

ENVIRONMENTAL PROTECTION

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Summary of Appropriations by Program (thousands of dollars)

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S) Supple- mental	Reapp. & (R) Recpts.	Transfers & (E) Emer- gencies	Total Available	Expended		1990 Adjusted Approp.	Kean Admin. Request	Recom- mended
Natural Resource Management								
3,889	1,188	55	5,132	4,027	Water Supply and Watershed Management	3,820	3,618	3,238
4,875	115	92	5,082	5,062	Forest Resource Management	4,949	5,488	5,124
7,846	3,410	-1	11,255	9,122	Hunters' and Anglers' License Fund	9,300	9,300	9,300
1,472	5	34	1,511	1,500	Shellfish and Marine Fisheries Management	1,584	1,381	1,230
6,085	5,304	31	11,420	9,300	Marine Lands Management	5,931	6,186	5,963
414	20	5	439	427	Wildlife Management	239	94	94
24,581	10,042	216	34,839	29,438	<i>Subtotal</i>	25,823	26,067	24,949
Environmental Quality								
9,419	5,956	-470	14,905	13,399	Air Pollution Control	8,790	8,175	7,704
465	—	—	465	254	Noise Control	169	89	89
1,706	5	98	1,809	1,802	Water Monitoring and Planning	1,650	1,772	1,383
2,011	12	51	2,074	2,067	Water Enforcement	2,069	2,059	1,537
950	—	2	952	952	Public Waste Water Facilities	950	700	700
7,359	2,091	337	9,787	7,502	Solid Waste Resource Management	5,750	5,620	4,058
12,341	4,997	33	17,371	15,109	Geological Survey	11,525	12,346	11,546
34,251	13,061	51	47,363	41,085	<i>Subtotal</i>	30,903	30,761	27,017
Hazardous and Toxic Pollution Control								
4,449	3,355	-89	7,715	6,418	Radiation Protection	6,386	20,556	4,450
1,077	192	20	1,289	1,254	Pesticide Control	1,009	981	890
4,832	677	-8	5,501	5,414	Environmental Cancer and Toxic Substances	4,746	4,465	3,469
14,457	7,498	454	22,409	15,004	Spill Prevention, Response and Site Cleanup	14,816	14,717	7,982
5,514	1,049	180	6,743	5,143	Waste Management	3,991	3,898	2,415
30,329	12,771	557	43,657	33,233	<i>Subtotal</i>	30,948	44,617	19,206
Recreational Resource Management								
441	364	-133	672	672	Marina Operations	507	447	447
22,375	146	383	22,904	22,756	Parks Management	23,413	23,755	22,440
1,003	8	14	1,025	1,016	Navigational Aids	868	857	698
3,014	73	62	3,149	3,009	Palisades Interstate Park Commission	3,250	3,209	2,889
26,833	591	326	27,750	27,453	<i>Subtotal</i>	28,038	28,268	26,474
Environmental Planning and Administration								
2,299	6	66	2,371	2,369	Regulatory and Governmental Affairs	2,335	2,448	2,181
8,506	112	526	9,144	9,121	Management and Administrative Services	8,482	9,018	7,441
10,805	118	592	11,515	11,490	<i>Subtotal</i>	10,817	11,466	9,622
126,799	36,583	1,742	165,124	142,699	Total Appropriation	126,529	141,179	107,268

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

42. NATURAL RESOURCE MANAGEMENT

OBJECTIVES

1. To assure a safe and dependable supply of water.
2. To minimize potential damage to life and property due to flooding.
3. To improve the forest environment to provide for multiple use and minimize forest damage from wildfire, insects and disease.
4. To manage fish and wildlife resources for long-term biological, economic and recreational viability.
5. To preserve State riparian lands of significant ecological value and to maximize income from the sale of riparian lands of minimum ecological value.
6. To minimize personal and property damage from tidal waters of the State.
7. To preserve the ecological integrity of wetlands.
8. To manage coastal land other than wetlands and to provide for balanced multiple use.

PROGRAM CLASSIFICATIONS

05. **Water Supply and Watershed Management.** Potential flood damage is reduced by controlling all construction within the primary flood plains, planning and coordinating the design and construction of flood control works, and regulating impoundments of water which present a potential flood hazard. Flood plains are delineated and subject to State regulation. The Emergency Flood Control Bond Act is administered, which provides for development of a statewide flood control master plan and the awarding of grants to local agencies for flood control projects. Public water supplies are supervised and regulated to assure that water of the highest quality is delivered, and that adequate prime sources, pumpage, storage, transmission and distribution facilities are provided to maintain sufficient volume and pressure. Aquifers are protected and stabilized through the Water Supply Critical Areas Program.
06. **Water Facilities Operations.** The Delaware and Raritan Canal and the Spruce Run/Round Valley Reservoir systems are managed, operated and maintained as self-sustained sources of raw water for municipal and investor-owned potable water supply systems, industrial use and for irrigation. The operation of these water supply functions has been transferred to the New Jersey Water Supply Authority pursuant to P.L. 1981, c.293.

11. **Forest Resource Management.** The State's two million acres of forest resources are protected and developed through the cooperation of 3,000 private landowners and active scientific management of 180,000 acres of State and privately owned lands. Reforestation is encouraged through the production and distribution of seedlings and the rendering of technical assistance to forest product establishments and public or private forest owners. Wildfire prevention and control measures attempt to limit losses to 0.5% per year of the protected areas.
13. **Hunters' and Anglers' License Fund.** The wildlife resources of the State are managed through programs of research, regulation, habitat development, land acquisition, law enforcement and public education. Trout, pheasants and quail are reared at state hatcheries and game farms and released throughout the State; public lands are acquired and maintained for public use of wildlife resources. Regulations regarding hunting and fishing seasons are developed and licenses are sold to provide a source of revenue to manage the State's wildlife resources.
14. **Shellfish and Marine Fisheries Management.** The shellfish and marine resources of the State are maintained and enhanced through research programs, the depositing of oyster shells in depleted beds and the transplanting of clams from polluted to clean waters. Oyster and clam grounds in the Delaware Bay and along the Atlantic coast are leased to the shellfish industry for harvesting. The Marine Fisheries Resource Management program includes the protection of the resource from environmental degradation and the development of effective programs of species management for the benefit of recreational and commercial harvesters.
15. **Marine Lands Management.** The State's coastal zone resources are protected and managed through the administration and enforcement of riparian, waterfront development, CAFRA and wetlands laws and regulations and by means of the Shore Protection Bond Act, which provides assistance to local governments for the construction of groins, jetties, bulkheads, seawalls and the replenishment of beaches.
20. **Wildlife Management.** Wildlife research and control programs are conducted in order to better manage and utilize the State's wildlife resource. The Pequest Natural Resource Education Center promotes the importance of natural resources and the environment. Additional responsibilities include permit review for wildlife possession, bird banding, scientific collection and public information, deer pickup and the collection and analysis of fish for toxic contamination.

