRESHER	1050	1	70	30	30	5		5
OTHER (Specify)	1100	5	50		50			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL		3	150		140	2		8
INTERMEDIATE		1	115	5	80	10	10	10
ADVANCED								
LAB PROCEDURES		1	59		55	2		2
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL	300	1	50		50			
INTERMEDIATE	16,500	3	63		58	5		
ADVANCED								
LAB PROCEDURES								
REFRESHER	3,600	1	200	10	180	10		
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL	10,000	4	80	10	70			
INTERMEDIATE	9,000	4	80	10	70			
ADVANCED	5,000	4	60		58	2		
LAB PROCEDURES	1,800	5	45		40	5		
REFRESHER								
OTHER (Specify)	2,000		50					50

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL								
INTERMEDIATE	1080	1	18		18			
ADVANCED	42,300	2	37	25	12			
LAB PROCEDURES								
REFRESHER	1,200	2	30	5	10	5	5	5
OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	9600	1	12		12			
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)	3000	1	200		200			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	6,000	2	40	4	36			
INTERMEDIATE	10,000	5	50	8	42			
ADVANCED	450	1	10	3	7			
LAB PROCEDURES	450	2	45	5	40			
REFRESHER	400	2	10	4	5			
OTHER (Specify) OJT	6,000	2	20					

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER	5,000	4	350	30	300	20		
OTHER (Specify) Phosphorus Act Sludge	2,100 5,100	1 7	20 84		20 84			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	8,750	8	175		175			
INTERMEDIATE	3,600	1	200		200			
ADVANCED	3,000	4	75		75			
LAB PROCEDURES								
REFRESHER	900	4	150				150	
OTHER (Specify)	3,000	1	150				150	

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	462	4	75		50	5	10	10
INTERMEDIATE	808	6	130		85	25	10	10
ADVANCED	230	2	40	5	25	5		5
LAB PROCEDURES	345	2	55	5	20	15	5	10
REFRESHER	115	2	17		12	3		2
OTHER (Specify)	345	1	58		35		15	8

WATER QUALITY MANAGEMENT TRAINING

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	2000	2	20	10	5	5		
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES	2000	12	60				60	
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	2500							
INTERMEDIATE								
ADVANCED	600							
LAB PROCEDURES	380							
REFRESHER								
OTHER (Specify)	Corres 4000 OJT 1500							

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	10,000	2	50		50			
INTERMEDIATE	3,000	1	10				10	
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE	2400	1	20	15	5			
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE	2400	1	20	15	5			
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	12600	8	105					
INTERMEDIATE								
ADVANCED	8280	5	92					
LAB PROCEDURES	900	1	20					
REFRESHER								
OTHER (Specify)	660	1	22					

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	24	12	252	2	250			
INTERMEDIATE	20	1	255	5	250			
ADVANCED	20	1	260	10	250			
LAB PROCEDURES	40	1	23	3	20			
REFRESHER								
OTHER Chlorination (Specify)	3	1	80		80			
Nat Control	400	3	65		65			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	12,000	20	240		240			
INTERMEDIATE	8,000	20	160		160			
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	875 4360	1 3	27 24		21 24		6 0	
INTERMEDIATE	525 960	1 3	13 10		13 10			
ADVANCED	125 769	1 3	5 8		5 8			
LAB PROCEDURES	138 336	1 3			all attend lab courses			
REFRESHER	75		2		2			
OTHER (Specify)	1680		42		42			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS				
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS.	MAIN PERS.
FUNDAMENTAL							
INTERMEDIATE							
ADVANCED							
LAB PROCEDURES			NOT REPORTED				
REFRESHER							
OTHER (Specify)							

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS				
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS.	MAIN PERS.
FUNDAMENTAL	2000	25	600		300	50	250
INTERMEDIATE	6000	2	400	10	200	50	150
ADVANCED	3000	1	150	30	55	15	50
LAB PROCEDURES	400	25				50	
REFRESHER	8000	25	550	50	225	50	225
OTHER One Day (Specify) Mtgs.	8000	25	550	50	-25	50	225

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS				
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS.	MAIN PERS.
FUNDAMENTAL	1500	1	75	-	65	-	10
INTERMEDIATE	1700	1	85	15	60	-	10
ADVANCED	600	1	50	40	10	-	-
LAB PROCEDURES	400	2	25	-	-	25	-
REFRESHER	1280	4	20	-	20	-	-
OTHER (Specify)							

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS				
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.
FUNDAMENTAL	36000	50	1200	25	1175		
INTERMEDIATE	21000	28	700	25	675		
ADVANCED	15000	20	500	20	480		
LAB PROCEDURES	3600	3	120	-	-	120	
REFRESHER	12000	20	400	15	385		
OTHER (Specify)	19800	3	60	-	60		

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS				
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS.	MAIN PERS.
FUNDAMENTAL	144	2	20		18	2	
INTERMEDIATE	80	1	20		18		2
ADVANCED							
LAB PROCEDURES							
REFRESHER							
OTHER (Specify)		1	11		9		2

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL		4	55		55			
INTERMEDIATE		2	30	30				
ADVANCED								
LAB PROCEDURES								
REFRESHER		5	260		260			
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	600	5	60	2	50	-	8	
INTERMEDIATE	320	1	25	2	15	3	5	
ADVANCED	200	1	15	3	6	6	-	
LAB PROCEDURES	120	1	30	5	5	20	-	
REFRESHER	50	1	25	5	10	5	5	
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	10000	1	350					
INTERMEDIATE								
ADVANCED	9450	4						
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL		17	17		507			
INTERMEDIATE		12			16			
ADVANCED		2			1026			
LAB PROCEDURES		6			598			
REFRESHER								
OTHER (Specify)		3	505					

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL	100-150				24+			
INTERMEDIATE	24	2			60			
ADVANCED								
LAB PROCEDURES	30	2			40			
REFRESHER								
OTHER (Specify)	8	2			60			

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL	13000	13	130		130			
INTERMEDIATE	12900	192	260		260			
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)	7600	12	600	200				400

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)	8862	1 1	20 50					

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	MAIN PERS.	OTHERS
FUNDAMENTAL	4000	36	185		160			25
INTERMEDIATE	10400	36	225		200			25
ADVANCED	8200	2	208	100	80	10		18
LAB PROCEDURES	2750	6	80	5	15	50		10
REFRESHER	960	16	120	25	50	10		35
OTHER (Specify)	3900	11	256	250				6

WATER QUALITY MANAGEMENT TRAINING

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TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE	9000	1	50		20			30
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL	40	1	20	8	12			
INTERMEDIATE	40	2	20	8	12			
ADVANCED	40	2	20	8	12			
LAB PROCEDURES	40	1	1			1		
REFRESHER	24	1	1			1		
OTHER (Specify)								

TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT	PROCESS OPERATORS	LAB PERS	MAIN PERS	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER (Specify)								

Certification of Waste Treatment Plant Operators

Training and certification of Waste Treatment Plant Operators parallels, in importance, the construction of good quality waste treatment plants. Proper operation of a waste treatment plant results in utilization of the plant's capacity in reducing effluent efficiently, thereby reducing stream pollution.

Apparently, an educational program of considerable magnitude is needed. A number of States have mandatory operator certification programs; some have voluntary programs, and a few have no programs.

<u>State Certification Programs</u>	<u>Number of States/Territories</u>	
		%
<i>Mandatory</i>	28	52%
<i>Voluntary</i>	20	37%
<i>None</i>	6	11%
<i>TOTAL</i>	54	100%

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF			
			OPERATORS	FACILITIES W/CERTIF. OPERATORS	CERTIF. OPERS.	TO BE CERTIF. THIS YEAR
ALABAMA	Voluntary	MUNICIPAL INDUSTRIAL STATE FEDERAL	375	230 100	167	327
ALASKA	None	MUNICIPAL INDUSTRIAL STATE FEDERAL				
ARIZONA	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL	206 61 11 38	100 61 12 107	90 3 0 5	100 2 11 33
ARKANSAS	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL	500 160 35 22	226 2 3 3	439 48 5 9	55 9 2 5
CALIFORNIA	Voluntary	MUNICIPAL INDUSTRIAL STATE FEDERAL	2750	560	1825	100
COLORADO	Voluntary	MUNICIPAL INDUSTRIAL STATE FEDERAL	1208	431	1208	--
CONN.	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL	348 14	90 14	348 14	50 14
DELAWARE	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL				
D. C.	None	MUNICIPAL INDUSTRIAL STATE FEDERAL				
FLORIDA	Voluntary	MUNICIPAL INDUSTRIAL STATE FEDERAL				
GEORGIA	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL	1600 - 30 50		800	800
HAWAII		MUNICIPAL INDUSTRIAL STATE FEDERAL				
IDAHO	Voluntary	MUNICIPAL INDUSTRIAL STATE FEDERAL	225 75 1 5	37 8 0 4	100 8 0 4	20 6 0 0
ILLINOIS	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL	1000 250 75 50	586 137 321 20	1105 238 50 35	100 750 25 10
INDIANA	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL	815 750 47 10	266 693 37 3	540 716 32 3	90 120 5 2
IOWA	Voluntary	MUNICIPAL INDUSTRIAL STATE FEDERAL	2000 900 60 9	520 14 13 3	1219 119 110 9	400 - - -
KANSAS	Voluntary	MUNICIPAL INDUSTRIAL STATE FEDERAL	540 - - -	100 - - -	215 - - -	35 - - -
KENTUCKY	Mandatory	MUNICIPAL INDUSTRIAL STATE FEDERAL	- - - -	157 23 40 14	315 48 46 17	45 15 10 5