EVALUATION DATA

PROGRAM DATA	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
Water Supply and Watershed Management				
Community public water systems inspected	247	369	367	367
Community water system projects processed	123	170	80	80
Forest Resource Management				
Forest Management				
Forest Fire Suppression				
Fires (annual)	1,557	2,000	2,000	1,900

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

42. NATURAL RESOURCE MANAGEMENT

	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
Acres lost (annual)	4,351	2,000	24,000	22,000
Fires per million acres, national rank	3	3	3	3
Acres consumed per million acres protected				
National rank	3	3	3	3
Acres needing prescribed burning	8,800	20,000	20,000	20,000
Percent accomplished	55	60	60	60
Farmland Assessment Reviews	—	2,600	2,600	2,650
Acreage - Farmland Assessment	—	50,000	50,000	150,000
Urban Forest Assists	100	110	125	150
Forestry Assists	1,500	2,000	2,300	2,500
Seedling Production	900,000	900,000	900,000	1,000,000
Hunters' and Anglers' License Fund				
State-owned land managed (acres)	192,299	195,000	200,000	210,000
Hunting and fishing licenses and stamps issued	598,000	590,000	590,000	575,000
Trout propagated and distributed	628,000	600,000	600,000	600,000
Other fish propagated and distributed	80,000	80,000	80,000	100,000
Pheasants reared at game farms	50,000	50,000	50,000	50,000
Quail reared at game farms	15,000	15,000	15,000	15,000
Shellfish and Marine Fisheries Management				
Licenses	16,487	15,500	15,500	15,500
Acres leased	28,534	28,500	28,500	28,500
Seed oysters transplanted (bu.)	— ^(a)	—	—	—
Clams transplanted (bu.)	24,505	25,000	25,000	25,000
Leases	1,730	1,750	1,750	1,750
Marine Lands Management				
Waterfront development permit applications processed	876	922	1,120	1,120
Waterfront development permit inspections	1,008	814	895	940
Tidelands grants, leases and licenses processed	506	516	530	550
Tideland appraisals	112	126	148	155
Wetlands permit applications processed	59	62	65	65
Wetlands permit inspections	133	180	108	100
CAFRA permit applications processed	77	83	95	100
CAFRA permit inspections	471	423	317	320
Violation inspections	955	1,194	1,554	1,709
Stream encroachment applications processed	1,250	1,348	1,450	1,550
Freshwater wetlands permits processed	70	309	1,000	1,000
Freshwater wetlands letters of interpretation	—	1,228	3,000	3,000
Shore Protection				
Beach Replenishment	1	1	1	2
Dune Restoration	5	5	5	5
Construction Projects	7	10	7	5
PERSONNEL DATA				
Position Data				
Budgeted Positions	484	472	472	467
Water Supply and Watershed Management	45	41	41	40
Forest Resource Management	103	103	104	104
Hunters' and Anglers' License Fund	227	226	225	220
Shellfish and Marine Fisheries Management	39	39	39	39
Marine Lands Management	70	63	63	64

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT 42. NATURAL RESOURCE MANAGEMENT

	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
Positions Budgeted in Lump Sum Appropriations	55	128	196	207
Positions Supported by Appropriated Receipts	26	26	33	33
Authorized Positions—Federal	78	75	72	72
Authorized Positions—All Other	137	142	176	176
Total Positions	780	843	949	955

Notes: (a) The Delaware Bay Shellfish Council closed seed beds during fiscal year 1988 due to poor seed bed conditions and excessive mortality of transplanted oysters.

APPROPRIATIONS DATA (thousands of dollars)

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
Distribution by Program									
3,889	1,188	55	5,132	4,027					
					05	3,820	3,618	3,238	
4,875	115	92	5,082	5,062	11	4,949	5,488	5,124	
7,846	3,410	-1	11,255	9,122	13	9,300	9,300	9,300	
1,472	5	34	1,511	1,500	14	1,584	1,381	1,230	
6,085	5,304	31	11,420	9,300	15	5,931	6,186	5,963	
414	20	5	439	427	20	239	94	94	
24,581	10,042	216	34,839	29,438		25,823	26,067	24,949	
Distribution by Object									
Personal Services:									
12,514	356	-59	12,811	12,601		14,241	14,040	13,375	
—	47	1,498	1,545	1,150		—	—	—	
12,514	403	1,439	14,356	13,751		14,241^(a)	14,040	13,375	
1,825	410	-149	2,086	2,037		1,974	1,990	1,975	
1,092	247	-7	1,332	1,192		1,238	1,118	1,088	
723	103	-24	802	745		808	852	814	
Special Purpose:									
207	187 25 ^R	—	419	260	05	207	207	207	
33	47	1	81	15					
325	313	2	640	259	05	33	15	15	
	238				05	325	325	325	
1,085	238 ^R	—	1,561	1,475	05	1,085	1,085	1,085	
	133								
119	6 ^R	2	260	122	05	119	119	119	
300 ^S	—	—	300	26	05	—	—	—	
53	—	—	53	53	05	58	58	58	
90	—	—	90	90	05	70	70	—	
65	—	—	65	65	05	65	47	47	
425	51	—	476	456	11	425	525	525	

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT 42. NATURAL RESOURCE MANAGEMENT

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
200	—	1	201	201	11	—	200	—	
75	8	-1	82	82	11	75	75	75	
—	1	—	1	—	13	—	—	—	
—	9	—	—	—	—	—	—	—	
—	2 ^R	—	11	—	13	—	—	—	
—	289	—	—	—	—	—	—	—	
—	1,892 ^R	-933	1,248	—	13	—	—	—	
63	—	2	65	64	14	63	63	63	
50	—	—	50	50	14	50	—	—	
20 ^S	—	—	20	20	14	—	—	—	
60	—	—	60	55	14	—	—	—	
30	—	—	30	29	14	60	15	15	
22	—	2	24	23	14	30	30	30	
350 ^S	—	—	350	—	15	—	350	250	
—	—	—	—	—	15	—	375	375	
363	110	—	—	—	—	—	—	—	
30	429 ^R	-1	901	740	15	383	383	383	
225	1	—	31	—	15	10	10	10	
1,613	91	—	316	280	15	225	225	225	
1,000	1,320	—	—	—	—	—	—	—	
200	910 ^R	—	3,843	2,415	15	1,613	1,613	1,613	
25	492	—	—	—	—	—	—	—	
—	850 ^R	1	2,343	2,284	15	1,100	650	650	
—	—	—	200	200	15	200	200	200	
—	—	—	—	—	—	—	—	—	
195	53	1	26	17	15	25	25	25	
100	826 ^R	—	879	879	15	—	—	—	
119	180	—	180	180	15	—	—	—	
—	20	2	217	206	20	145	—	—	
—	—	—	100	100	20	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	3	122	121	20	94	94	94	
—	3	—	3	3	20	—	—	—	
7,442	8,724	-918	15,248	10,770	<i>Total Special Purpose</i>				
985	155	-125	1,015	943	<i>Additions, Improvements and Equipment</i>				
						6,482	6,781	6,411	
						1,080	1,286	1,286	