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF			
			OPERATORS	FACILITIES W/CERTIF. OPERATORS	CERTIF. OPERS.	TO BE CERTIF. THIS YEAR
LOUISIANA	Voluntary	MUNICIPAL	400	43	92	100
		INDUSTRIAL	12	5	6	2
		STATE	15	7	9	3
		FEDERAL	12	5	7	2
MAINE	Mandatory	MUNICIPAL	74	46	74	-
		INDUSTRIAL	-	1	1	-
		STATE	12	9	12	-
		FEDERAL	3	2	3	-
MARYLAND	Mandatory	MUNICIPAL	380	233	233	330
		INDUSTRIAL	500	100	100	200
		STATE	30	20	22	8
		FEDERAL	40	4	5	33
MASS.	Mandatory	MUNICIPAL				500+
		INDUSTRIAL				
		STATE				
		FEDERAL				
MICHIGAN	Mandatory	MUNICIPAL	1700	226	1000	100
		INDUSTRIAL	1200	310	547	180
		STATE	40	10	-	-
		FEDERAL	-	-	-	-
MINNESOTA	Mandatory	MUNICIPAL	1200	212	550	450
		INDUSTRIAL	150	9	10	20
		STATE	50	8	8	40
		FEDERAL	25	3	3	5
MISS.	Voluntary	MUNICIPAL	226	-	-	50
		INDUSTRIAL	25	-	-	15
		STATE	14	-	-	8
		FEDERAL	-	-	-	-
MISSOURI	Voluntary	MUNICIPAL	505	348	400	50
		INDUSTRIAL	50	-	-	-
		STATE	82	-	-	-
		FEDERAL	12	-	-	-
MONTANA	Mandatory	MUNICIPAL	240	137	238	20
		INDUSTRIAL	169	47	169	10
		STATE	17	5	17	1
		FEDERAL	-	-	-	-
NEBRASKA	Voluntary	MUNICIPAL	550	115	185	50
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
NEVADA	Voluntary	MUNICIPAL	80	11	53	15
		INDUSTRIAL	15	-	-	1
		STATE	2	-	-	-
		FEDERAL	10	1	1	-
NEW HAMP.	Mandatory	MUNICIPAL	45	15	17	15
		INDUSTRIAL	35	-	-	-
		STATE	-	-	-	-
		FEDERAL	5	1	1	4
NEW JERSEY	Mandatory	MUNICIPAL	502	509	502	99
		INDUSTRIAL	178	94	178	5
		STATE	22	25	22	6
		FEDERAL	8	5	5	9
NEW MEX.	Voluntary	MUNICIPAL	300	92	300	70
		INDUSTRIAL	-	-	-	-
		STATE	47	4	1	3
		FEDERAL	10	4	10	5
NEW YORK	Mandatory	MUNICIPAL				
		INDUSTRIAL				
		STATE				
		FEDERAL				
N. CAROLINA	Mandatory	MUNICIPAL	-	310	310	300
		INDUSTRIAL	-	268	268	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
N. DAKOTA	Mandatory	MUNICIPAL	280	37	64	25
		INDUSTRIAL	15	0	0	2
		STATE	10	0	0	2
		FEDERAL	30	2	4	4
OHIO	Mandatory	MUNICIPAL				
		INDUSTRIAL				
		STATE				
		FEDERAL				

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF			
			OPERATORS	FACILITIES W/CERTIF. OPERATORS	CERTIF. OPERS.	TO BE CERTIF. THIS YEAR
OKLAHOMA	Mandatory	MUNICIPAL	930	450	930	400
		INDUSTRIAL	40	20	40	10
		STATE	50	50	50	10
		FEDERAL	80	70	80	20
OREGON	Voluntary	MUNICIPAL	470	165	286	50
		INDUSTRIAL	-	-	-	-
		STATE	5	2	2	-
		FEDERAL	21	5	5	-
PENNA.	Mandatory	MUNICIPAL	200	-	1406	417
		INDUSTRIAL	-	-	-	40
		STATE	106	-	66	40
		FEDERAL	60	-	20	-
RH. ISLAND	Mandatory	MUNICIPAL	90	13	36	UNK
		INDUSTRIAL	1	1	1	-
		STATE	7	6	2	-
		FEDERAL	7	-	0	-
S. CAROLINA	Mandatory	MUNICIPAL	-	-	1598	705
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
S. DAKOTA	Mandatory	MUNICIPAL	280	88	150	20
		INDUSTRIAL	31	-	-	-
		STATE	10	1	1	-
		FEDERAL	25	4	6	-
TENNESSEE	Mandatory	MUNICIPAL	700	211	388	50
		INDUSTRIAL	-	60	70	65
		STATE	50	19	22	10
		FEDERAL	-	18	27	10
TEXAS	Mandatory	MUNICIPAL	-	-	-	-
		INDUSTRIAL	-	-	-	-
		STATE	-	1018	2789	1075
		FEDERAL	-	-	-	-
UTAH	Voluntary	MUNICIPAL	-	NO REPORT	-	-
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
VERMONT	Voluntary	MUNICIPAL	108	-	15	108
		INDUSTRIAL	60	-	-	60+
		STATE	2	-	-	2
		FEDERAL	0	-	-	-
VIRGINIA	Mandatory	MUNICIPAL	-	-	908	141+
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
WASH.	Voluntary	MUNICIPAL	-	-	-	-
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
WEST VA.	Voluntary	MUNICIPAL	-	139	248	30
		INDUSTRIAL	-	-	13	-
		STATE	-	1	2	30
		FEDERAL	-	2	2	-
WISCONSIN	Voluntary	MUNICIPAL	1150	640	1141	100
		INDUSTRIAL	75	60	60	30
		STATE	12	9	9	3
		FEDERAL	14	11	11	3
WYOMING	Voluntary	MUNICIPAL	-	-	0	-
		INDUSTRIAL	-	-	0	-
		STATE	-	-	70	-
		FEDERAL	-	-	-	-
GUAM	None	MUNICIPAL	-	-	-	-
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
PUERTO RICO	None	MUNICIPAL	-	-	-	-
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-
VIR. ISL.	None	MUNICIPAL	-	-	-	-
		INDUSTRIAL	-	-	-	-
		STATE	-	-	-	-
		FEDERAL	-	-	-	-

Inspections, Reporting and Permitting

Most of the States carry out inspection, reporting and permitting programs to assure that waste treatment plants are performing to their fullest potential. These programs are a means for determining actions necessary to correct operating deficiencies if State water quality standards are violated.

The following tabulations indicate that inspection programs are carried out in 47 States or territories; monthly operating reports are required in 41 States or territories and; 42 States have some type of permit program.

A L B A M A	M	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
	TOTAL NUMBER OF DISCHARGES	250	261	15	24	550
	TOTAL NUMBER OF TREATMENT FACILITIES	230	261	15	24	530
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	212	218	14		444
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	180	202	15		397
	TOTAL NUMBER OF INSPECTIONS	200	336	15		551
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	180	191	14		385
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	28	86	0		114
	REPORTING FREQUENCY	Monthly	Monthly	None	None	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
	PLANNED NUMBER OF PERMIT REVIEWS	-	-	-	-	-
A L A S K A		TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
	TOTAL NUMBER OF DISCHARGES			6		
	TOTAL NUMBER OF TREATMENT FACILITIES	15	14	6		35
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	0	5	0		5
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	15	11	6		32
		45	22	12		79
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	-	-	-	-
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	9	2	2	1	14
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	-	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	12	6	0	-	18
	PLANNED NUMBER OF PERMIT REVIEWS	-	-	-	-	-
A R I Z O N A	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES	100	61	12	107	280
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	100	61	12	107	280
	TOTAL NUMBER OF INSPECTIONS					
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
	REPORTING FREQUENCY					
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20	5	5	10	40
	PLANNED NUMBER OF PERMIT REVIEWS					

ARKANSAS

ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	234	171	11	4	420
TOTAL NUMBER OF TREATMENT FACILITIES	226	163	9	4	402
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	221	162	9		392
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	226	150	9	4	389
TOTAL NUMBER OF INSPECTIONS	-	-	-	-	-
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	220	159	8		387
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	16	15	0	1	32
REPORTING FREQUENCY	Monthly	Monthly		Monthly	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	204	36	0	0	240
PLANNED NUMBER OF PERMIT REVIEWS	26	6	1		33

CALIFORNIA

ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	775	1500	25	75	2350
TOTAL NUMBER OF TREATMENT FACILITIES	775	1400	25	75	2250
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	775	1300	25		2078
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	775	1400	25	75	2250
TOTAL NUMBER OF INSPECTIONS	1200	1700	30	80	3010
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	700	1350	20		2168
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	530	700	18	54	1302
REPORTING FREQUENCY	Weekly	to Yearly			
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	800	0	50	10	860
PLANNED NUMBER OF PERMIT REVIEWS	75	500	2		578

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	233	134	22	34	399
TOTAL NUMBER OF TREATMENT FACILITIES	230	134	22	34	396
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-	-	-	-	-
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	230	100	22	34	396
TOTAL NUMBER OF INSPECTIONS	-	-	-	-	-
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	-	-	-	-
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	89	20	1	9	119
REPORTING FREQUENCY	Monthly	-	Mthly	Monthly	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)		12	-	-	-
PLANNED NUMBER OF PERMIT REVIEWS	-	-	-	-	-

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	99	669	20	4	792
TOTAL NUMBER OF TREATMENT FACILITIES	99	427	20	4	544
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	99	427	-	-	520
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	99	427	20	4	544
TOTAL NUMBER OF INSPECTIONS	650	742	60	12	1474
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	99	427	-	-	520
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	93	-	17	-	110
REPORTING FREQUENCY	Monthly	-	Mthy	-	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	250	165	-	-	415
PLANNED NUMBER OF PERMIT REVIEWS	-	116	-	-	116

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	16	28	3	2	49
TOTAL NUMBER OF TREATMENT FACILITIES	16	28	3	2	49
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	16	28	3	-	47
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	16	28	3	2	49
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	16	25	3	-	44
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	16	-	1	-	17
REPORTING FREQUENCY	Monthly	-	Mthy	-	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
PLANNED NUMBER OF PERMIT REVIEWS	16	28	3	-	47

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES					
TOTAL NUMBER OF TREATMENT FACILITIES	1	13	0	10	24
TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS		13		10	23
TOTAL NUMBER OF INSPECTIONS					
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
PLANNED NUMBER OF PERMIT REVIEWS		13			13

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	1043	443	30		
TOTAL NUMBER OF TREATMENT FACILITIES	1714	346	30		
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	1714	346	30		
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	100	301	10		
TOTAL NUMBER OF INSPECTIONS	-	-	-		
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	425	44	20		
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	-	100			
REPORTING FREQUENCY	monthly	monthly			
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	100	30			
PLANNED NUMBER OF PERMIT REVIEWS	1000	300			

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	489	413	55	24	981
TOTAL NUMBER OF TREATMENT FACILITIES	462	274	55	24	815
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	367	164	33		564
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	160	120	2	3	375
TOTAL NUMBER OF INSPECTIONS	464	700	150	6	1272
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	160	88	55		303
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	200	98	8	1	307
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	90	0	5	-	95
PLANNED NUMBER OF PERMIT REVIEWS	100	-	5		105

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	79	92	8	19	198
TOTAL NUMBER OF TREATMENT FACILITIES	33	16	6	7	62
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	79	64	6	-	149
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	33	16	6	3	58
TOTAL NUMBER OF INSPECTIONS	33	16	6	3	58
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	26	21	6	-	54
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	24	21	1	5	51
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	9	5	2	2	18
PLANNED NUMBER OF PERMIT REVIEWS	79	64	6	7	156

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	98	65	1	4	168
TOTAL NUMBER OF TREATMENT FACILITIES	91	65	1	4	161
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	20	30	1		51
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	91	65	1	4	161
TOTAL NUMBER OF INSPECTIONS	360	260	4	16	640
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	--	--	-		-
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	20	30	1	-	51
REPORTING FREQUENCY	monthly	monthly		-	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	15	10	-	-	25
PLANNED NUMBER OF PERMIT REVIEWS	none will expire				

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	1203	2250	92	50	3595
TOTAL NUMBER OF TREATMENT FACILITIES	703	372	47	36	1158
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	824	558	92		1474
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	598	255	22	21	896
TOTAL NUMBER OF INSPECTIONS	1667	708	27	31	2443
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	--	--	-		-
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	630	230	23	8	891
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	173	35	2	2	212
PLANNED NUMBER OF PERMIT REVIEWS	2023	575	68		2666