OTHER RELATED APPROPRIATIONS

39,110	4,013	—	43,123	5,433	<i>Total State Aid</i>	—	3,663	—
3,285	28,073	-277	31,081	2,369	<i>Total Capital Construction</i>	—	15,189	—
66,976	42,128	-61	109,043	37,240	<i>Total General Fund</i>	25,823	44,919	24,949

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

42. NATURAL RESOURCE MANAGEMENT

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
Federal Funds									
—	77 613 ^R	77	767	536	Water Supply and Watershed Management	05	800	800	800
—	77 323 ^R	—	400	400	Forest Resource Management	11	543	573	573
—	419 1,945 ^R	2	2,366	2,093	Hunters' and Anglers' License Fund	13	3,065	3,065	3,065
—	127 996 ^R	-1	1,122	947	Shellfish and Marine Fisheries Management	14	2,210	2,095	2,095
—	543 2,203 ^R	6	2,752	1,989	Marine Lands Management	15	2,500	2,500	2,500
—	7,323	84	7,407	5,965	Total Federal Funds		9,118	9,033	9,033
All Other Funds									
—	1,074 4,755 ^R	5	5,834	4,343	Water Supply and Watershed Management	05	6,581	7,861	7,861
—	2,244 773 ^R	—	3,017	223	Hunters' and Anglers' License Fund	13	3,560	565	565
—	56 75 ^R	—	131	56	Shellfish and Marine Fisheries Management	14	231	233	233
—	7 1,781 ^R	—	1,788	1,255	Marine Lands Management	15	4,399	6,371	6,371
—	686 475 ^R	2	1,163	579	Wildlife Management	20	470	481	481
—	11,926	7	11,933	6,456	Total All Other Funds		15,241	15,511	15,511
66,976	61,377	30	128,383	49,661	GRAND TOTAL		50,182	69,463	49,493

Notes: (a) The 1990 appropriation has been adjusted for the allocation of the salary program, which includes \$279,000 in appropriated receipts from the Hunters' and Anglers' License Fund.

LANGUAGE PROVISIONS

It is recommended that the amounts hereinabove for the Well Permits, Well Drillers, Excess Diversion, Water Allocation, and Water/Wastewater Operators accounts be payable out of receipts received through the Environmental Services Fund, established pursuant to section 5 of P.L. 1975, c.232, (C.13:1D-29 et seq.), and the unexpended balances of the fund as of June 30, 1990, together with any receipts in excess of the amount anticipated be appropriated for the accounts. If the receipts to any of the accounts are less than anticipated, the respective appropriation shall be reduced proportionately.

It is further recommended that the unexpended balance as of June 30, 1990 in the Watershed Property Review Board account be appropriated.

It is further recommended that the unexpended balance as of June 30, 1990 in the Hunters' and Anglers' License Fund together with any receipts in excess of the amount anticipated be appropriated.

It is further recommended that the amount hereinabove for the Hunters' and Anglers' License Fund be payable out of said Fund and any amount remaining therein. If receipts to that fund are less than anticipated, the appropriation shall be reduced proportionately.

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

42. NATURAL RESOURCE MANAGEMENT

It is further recommended that, notwithstanding the provisions of P.L.1975, c.232 (C.13:1D-29 et seq.), of the amounts hereinabove for the Water Supply and Watershed Management and Marine Lands Management program classifications, an amount not to exceed \$750,000 be appropriated from the Environmental Services Fund.

It is further recommended that the amount hereinabove for Delineation and Determination of State Riparian Land be provided from receipts derived from the sales, grants, leases, licensing and rentals of State riparian lands; provided, however, that should the receipts be insufficient to finance such authorization, sufficient sums be advanced from the General Fund for the same purpose; provided further, however, that any sum so advanced must be returned to the General Fund from future receipts derived from the sales, grants, leases, licensing or rentals of State riparian lands.

It is further recommended that the amounts hereinabove for the Waterfront Development, Wetlands, CAFRA, and Stream Encroachment accounts be payable out of receipts received through the Environmental Services Fund, established pursuant to section 5 of P.L. 1975, c.232 (C.13:1D-29 et seq.) and the unexpended balances of the fund as of June 30, 1990, together with any receipts in excess of the amount anticipated be appropriated for those accounts. If the receipts to any of the accounts are less than anticipated, the respective appropriation shall be reduced proportionately.

It is further recommended that of the amount hereinabove for Marine Lands Management, \$541,000 first be charged to receipts derived from the sales, grants, leases, licensing and rentals of State riparian lands as reimbursement for staff and administrative costs necessary for managing and providing proper surveillance and enforcement of State rights over the use of State-owned riparian lands; provided, however, that there be appropriated from any receipts in excess of the amount anticipated, \$1,100,000 to meet peak demands of the marine lands management program.

It is further recommended that receipts received pursuant to the Freshwater Wetlands Act (P.L.1987, c.156) and the unexpended balances as of June 30, 1990 in the Regulation of Freshwater Wetlands account be appropriated for the same purposes.

It is further recommended that receipts derived from the sale of materials which encourage the protection of endangered and non-game wildlife species, and any funds derived from the Income Tax Refund Checkoff for the Endangered and Non-game Species of Wildlife Conservation Fund, P.L. 1981, c.170 (C.54A:9-25.2), and the unexpended balance as of June 30, 1990 of such receipts be appropriated for protection of endangered and non-game wildlife species.

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

43. ENVIRONMENTAL QUALITY

OBJECTIVES

1. To protect public health and welfare and the environment through programs designed to attain and maintain clean air and to abate noises that present physiological or psychological hazards.
2. To preserve, enhance, and restore the quality of the State's water resources to provide for maximum beneficial uses.
3. To monitor and report on the quality of surface water in the State and to develop plans, implementation programs and standards for the protection and improvement of water quality.
4. To implement a methodical system of solid waste management that will alleviate ecological damage, conserve natural resources, and protect open space.
5. To conserve and recover precious material and energy resources found within discarded solid wastes.
6. To control the discharge of effluents and residuals to the ground waters and land of the State and to conduct studies to determine the extent of pollution on groundwater aquifers.
7. To augment the health and welfare of the public by providing a comprehensive program to prevent industrial accidents and

by providing information regarding hazardous substances in the community and the workplace.