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	304	1500	44	10	1858
TOTAL NUMBER OF TREATMENT FACILITIES	232	950	44	10	1286
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-	-	-	-	-
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	282	750	44	8	1084
TOTAL NUMBER OF INSPECTIONS	1200	1000	176	-	2376
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	236	450	35	-	721
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	236	75	35	2	348
REPORTING FREQUENCY	monthly	monthly	monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	60	75	-	-	135
PLANNED NUMBER OF PERMIT REVIEWS	200	250	5	-	455

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	600	400	60	2	1152
TOTAL NUMBER OF TREATMENT FACILITIES	600	107	60	2	769
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	600	327	60	1	968
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	600	200	60	-	860
TOTAL NUMBER OF INSPECTIONS	1000	200	60	-	1260
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	510	40	60	-	600
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	500	40	-	-	540
REPORTING FREQUENCY	monthly	varies	monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
PLANNED NUMBER OF PERMIT REVIEWS	120	25	-	-	-

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	-	-	-	-	629
TOTAL NUMBER OF TREATMENT FACILITIES	460	150	11	8	629
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	460	25	11	-	496
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	160	75	5	3	243
TOTAL NUMBER OF INSPECTIONS	160	75	5	3	243
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	460	25	11	-	496
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	22	20	1	1	44
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
PLANNED NUMBER OF PERMIT REVIEWS	350	120	3	-	473

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	209	300	62	33	64
TOTAL NUMBER OF TREATMENT FACILITIES	191	300	62	30	583
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	191	295	62	-	548
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	191	300	62	10	563
TOTAL NUMBER OF INSPECTIONS	617	2230	41	14	2972
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	189	290	60	-	539
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	130	-	25	-	155
REPORTING FREQUENCY	monthly	on req.	monthly	on req.	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	100	-	-	-	100
PLANNED NUMBER OF PERMIT REVIEWS	all permits reviewed annually				

LOUISIANA

ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	319		14		
TOTAL NUMBER OF TREATMENT FACILITIES	303		13		
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-		-		
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	303		14		
TOTAL NUMBER OF INSPECTIONS	303		14		
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-		-		
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	45		1		
REPORTING FREQUENCY	monthly		-		
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20		3		
PLANNED NUMBER OF PERMIT REVIEWS	-		-		

MAINE

ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	118	1452	10	-	1580
TOTAL NUMBER OF TREATMENT FACILITIES	46	23	9	7	85
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	35	101	9	-	145
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	46	100	9	7	162
TOTAL NUMBER OF INSPECTIONS	92	100	18	14	226
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	35	101	9	-	145
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	42	3	2	2	49
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	150	-	-	-	150
PLANNED NUMBER OF PERMIT REVIEWS	-	232	-	-	232

MARYLAND

ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES		1046			1046+
TOTAL NUMBER OF TREATMENT FACILITIES	280	963	27	46	1316
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	349	371	27	-	847
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	280	115	27	46	1568
TOTAL NUMBER OF INSPECTIONS	840	4021	60	100	5021
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	251	316	24	-	591
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	100	60	10	5	175
REPORTING FREQUENCY	monthly	quarterly	monthly	monthly	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	338	-	-	338
PLANNED NUMBER OF PERMIT REVIEWS	800	888	5	-	1693

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	84	165	29	15	293
TOTAL NUMBER OF TREATMENT FACILITIES	84	267	29	15	395
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	84	165	29	-	278
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	108	296	29	15	440
TOTAL NUMBER OF INSPECTIONS	1000	592	290	150	2032
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	84	264	29	-	377
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	72	27	5	1	119
REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	60	32	2	-	94
PLANNED NUMBER OF PERMIT REVIEWS	10	50	2	-	62

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	332	1702	-	-	2037
TOTAL NUMBER OF TREATMENT FACILITIES	332	630	8	5	975
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	332	872	8	-	1212
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	332	1346	8	5	1691
TOTAL NUMBER OF INSPECTIONS	2200	5000	16	10	7226
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	332	1182	8	-	1522
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	332	370	8	-	710
REPORTING FREQUENCY	Monthly	Monthly	Monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	150	-	-	-	150
PLANNED NUMBER OF PERMIT REVIEWS	1000	200	-	-	1200

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	482	490	17	20	1009
TOTAL NUMBER OF TREATMENT FACILITIES	465	450	16	19	950
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	115	109	2	-	226
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	465	250	-	-	715
TOTAL NUMBER OF INSPECTIONS	500	150	-	-	650
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	52	43	2	-	97
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	360	115	12	1	488
REPORTING FREQUENCY	Monthly	Monthly	Monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	35	35	-	-	70
PLANNED NUMBER OF PERMIT REVIEWS	80	250	-	-	330

MISSISSIPPI

ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	308	390	14	-	712
TOTAL NUMBER OF TREATMENT FACILITIES	299	100	14	-	413
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	299	370	14	-	682
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	30	75	10	-	115
TOTAL NUMBER OF INSPECTIONS	30	75	10	-	115
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	284	370	14	-	668
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	18	11	2	-	31
REPORTING FREQUENCY	monthly	monthly	monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	18	10	-	-	28
PLANNED NUMBER OF PERMIT REVIEWS	150	310	-	-	460

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	492	755	82	12	1341
TOTAL NUMBER OF TREATMENT FACILITIES	492	620	82	12	1206
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	454	451	82	-	987
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	492	575	82	-	1149
TOTAL NUMBER OF INSPECTIONS	470	575	80	-	1125
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	441	400	81	-	922
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	362	19	4	5	390
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	50	-	-	50
PLANNED NUMBER OF PERMIT REVIEWS	600	640	-	-	1240