PROGRAM CLASSIFICATIONS

02. **Air Pollution Control.** Operates a continuous air monitoring network of 27 stations, a particulate monitoring network of 53 stations, two acid rain monitoring sites, one visibility monitoring site and an enforcement and emissions inventory system which provides data on air quality throughout the State for use in issuing public warnings and as a basis for source control during air pollution emergencies. Prepares and issues daily air quality indexes; enforces State and Federal air pollution control regulations; investigates all air pollution complaints and initiates prosecution of violations; reviews construction plans for stationary sources of potential air pollution and issues permits for construction and certificates to operate; and validates tax exemption claims for air pollution control; evaluates CAFRA applications, conducts air quality studies of public construction projects, reviews documents, site and cleanup plans; assists and supports local air pollution control programs; develops air pollution control strategies and regulations for mobile and stationary sources.

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

43. ENVIRONMENTAL QUALITY

03. **Noise Control.** Responsible for determining causes, effects and hazards of community noise, and developing codes, rules and regulations to control them; enforces codes through inspections and investigation of complaints; assists and supports local noise control efforts.
07. **Water Monitoring and Planning.** Reviews and revises surface and groundwater quality standards, conducts watershed water quality management studies, develops and implements a groundwater classification system, develops strategies for implementation of water quality standards. Prepares a manual of technical review criteria for water quality in Departmental permitting; prepares, updates and amends Statewide Water Quality Management and areawide Water Quality Management Plans; issues water quality certificates; develops regulations, policies and strategies for water quality programs and prepares biennial State Water Quality Inventory (305b) report. Develops, operates and maintains computerized water quality data base system. Classifies shellfish growing areas as approved or condemned, conducts bacteriological and chemical analysis of shellfish for health hazard prevention, conducts special shellfish resource recovery programs and operates the Southern Regional Laboratory.
08. **Water Enforcement.** Responsible for compliance, monitoring, investigations and enforcement actions in support of the following programs: Discharge Permits; Potable Water; Stream Encroachments and Flood Control; Water Diversion and Allocation; Well Drilling and Abandonment; Construction Grants. Responsible for enforcement actions in support of the following additional programs: Construction Permits; Dam Safety; Subsurface Disposal; Shellfish Control. Responsibilities include toxic waste, hazardous waste and groundwater pollution problems.
09. **Public Waste Water Facilities.** Administers the Federal and State construction grant and loan programs including the

evaluation of planning, design and construction of municipal wastewater collection, conveyance, treatment and disposal facilities; receives formal applications for Federal and State grants and loans, controls the processing thereof and advises municipalities and sewerage authorities on grant specifications and procedures.

17. **Solid Waste Resource Management.** Supervises the generation, collection, processing and disposal of solid waste. Regulations and standards are strictly enforced through on-site inspection, design-reviews, surveillance, monitoring and the permitting of collection, processing and disposal operations. Resource recovery is encouraged through the development and implementation of comprehensive state and district solid waste management plans and implementation of a statewide recycling program. The Comprehensive Regulated Medical Waste Management Act (P.L. 1989, c.34) is also administered. The program is also responsible for administration of grants for construction of resource recovery facilities under the 1980 Natural Resources Bond Act and Resource Recovery Implementation Program (P.L. 1985, c.38), the Resource Recovery and Solid Waste Disposal Facility Bond Act of 1985, and loans and grants for recycling (P.L. 1987, c.102).
22. **Geological Survey.** Geological Survey unit was formed in February, 1983. This unit maps the geology and topography of the State, assesses mineral resources, maintains the United States Geological Service (USGS) and New Jersey topographic mapping program and reviews plans for excavated caverns for underground storage of gas, oil and chemicals, high level radioactive wastes and disposal wells. Responsibilities also include evaluating the supply potential and water quality of the State's aquifers, investigating existing or potential groundwater pollution problems, and providing support to other programs through drilling operations and geophysical studies.

EVALUATION DATA

	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
PROGRAM DATA				
Air Pollution Control				
Routine Field Actions				
Investigations and inspections	47,848	56,754	45,000	45,000
Citizen complaints resolved/percent of total received	2,867/99	3,345/95	3,500/98	3,500/98
Enforcement Actions				
Administrative orders	1,993	2,652	2,200	2,200
Enforcement conferences	97	82	110	110
Permits and Certificates				
Permit applications reviewed	6,191	6,131	6,000	6,000
Certificate applications reviewed	26,997	31,347	35,000	35,000
Water Monitoring and Planning				
Water quality based effluent limitations	40	42	50	50
Bioassays completed	12	18	28	28
Public Wastewater Facilities				
Construction of wastewater facilities	21	19	15	12
Project costs (millions)	\$443	\$100	\$200	\$150

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

43. ENVIRONMENTAL QUALITY

	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
Solid Waste Resource Management				
Closure plans reviewed	33	20	30	30
Administrative orders and notices of violations	293	404	902	902
Solid Waste Disposal Facilities				
Major reviews completed	11	8	10	10
Minor reviews completed	56	52	60	60
Annual Inspections				
Solid waste	706	1,160	2,517	2,517
Solid Waste Registration and Permits				
Hauler companies/vehicles registered	5,799/19,999	3,809/22,000	6,000/35,000	6,000/35,000
Geological Survey				
Ground Water Discharge Permits				
Regulated facilities	576	742	780	780
Permit actions	215	224	210	210
On-going groundwater remediations	30	40	47	47
Surface Water Discharge Permits				
Regulated facilities	1,145	1,289	1,300	1,300
Permit actions	260	260	277	277

PERSONNEL DATA

Position Data

	274	272	263	265
Budgeted Positions				
Air Pollution Control	26	25	13	15
Noise Control	1	1	1	1
Water Monitoring and Planning	39	42	43	43
Water Enforcement	50	47	47	47
Solid Waste Resource Management	123	122	124	124
Geological Survey	35	35	35	35
Positions Budgeted in Lump Sum Appropriations	78	380	394	383
Positions Supported by Appropriated Receipts	24	57	109	120
Authorized Positions—Federal	307	311	321	321
Authorized Positions—All Other	388	72	79	95
Total Positions	1,071	1,092	1,166	1,184

APPROPRIATIONS DATA

(thousands of dollars)

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S)Supple- mental	Reapp. & (R)Recpts.	Transfers & (E)Emer- gencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recom- mended
Distribution by Program								
9,419	5,956	-470	14,905	13,399	02	8,790	8,175	7,704
465	—	—	465	254	03	169	89	89
1,706	5	98	1,809	1,802	07	1,650	1,772	1,383
2,011	12	51	2,074	2,067	08	2,069	2,059	1,537
950	—	2	952	952	09	950	700	700
7,359	2,091	337	9,787	7,502				
12,341	4,997	33	17,371	15,109	17	5,750	5,620	4,058
12,341	4,997	33	17,371	15,109	22	11,525	12,346	11,546
34,251	13,061	51	47,363	41,085		30,903	30,761	27,017
Distribution by Object								
Personal Services:								
9,899	—	-16	9,883	9,876		9,190	8,653	6,638
9,899	—	-16	9,883	9,876		9,190 ^(a)	8,653	6,638