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	133	61	5	-	200
TOTAL NUMBER OF TREATMENT FACILITIES	145	70	6	-	221
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	131	60	6	-	197
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	145	70	6	5	126
TOTAL NUMBER OF INSPECTIONS	200	80	10	5	295
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	27	7	1	-	35
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	80	20	6	3	109
REPORTING FREQUENCY	monthly-ann	monthly	non-ann	annual	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20	10	-	-	30
PLANNED NUMBER OF PERMIT REVIEWS	60	60	2	-	122

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	150	100	20	8	578
TOTAL NUMBER OF TREATMENT FACILITIES	450	100	20	8	578
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-	-	0	-	-
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	450	100	20	8	578
TOTAL NUMBER OF INSPECTIONS	600	150	40	16	806
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	-	-	-	-
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	4	100	-	-	104
REPORTING FREQUENCY	monthly	varies	-	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	50	-	-	-	50
PLANNED NUMBER OF PERMIT REVIEWS	-	-	-	-	-

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES					
TOTAL NUMBER OF TREATMENT FACILITIES	39	10	2	6	57
TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	39	4	2	3	48
TOTAL NUMBER OF INSPECTIONS	85	4	2	4	95
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	37	9	2		48
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	8	0	0	0	8
REPORTING FREQUENCY		Monthly			
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20	1	1		22
PLANNED NUMBER OF PERMIT REVIEWS	5				5

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES		150			150+
TOTAL NUMBER OF TREATMENT FACILITIES	51	20	2	2	75
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-	20	-	-	20
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	51	50	2	2	105
TOTAL NUMBER OF INSPECTIONS	500	75	24	24	623
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	15	-	-	15
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	45	-	1	-	46
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	600	-	-	-	600
PLANNED NUMBER OF PERMIT REVIEWS	-	20	-	-	20

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	625	287	28	24	464
TOTAL NUMBER OF TREATMENT FACILITIES	625	102	28	24	779
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	621	102	28	-	751
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	625	102	28	24	779
TOTAL NUMBER OF INSPECTIONS	2160	307	76	70	2613
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	453	72	26	-	551
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	625	92	24	6	750
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	600	-	10	-	610
PLANNED NUMBER OF PERMIT REVIEWS	25	15	2	-	42

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	89	90	4	5	188
TOTAL NUMBER OF TREATMENT FACILITIES	89	40	4	5	138
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-	-	-	-	-
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	60	25	4	5	94
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	60	25	4	5	94
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	-	-	-	-
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	1	2	-	-	3
REPORTING FREQUENCY	-	Semi-ann	-	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	40	10	-	-	50
PLANNED NUMBER OF PERMIT REVIEWS	-	-	-	-	-

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES					
TOTAL NUMBER OF TREATMENT FACILITIES					
TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS					
TOTAL NUMBER OF INSPECTIONS					
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
PLANNED NUMBER OF PERMIT REVIEWS					

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	551	516	51	29	1147
TOTAL NUMBER OF TREATMENT FACILITIES	543	460	55	27	1085
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	522	421		1	944
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	455	407		4	866
TOTAL NUMBER OF INSPECTIONS	910	814			1724
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	406	306			712
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	182	92			274
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	39	31			70
PLANNED NUMBER OF PERMIT REVIEWS	104	143			247

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	246	17	2	4	269
TOTAL NUMBER OF TREATMENT FACILITIES	246	17	2	4	269
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	NO	Permit	System		
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	150	8	2	4	164
	150	8	2	4	164
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	No	Permit	System		
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	37	7	1	4	49
REPORTING FREQUENCY	Varies	Monthly	monthly	monthly	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	Not a	Routine Practice			
PLANNED NUMBER OF PERMIT REVIEWS	No permit	System			

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES					
TOTAL NUMBER OF TREATMENT FACILITIES					
TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS		NO REPORT			
TOTAL NUMBER OF INSPECTIONS					
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
PLANNED NUMBER OF PERMIT REVIEWS					

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	420	300	32	12	764
TOTAL NUMBER OF TREATMENT FACILITIES	420	300	32	12	764
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	420	300	32		752
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	420	300	32	12	764
TOTAL NUMBER OF INSPECTIONS	1250	1500	61	12	2826
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	325	280	25		630
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	340	81	25	2	448
REPORTING FREQUENCY	Monthly				
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	as needed				
PLANNED NUMBER OF PERMIT REVIEWS	1250	500	64		1814

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	280	475	5	20	780
TOTAL NUMBER OF TREATMENT FACILITIES	271	75	5	20	371
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	270	360	5	-	635
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	261	200	5	20	486
TOTAL NUMBER OF INSPECTIONS	390	300	10	20	720
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	230	260	5	-	495
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	240	50	5	9	304
REPORTING FREQUENCY	monthly	wkly/mo	monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20	-	-	-	20
PLANNED NUMBER OF PERMIT REVIEWS	120	160	2	-	282

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	2080	2000	110	30	4220
TOTAL NUMBER OF TREATMENT FACILITIES	2017	1600	110	30	3757
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	2017	2000	110	-	4127
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	2017	2000	110	30	4127
TOTAL NUMBER OF INSPECTIONS	3165	5000	220	60	8445
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	1500	1400	90	-	2990
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	1500	1000	75	-	2575
REPORTING FREQUENCY	monthly	monthly	monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
PLANNED NUMBER OF PERMIT REVIEWS	627	115	3	-	745

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	13	33	5	2	53
TOTAL NUMBER OF TREATMENT FACILITIES	13	33	5	2	53
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	0	0	0		0
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	13	33	5	2	53
TOTAL NUMBER OF INSPECTIONS	436	193	100	24	753
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	0	0	0		0
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
REPORTING FREQUENCY	13 monthly	5 Annual	5 monthly	2 monthly	25 -
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
PLANNED NUMBER OF PERMIT REVIEWS	-	-	-		-