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

43. ENVIRONMENTAL QUALITY

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (s) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
397	—	35	432	428		371	371	360	
1,181	—	675	1,856	1,845		1,203	905	860	
394	—	337	731	730		413	408	388	
Special Purpose:									
—	174 1,492 ^R	4	1,670	1,669		—	—	—	
475	—	—	475	464	02	475	475	475	
100	—	—	100	100	02	100	—	—	
148	—	—	148	148	02	148	—	—	
—	129 3,061 ^R	3	3,193	1,903	02	—	—	—	
1,022	257 178 ^R	1	1,458	1,432	02	1,022	1,022	1,022	
3,600	—	—	3,600	3,534	02	3,600	3,600	3,600	
—	632 ^R	-559	73	—	02	—	—	—	
150	—	—	150	106	03	52	—	—	
60	—	—	60	60	03	60	30	30	
200	—	—	200	35	03	—	—	—	
—	—	—	—	—	07	—	277	—	
50	—	—	50	50	07	25	—	—	
350	—	—	350	350	07	280	350	330	
53	—	1	54	54	07	—	—	—	
50 ^S	—	1	51	49	07	—	—	—	
119	—	—	119	119	08	94	119	—	
115	—	—	115	115	08	—	—	—	
500 ^S	—	-1	499	499	08	500	500	325	
250	—	—	250	250	09	250	—	—	
700	—	2	702	702	09	700	700	700	
300	—	—	300	266	17	300	300	—	
210	10	—	220	90	17	210	210	210	
50	—	—	50	50	17	50	—	—	
235	—	—	235	203	17	235	235	235	
848	604	1	1,453	1,256	17	848	848	848	
400	—	—	400	337	17	400	400	400	
938 ^S	—	—	938	223	17	—	—	—	
—	1,469 ^R	-369	1,100	—	17	—	—	—	
1,000 ^S	—	—	1,000	787	22	1,000	1,000	950	

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

43. ENVIRONMENTAL QUALITY

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (S) Supple- mental	Reapp. & (R) Recpts.	Transfers & (B) Emer- gencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recom- mended	
5,500	494	—	5,994	4,879	Ground Water Discharge Permits	22	5,500	3,200	3,200
4,500	320 3,180 ^R	1	8,001	8,001	Surface Water Discharge Permits	22	3,700	6,800	6,264
—	—	—	—	—	Shellfish Monitoring	22	—	176	—
95	—	1	96	96	Protective Clothing and Safety Equipment	22	—	—	—
—	1,000	-1	999	70	Mapping of Aquifer Recharge Areas	22	—	—	—
22,018	13,000	-915	34,103	27,897	<i>Total Special Purpose</i>		19,549	20,242	18,589
362	61	-65	358	309	Additions, Improvements and Equipment		177	182	182

OTHER RELATED APPROPRIATIONS

16,450	63,256	—	79,706	51,330	<i>Total State Aid</i>		13,015	22,140	13,015
—	—	—	—	—	<i>Total Capital Construction</i>		—	376	—
50,701	76,317	51	127,069	92,415	<i>Total General Fund</i>		43,918	53,277	40,032
Federal Funds									
—	136 3,479 ^R	—	3,615	3,281	Air Pollution Control	02	3,700	3,700	3,700
—	3	—	3	—	Noise Control	03	—	—	—
—	274 1,989 ^R	1,103	3,366	3,200	Water Monitoring and Planning	07	7,325	7,410	7,410
—	156 1,638 ^R	-1,101	693	686	Water Enforcement	08	3,250	3,250	3,250
—	41 4,514 ^R	2	4,557	4,557	Public Waste Water Facilities	09	83,000	83,000	83,000
—	19	—	19	—	Solid Waste Resource Management	17	—	1,250	1,250
—	80 398 ^R	—	478	414	Geological Survey	22	5,300	5,300	5,300
—	12,727	4	12,731	12,138	<i>Total Federal Funds</i>		102,575	103,910	103,910
All Other Funds									
—	—	—	—	—	Air Pollution Control	02	4,095	4,595	4,595
—	60 101 ^R	—	161	88	Water Monitoring and Planning	07	13	13	13
—	3	—	3	3	Water Enforcement	08	—	—	—
—	51 399 ^R	—	450	399	Public Waste Water Facilities	09	745	745	745

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

43. ENVIRONMENTAL QUALITY

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
—	72 162 ^R	—	234	111	Solid Waste Resource Management	17	7,588	8,858	8,858
—	6,246 1,579 ^R	—	7,825	1,949	Geological Survey	22	8,685	8,127	8,127
—	8,673	—	8,673	2,550	<i>Total All Other Funds</i>		21,126	22,338	22,338
50,701	97,717	55	148,473	107,103	GRAND TOTAL		167,619	179,525	166,280

Notes: (a) The 1990 appropriation has been adjusted for the allocation of the salary program.

LANGUAGE PROVISIONS

It is recommended that the amount hereinabove for the Air Pollution Monitoring and Control Programs account be payable out of the receipts generated through licensing fees and penalties. Receipts in excess of the amount anticipated from the Air Pollution Monitoring and Control Programs account are appropriated. If receipts are less than anticipated, the appropriation shall be reduced proportionately.

It is further recommended that receipts received pursuant to the Toxic Catastrophe Prevention Act, P.L. 1985, c.403 (C.13:1K-19 et seq.) and the unexpended balance of such receipts as of June 30, 1990 be appropriated.

It is further recommended that notwithstanding the provisions of the Worker and Community Right to Know Act, P.L. 1983, c.315 (C.34:5A-1 et seq.), the amount hereinabove for the Worker and Community Right to Know account be payable out of the Worker and Community Right to Know Trust Fund. If receipts to that fund are less than anticipated, the appropriation shall be reduced proportionately.

It is further recommended that the unexpended balances as of June 30, 1990 in the Worker and Community Right to Know Act account together with any receipts in excess of the amount anticipated, not to exceed \$178,000, be appropriated.

It is further recommended that there be allocated from funds previously appropriated from the Water Conservation Fund the sum of \$745,000 for costs attributable to planning, engineering, developing and constructing regional wastewater treatment facilities, subject to the approval of the Director of the Division of Budget and Accounting.

It is further recommended that any funds received by the Wastewater Treatment Trust from any State agency to offset the Trust's annual operating expenses be appropriated.

It is further recommended that the amounts hereinabove for the Ground Water Discharge Permits and the Surface Water Discharge Permits accounts be payable out of receipts received pursuant to the provisions of the "Water Pollution Control Act," P.L. 1977, c.74 (C.58:10A-1 et seq.). If receipts are less than anticipated, the appropriation shall be reduced proportionately.

It is further recommended that the unexpended balances as of June 30, 1990 in the Ground Water Discharge Permits and the Surface Water Discharge Permits accounts, as well as any receipts received in excess of the respective anticipated amounts, be appropriated for such purposes.

It is further recommended that the unexpended balances as of June 30, 1990, in the Industrial Pretreatment Program account be appropriated.

It is further recommended that the unexpended balance as of June 30, 1990, in the Mapping of Aquifer Recharge Areas account be appropriated.

It is further recommended that receipts in excess of the amount anticipated from Solid waste fees and the unexpended balance of such receipts as of June 30, 1990 in the Solid waste resource management program classification be appropriated.

It is further recommended that the amount for the Sanitary Landfill Facility Contingency Fund, Non-Site Specific Administration account, be payable out of the Sanitary Landfill Facility Contingency Fund.

It is further recommended that receipts in excess of those anticipated for the Sanitary Landfill Facility Contingency Fund, Non-Site Specific Administration account, not to exceed \$40,000, be appropriated.

It is further recommended that the amount hereinabove for the Recycling of Solid Waste account be payable out of the State Recycling Fund, established pursuant to section 5 of P.L.1981, c.278 (C.13:1E-92 et seq.).

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

43. ENVIRONMENTAL QUALITY

It is further recommended that there be appropriated from the State Recycling Fund such sums as may be required to carry out the provisions of the Clean Communities and Recycling Act, P.L. 1981, c.278 (C.13:1E-92 et seq.).

It is further recommended that the amount hereinabove for the Clean Communities-Administration account be payable out of receipts received pursuant to section 7 of P.L. 1985, c.533 (C.13:1E-99.2). If receipts are less than anticipated, the appropriation shall be reduced proportionately.

It is further recommended that receipts in excess of the amount anticipated for the Clean Communities-Administration account be appropriated for Clean communities program administration.

It is further recommended that there be appropriated from the Sanitary Landfill Facility Contingency Fund such sums as may be required to carry out the provisions of the Sanitary Landfill Facility Closure and Contingency Fund Act, P.L. 1981, c.306 (C.13:1E-100 et seq.).

It is further recommended that receipts deposited to the Resource Recovery Investment Tax Fund and the Solid Waste Services Tax Fund be appropriated.

It is further recommended that the unexpended balances as of June 30, 1990 in the Comprehensive Regulated Medical Waste Management Act account, together with any receipts received by the Department of Environmental Protection pursuant to the provisions of the Comprehensive Regulated Medical Waste Management Act, P.L. 1989, c.34 (C.13: 1E-48.1 et seq.) be appropriated.

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

44. HAZARDOUS AND TOXIC POLLUTION CONTROL

OBJECTIVES

1. To undertake applied scientific research, technical activities and policy development associated with human exposure to toxic substances. These activities are designed to meet the Department of Environmental Protection's information and problem-solving needs, and to identify emerging issues that require the Department's attention and response.
2. To coordinate responses to major accidents involving hazardous or toxic substances and similar emergencies.
3. To protect the public and the environment against unnecessary radiation exposure from natural and man-made sources.
4. To eliminate actual and potential damage to the environment resulting from the manufacture, transportation, storage, use and disposal of pesticides.
5. To regulate and control the storage, transportation, treatment and disposal of hazardous wastes in order to ensure that environmental standards are met.
6. To provide accurate and reliable analytical and research laboratory services for the measurement of organic, inorganic and radiological pollutants in air, water, soil, sludge, tissue, and other sample media.

PROGRAM CLASSIFICATIONS

01. **Radiation Protection.** Identifies the location and character of natural and man-made radiation sources, determines the biological and ecological impact of those sources (including major nuclear facilities), and provides direction on remediation options. Controls the possession, transportation, use and storage of radioactive materials, and plans for the prevention and remedy of mass exposure, including evacuation, containment and decontamination. This unit also registers, licenses, and inspects x-ray machines and

radioactive material users, certifies x-ray technicians and nuclear medicine technicians, and supports radon risk reduction efforts.

04. **Pesticide Control.** Conducts research to determine the effects and hazards of pesticides; issues regulations concerning the manufacture, distribution, storage, sale, possession and use of pesticides and regulates labeling of all pesticide products sold in the State. This unit also certifies pesticide applicators, plans prevention and remedy of serious incidents, issues permits to dealers, and inspects their establishments and investigates complaints or reported incidents.
18. **Environmental Cancer and Toxic Substances.** Performs research and provides scientific and technical advice in areas such as human exposure evaluations and health risk assessments of carcinogenic and toxic substances, coastal water quality, multi-media aspects of environmental contaminants (e.g., potable water, air, soils), and innovative technologies for hazardous waste site cleanups. Infuses innovative technical approaches and policy practices into the Department's monitoring, permitting, enforcement and administrative functions. Assists in the establishment of health standards for carcinogenic and toxic substances; identifies and reviews scientific information on new issues for applicability to New Jersey (i.e. biotechnology); and coordinates the development and application of the Department's Geographic Information System.
19. **Spill Prevention, Response and Site Cleanup.** Conducts a statewide program for the cleanup of oil spills as well as chemical and hazardous substance discharges. Its powers have been expanded through amendments to the Spill Compensation and Control Act (P.L. 1979, c.346) to respond to a broader class of hazardous substance discharges. The major ramifications of these amendments are the ability to identify and remedy abandoned chemical dump sites, and mitigation of imminent discharge hazards. These activities are supported by a combination of public and private funds.

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

44. HAZARDOUS AND TOXIC POLLUTION CONTROL

23. **Waste Management.** A comprehensive program which seeks to protect public health and improve the environment by addressing past mismanagement of hazardous waste through remediation; by maintaining a strong regulatory program to control current disposal practices; and by preventing the creation of new contaminated hazardous waste sites. This

program supervises the generation, storage, collection, transportation, treatment and disposal of hazardous waste. Regulations and standards are strictly enforced through on-site inspection, design-reviews, surveillance, monitoring and the permitting of collection, treatment and disposal operations.