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES					
TOTAL NUMBER OF TREATMENT FACILITIES	801	392	109	21	1323
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	713	342	92	14	1161
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	867	464	212	40	1583
	2013	1123	602	102	3840
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	-	-	-	-	-
REPORTING FREQUENCY	-	-	-	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
PLANNED NUMBER OF PERMIT REVIEWS	-	-	-		-

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	220	34	24	-	278
TOTAL NUMBER OF TREATMENT FACILITIES	213	24	24	7	268
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	208	23	24	7	262
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	50	5	-	-	-
TOTAL NUMBER OF INSPECTIONS	-	-	-	-	55
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	88	9	5	-	102
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	89	4	4	-	97
REPORTING FREQUENCY	otr/mon	otr/mon	otr/mon	otr/mon	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	15	4	-	-	19
PLANNED NUMBER OF PERMIT REVIEWS	208	23	24	7	262

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	257	600	35	87	1209
TOTAL NUMBER OF TREATMENT FACILITIES	253	450	35	87	1055
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	46	174	4	-	307
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	257	500	35	87	1109
TOTAL NUMBER OF INSPECTIONS	517	500	30	87	1434
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	46	174	4	-	307
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	235	300	31	30	711
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	76	30	-	2	139
PLANNED NUMBER OF PERMIT REVIEWS	257	500	35	-	1022

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	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	1785	1692	36	42	3499
TOTAL NUMBER OF TREATMENT FACILITIES	1785	1692	36	42	3499
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	1604	1223	32	20	2827
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	1785	1692	36	42	3499
- - - - -	2062	2041	55	12	4103
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	625	539	9	4	1164
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	794	505	24	4	1299
REPORTING FREQUENCY	qtr/mon	qtr/mon	qtr/mon	q/m	
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	25	-	-	-	24+
PLANNED NUMBER OF PERMIT REVIEWS	2675	2538	36	42	3499

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	121	339	2	9	471
TOTAL NUMBER OF TREATMENT FACILITIES	64	127	2	9	202
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	100	254	2	-	356
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	64	110	2	9	185
TOTAL NUMBER OF INSPECTIONS	110	60	2	9	181
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
PLANNED NUMBER OF PERMIT REVIEWS					

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	61	98	7	1	167
TOTAL NUMBER OF TREATMENT FACILITIES	61	85	7	1	154
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	57	82	2	--	141
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	61	98	7	1	167
TOTAL NUMBER OF INSPECTIONS	720	250	15	2	987
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	36	35	-	--	71
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	60	11	1	--	72
REPORTING FREQUENCY	monthly	monthly	monthly	--	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	650	-	-	-	650
PLANNED NUMBER OF PERMIT REVIEWS	4	31	5		40

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	305	375	72	53	805
TOTAL NUMBER OF TREATMENT FACILITIES	296	350	72	53	771
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	303	375	66		744
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	396	300	72	25	793
TOTAL NUMBER OF INSPECTIONS	600	600	72	25	1297
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	262	262	70		592
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	275	120	16	2	413
REPORTING FREQUENCY	monthly	monthly	monthly	monthly	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	50	30	-	-	80
PLANNED NUMBER OF PERMIT REVIEWS	200	200	15	53	468

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES		1170			
TOTAL NUMBER OF TREATMENT FACILITIES					
TOTAL NUMBER OF DISCHARGES UNDER PERMIT		1170			
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS					
TOTAL NUMBER OF INSPECTIONS		1170			
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
PLANNED NUMBER OF PERMIT REVIEWS					

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	205	583	12	25	825
TOTAL NUMBER OF TREATMENT FACILITIES	205	583	12	22	822
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	205	583	12	-	800
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	2460	6996	144	-	9600
TOTAL NUMBER OF INSPECTIONS	2460	6996	144	-	9600
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	205	583	12	-	800
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	205	583	12	1	801
REPORTING FREQUENCY	monthly	monthly	monthly	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	92	-	-	92
PLANNED NUMBER OF PERMIT REVIEWS	50	127	-	-	177

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	661	331	12	11	1015
TOTAL NUMBER OF TREATMENT FACILITIES	661	747	12	11	1431
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	661	700	12	-	1373
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	661	747	12	12	1431
TOTAL NUMBER OF INSPECTIONS	1230	1050	12	12	2303
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	-	-	-	-
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	600	300	5	5	906
REPORTING FREQUENCY	monthly	monthly	mon	mon	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	200	50	50	-	250
PLANNED NUMBER OF PERMIT REVIEWS	150	760	760	-	910

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	87	25	8	9	129
TOTAL NUMBER OF TREATMENT FACILITIES	84	25	8	9	126
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	none	-	-	-	-
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	75	25	8	9	117
TOTAL NUMBER OF INSPECTIONS	100	20	10	10	140
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	85	25	8	-	118
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	none	-	-	-	-
REPORTING FREQUENCY	none	-	-	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	9	-	-	-	9
PLANNED NUMBER OF PERMIT REVIEWS	None	-	-	-	-

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	5	3	5	7	20
TOTAL NUMBER OF TREATMENT FACILITIES	5	4	2	1	12
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	5	3	2		10
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	5	3	2	0	10
TOTAL NUMBER OF INSPECTIONS	20	12	8	0	40
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	5	4	2		11
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	0	0	0	0	0
REPORTING FREQUENCY	NA	NA	NA	NA	NA
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	10	6	8	-	24
PLANNED NUMBER OF PERMIT REVIEWS	12	8	4		24