EVALUATION DATA

	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
PROGRAM DATA				
Radiation Protection				
X-ray machines registered	18,224	18,652	18,900	18,900
X-ray machines inspected	7,304	8,191	6,500	6,500
Radioactive material inspections	144	110	150	120
Enforcement Actions				
X-ray machines failing inspection	629	940	550	525
X-ray technologist licenses	18,695	14,823	19,300	15,000
X-ray technologist licenses verified	4,180	4,623	7,000	7,000
Pesticide Control				
Investigations and inspections	2,720	3,086	3,500	3,500
Registration of products	9,918	8,752	9,800	9,000
Pesticide applicators certified for restricted pesticide use	9,361	9,471	9,600	9,600
Pesticide operators certified for restricted pesticide use	3,228	3,777	3,400	3,400
Waste Management				
Hazardous waste facility permit applications received/approved	35	23	29	25
Administrative orders and notices of violations	1,120	1,264	1,390	1,390
Inspections (annual):				
Hazardous waste	1,899	1,492	1,641	1,641
PERSONNEL DATA				
Position Data				
Budgeted Positions	471	448	458	458
Radiation Protection	67	66	67	67
Pesticide Control	16	16	17	18
Environmental Cancer and Toxic Substances	40	38	37	37
Spill Prevention, Response and Site Cleanup	247	235	244	241
Waste Management	101	93	93	95
Positions Budgeted in Lump Sum Appropriations	86	215	211	201
Positions Supported by Appropriated Receipts	—	—	35	35
Authorized Positions—Federal	99	82	81	81
Authorized Positions—All Other	104	17	20	20
Total Positions	760	762	805	795

APPROPRIATIONS DATA (thousands of dollars)

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S)Supple- mental	Reapp. & (R)Recpts.	Transfers & (E)Emer- gencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recom- mended
4,449	3,355	-89	7,715	6,418				
1,077	192	20	1,289	1,254				
4,832	677	-8	5,501	5,414				
					Distribution by Program			
					01	6,386	20,556	4,450
					04	1,009	981	890
					18	4,746	4,465	3,469

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT 44. HAZARDOUS AND TOXIC POLLUTION CONTROL

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & Supplemental	Reapp. & Recpts.	Transfers & Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
14,457	7,498	454	22,409	15,004					
5,514	1,049	180	6,743	5,143	19	14,816	14,717	7,982	
30,329	12,771	557	43,657	33,233	23	3,991	3,898	2,415	
					<i>Total Appropriation</i>	<i>30,948</i>	<i>44,617</i>	<i>19,206</i>	
Distribution by Object									
Personal Services:									
12,980	—	1,194	14,174	13,990		13,819	13,078	5,502	
12,980	—	1,194	14,174	13,990		13,819 ^(a)	13,078	5,502	
746	—	14	760	759		748	748	481	
2,364	—	694	3,058	2,991		2,317	2,321	1,808	
735	—	115	850	839		749	749	599	
Special Purpose:									
1,000	1,198	-128	2,070	1,341	01	1,500	1,500	1,500	
1,200	93	-81	1,212	1,181	01	1,200	1,325	1,150	
—	500	1	501	95	01	1,200	15,760	450	
—	1,489 ^R	-1,469	20	—	01	—	—	—	
150	—	—	150	149	04	—	—	—	
—	191 ^R	—	191	165	04	—	—	—	
150	—	2	152	151	04	150	150	150	
200	—	—	200	200	04	200	200	200	
850	2	—	852	783	18	850	850	500	
150	—	—	150	139	18	150	150	150	
250	—	—	250	242	18	100	246	96	
1,000	249	1	1,250	1,249	18	900	550	550	
300	377	—	677	677	18	225	225	—	
—	4,708	—	4,708	4	19	—	—	—	
1,729	50 167 ^R	-698	1,248	1,037	19	1,729	1,729	1,729	
—	—	700	700	667	19	—	—	—	
507	—	—	507	307	19	—	—	—	
3,500	2,444 ^R	1	5,945	4,180	19	3,500	3,500	3,500	
618	—	1	619	502	23	—	—	—	
408	125	3	536	361	23	448	498	447	
15	—	—	15	2	23	15	15	15	
60	60	—	120	82	23	—	—	—	

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT 44. HAZARDOUS AND TOXIC POLLUTION CONTROL

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended
200	200	—	400	78	23	—	—	—
225	—	—	225	—	23	125	—	—
—	623 ^R	—	623	—	23	—	—	—
—	2	—	2	—	23	—	—	—
12,512	12,478	-1,667	23,323	13,592		12,292	26,698	10,437
992	293	207	1,492	1,062		1,023	1,023	379
OTHER RELATED APPROPRIATIONS								
—	725	—	725	319		—	—	—
45,000	113,675	—	158,675	25,554		50,000	45,000	—
75,329	127,171	557	203,057	59,106		80,948	89,617	19,206
Federal Funds								
—	9	—	9	—	01	454	479	479
—	62 ^R	—	71	—	04	215	301	301
—	153	1	358	170	18	—	—	—
—	204 ^R	—	4	—	19	140,000	140,000	140,000
—	4	—	4	—	23	12,171	12,251	12,251
—	1,131	—	20,515	15,786		152,840	153,031	153,031
—	19,390 ^R	-6	5,225	3,956		9,004	10,552	10,552
—	78	-84	5,225	3,956		3,200	4,200	4,200
—	5,231 ^R	—	26,173	19,912		9,004	10,552	10,552
—	26,262	-89	26,173	19,912		242,792	253,200	182,789
All Other Funds								
—	—	—	—	—	01	1,017	1,577	1,577
—	47	—	1,138	1,015	04	1,337	1,275	1,275
—	1,091 ^R	—	1,046	397	18	—	—	—
—	456	—	377	320	19	3,450	3,500	3,500
—	590 ^R	-3	377	320	23	3,200	4,200	4,200
—	380	—	576	433		9,004	10,552	10,552
—	10	—	3,137	2,165		3,200	4,200	4,200
—	566 ^R	—	3,137	2,165		9,004	10,552	10,552
—	3,140	-3	3,137	2,165		9,004	10,552	10,552
75,329	156,573	465	232,367	81,183		242,792	253,200	182,789

Notes: (a) The 1990 appropriation has been adjusted for the allocation of the salary program.

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

44. HAZARDOUS AND TOXIC POLLUTION CONTROL

LANGUAGE PROVISIONS

It is recommended that the amount hereinabove for the Nuclear Emergency Response account be payable from receipts received pursuant to the assessments of electrical utility companies under P.L.1981, c.302 (C.26:2D-37 et seq.).

It is further recommended that the unexpended balances as of June 30, 1990 in the Nuclear Emergency Response account be appropriated subject to the approval of the Director of the Division of Budget and Accounting.

It is further recommended that receipts in excess of the amount anticipated from Radiation Protection be appropriated.

It is further recommended that the unexpended balance as of June 30, 1990 in the Regional Low-Level Radioactive Waste Disposal Facility Siting Act account be appropriated.

It is further recommended that receipts in excess of the amount anticipated from laboratory certification services be appropriated.

It is further recommended that the amount hereinabove for the Hazardous Waste Research account be appropriated from interest earned by the New Jersey Spill Compensation Fund for research and development on the prevention, effects, and improved cleanup criteria and removal operation methods of spills of hazardous substances, as well as methods of hazardous waste source reduction, recycling and detoxification, subject to the approval of the Director of the Division of Budget and Accounting. If the interest earnings are less than anticipated, the appropriation shall be reduced accordingly.