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	87	1100	35	-	1222
TOTAL NUMBER OF TREATMENT FACILITIES	87	21	35	-	143
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-	13	11	-	24
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	87	21	35	-	143
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	174	42	70	-	286
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	-	-	-	-
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	87	-	-	-	87
REPORTING FREQUENCY	3X year	-	-	-	-
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	4	-	-	-	4
PLANNED NUMBER OF PERMIT REVIEWS	4	51	-	-	55

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ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES	17	4			21
TOTAL NUMBER OF TREATMENT FACILITIES	10	2			12
TOTAL NUMBER OF DISCHARGES UNDER PERMIT	27	4			23
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	17	4			21
TOTAL NUMBER OF INSPECTIONS	264	48			253
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	10	4			14
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	-	-			
REPORTING FREQUENCY	-	-			
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	80	-			80
PLANNED NUMBER OF PERMIT REVIEWS	17	4			21

Public Information

All of the States are active in the public information field. State activities run the gamut from answering school children's letters to setting up exhibits, and sending speakers to public meetings.

About twice as many States reported court actions in FY 1973 compared to FY 1972.

STATE	Board Meetings	Court Actions	News Releases	Reports/ Pamphlets	Slides/ Movies	Speeches
Alabama	X		X	X	X	X
Alaska	X	X	X	X	X	X
Arizona	X		X	X		X
Arkansas						
California	X	X	X	X	X	X
Colorado	X		X	X	X	X
Connecticut	X	X	X	X	X	X
Delaware	X		X	X	X	X
D.C.			X			X
Florida	X	X	X	X	X	X
Georgia	X		X	X	X	X
Hawaii			X	X	X	X
Idaho	X	X	X	X		X
Illinois	X		X	X	X	X
Indiana	X	X	X	X	X	X
Iowa	X	X	X			X
Kansas	X	X	X	X	X	X
Kentucky	X	X	X	X	X	X
Louisiana	X		X	X	X	X
Maine	X	X	X	X	X	X
Maryland	X	X	X	X		X
Massachusetts					X	X
Michigan	X	X	X	X		X
Minnesota	X	X	X	X	X	X
Mississippi	X	X	X	X	X	X
Missouri	X	X	X	X	X	X
Montana				X		X
Nebraska	X		X	X		X
Nevada			X	X		X
New Hampshire			X	X	X	X
New Jersey		X	X	X	X	X
New Mexico			X	X	X	X
New York	X	X	X	X	X	X
N. Carolina	X	X	X	X	X	X
North Dakota	X		X	X		X
Ohio	X	X	X	X	X	X
Oklahoma	X	X	X	X		X
Oregon			X	X		X
Pennsylvania	X	X	X	X	X	X
Rhode Island	X		X	X		X
S. Carolina			X	X		X
South Dakota	X	X	X	X	X	X
Tennessee	X	X	X	X		X
Texas	X	X	X	X	X	X
Utah	X		X	X		X
Vermont	X		X	X	X	X
Virginia	X	X	X	X	X	X
Washington						
West Virginia			X	X		X
Wisconsin	X	X	X	X	X	X
Wyoming	X		X	X		X
Guam	X		X	X	X	X
Puerto Rico	X		X	X	X	X
Vir. Islands			X	X	X	X

Source of Legal Counsel

Legal counsel furnishes advice to assure that the actions of the State agency and its staff are within the authority provided for its operations. The following listing provides a general guide as to the type of legal counsel provided in each State.

Alabama	Attorney Generals Office
Alaska	Alaska Department of Law's, Asst. Attn General
Arizona	Staff Attorney
Arkansas	Staff Attorney
California	9 Attorneys - Division of State Board
Colorado	Attorney General's Staff
Connecticut	Assistant Attorney General
Delaware	Dept. of Justice
D.C.	Corporation Counsel and U.S. Attorneys Office
Florida	Department of Legal Affairs and House Counsel
Georgia	Attorney Generals Office
Hawaii	Deputy Attorney General
Idaho	Office of State Attorney General
Illinois	Staff Attorneys
Indiana	State Board of Health/Deputy Attorney General
Iowa	Staff Attorney
Kansas	Attorney General's Office
Kentucky	Attorney Generals Office/Division of Legal Services
Louisiana	State Attorney General-La. Wildlife & Fisheries Attorney
Maine	Attorney Generals Office
Maryland	Staff of Attorney General's Office
Massachusetts	Staff Attorney/Attorney General's Office
Michigan	Attorney Generals Office
Minnesota	Attorney Generals Office
Mississippi	Assistant Attorney General
Missouri	Staff Attorney/AGO
Montana	Attorney Generals Office, Departmental Attorney
Nebraska	Staff Counselor; State Attorney General's Office
Nevada	Deputy Attorney General
New Hampshire	Attorney Generals Office
New Jersey	Attorney General
New Mexico	Staff Attorney - State Attorney General
New York	Agency Legal Staff
N. Carolina	Assistant Attorney General
North Dakota	Assistant Attorney General
Ohio	Attorney General
Oklahoma	Attorney General
Oregon	Attorney General
Pennsylvania	Staff Attorneys
Rhode Island	Attorney General
S. Carolina	Attorney General
South Dakota	Attorney General
Tennessee	Attorney General
Texas	Attorney General - Staff
Utah	Attorney General
Vermont	Attorney General
Virginia	Attorney General
Washington	Attorney General
West Virginia	Attorney General
Wisconsin	Department Staff - Attorney General
Wyoming	Attorney General
Guam	Attorney General
Puerto Rico	Board Staff
Virgin Islands	Sept. of Law