It is further recommended that receipts in excess of those anticipated for the Hazardous Waste Research account from interest earned by the New Jersey Spill Compensation Fund, not to exceed \$250,000, be appropriated to coordinate and implement hazardous waste minimization efforts.

It is further recommended that an amount not to exceed \$1,900,000 be appropriated from the New Jersey Spill Compensation Fund for emergency response to toxic releases, subject to the approval of the Director of Budget and Accounting.

It is further recommended that \$6,840,000 be appropriated for the Spill Prevention, Response and Site Cleanup and Waste Management programs from the New Jersey Spill Compensation Fund, in accordance with the provisions of C58:10-23.11 et seq., subject to the approval of the Director of the Division of Budget and Accounting.

It is further recommended that the amount hereinabove for the Spill Prevention, Response and Site Cleanup, Non-Site Specific Costs account be payable out of the New Jersey Spill Compensation Fund.

It is further recommended that receipts in excess of those anticipated for the Spill Prevention, Response and Site Cleanup, Non-Site Specific Costs account, not to exceed \$546,000, be appropriated, of which an amount not to exceed \$325,000 shall be available for the purchase of protective clothing and safety equipment and the training required for its use.

It is further recommended that there be appropriated from the New Jersey Spill Compensation Fund such sums as may be required for cleanup operations, adjustors and paying approved claims for damages in accordance with the provisions of P.L. 1976, c.141 (C.58:10-23.11 et seq.), subject to the approval of the Director of the Division of Budget and Accounting.

It is further recommended that all receipts, including receipts from recoveries for hazardous waste cleanup activities, except for the Spill Compensation Fund, and receipts from consent orders for past and future hazardous waste cleanups be deposited to the Hazardous Discharge Site Cleanup Fund, P.L.1985, c.247(C.58:10-23.34) and be appropriated for hazardous waste cleanup activities, including administrative costs.

It is further recommended that receipts derived from the sale of salvaged materials be appropriated to offset costs incurred in the cleanup and removal of hazardous substances.

It is further recommended that the amount hereinabove for the Environmental Cleanup Responsibility Act account be payable out of receipts received pursuant to the provisions of the Environmental Cleanup Responsibility Act, P.L. 1983, c.330 (C.13:1K-6 et al.). If receipts are less than anticipated, the appropriation shall be reduced proportionately.

It is further recommended that the unexpended balance as of June 30, 1990 in the Environmental Cleanup Responsibility Act account (C.13:1K-6 et seq.), as well as any receipts received in excess of the anticipated amount, be appropriated.

It is further recommended that the unexpended balances as of June 30, 1990 in the Major Hazardous Waste Facilities Siting Act-Siting Commission, the Hazardous Waste Facilities Siting Commission-Review, the Site Review and Evaluation, and the Land Emplacement Facility Site Search accounts be appropriated.

It is further recommended that receipts in excess of the amount anticipated from hazardous waste fees and the unexpended balance of such receipts as of June 30, 1990, be appropriated for hazardous waste management program activities, subject to the approval of the Director of the Division of Budget and Accounting.

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

45. RECREATIONAL RESOURCE MANAGEMENT

OBJECTIVES

1. To provide clean and safe recreational, historic, natural and interpretive facilities.
2. To develop recreational interpretive lands and facilities, located in balance with population distribution.
3. To minimize natural resource damage resulting from recreational use of public lands of the State.
4. To provide facilities, navigational aids, safety and other services to the boating public.

PROGRAM CLASSIFICATIONS

10. **Marina Operations.** Operates and maintains State marinas in a clean, safe and non-discriminative manner for all boat owners and visitors. Safe moorings are provided for boaters during heavy storms.

12. **Parks Management.** Operates and maintains existing State park, forest, recreation, natural, interpretive and historic facilities in a clean, safe and non-discriminatory manner for all visitors on a daily basis; staffs facilities with maintenance, administrative, ranger and seasonal personnel to provide assistance, information, interpretive and protective services to the public; manages properties to ensure the preservation of natural resources while maintaining high quality recreational opportunities; plans for the development and improvement of new facilities and reviews and approves all new construction; provides literature regarding recreational facilities, natural area and historic preservation.

21. **Navigational Aids.** Develops, maintains, dredges and marks navigation channels on 200 miles of tidal inland waterways and large State-controlled lakes for the safety and protection of the boating public and industries.

EVALUATION DATA

	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
PROGRAM DATA				
Marina Operations				
Marinas operated	4	4	4	4
Marina berths in service	1,050	1,050	1,070	1,070
Marina berth applications	1,000	1,000	1,200	1,200
Parks Management				
State parks and forests	52	52	52	52
Total acres	300,000	300,000	310,000	312,000
Total visitors	10,297,000	10,619,589	11,000,000	12,000,000
Total revenue	\$3,436,000	\$3,828,196	\$3,300,000	\$3,650,000
Historic sites	27	27	27	27
Visitors	340,000	335,000	350,000	375,000
Revenue	\$47,000	\$23,000	\$23,000	\$25,000
Navigational Aids				
Channel Miles Managed	720	720	800	800
Buoys Installed	700	700	970	970
Markers Installed	2,200	2,200	2,200	2,200
PERSONNEL DATA				
Position Data				
Budgeted Positions	485	553	553	548
Marina Operations	22	22	22	22
Parks Management	435	503	503	498
Navigational Aids	28	28	28	28
Positions Budgeted in Lump Sum Appropriation	62	26	23	23
Authorized Positions—Federal	9	9	9	9
Authorized Positions—All Other	96	81	82	82
Total Positions	652	669	667	662

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT 45. RECREATIONAL RESOURCE MANAGEMENT

APPROPRIATIONS DATA (thousands of dollars)

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S)Supple- mental	Reapp. & (R)Recpts.	Transfers & (B)Emer- gencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recom- mended
Distribution by Program								
441	364	-133	672	672	10	507	447	447
22,375	146	383	22,904	22,756	12	23,413	23,755	22,440
1,003	8	14	1,025	1,016	21	868	857	698
23,819	518	264	24,601	24,444	Total Appropriation			23,585
Distribution by Object								
Personal Services:								
15,805	—	572	16,377	16,367			17,132	17,501
15,805	—	572	16,377	16,367	Total Personal Services		17,132^(a)	17,501
2,273	—	-271	2,002	2,002			2,240	2,227
1,346	—	-161	1,185	1,185			1,357	1,344
1,385	—	143	1,528	1,528			1,375	1,375
Special Purpose:								
—	257 ^R	-257	—	—	10	—	—	—
100	—	—	100	100	12	100	—	—
22	—	—	22	22	12	22	22	22
323	—	—	323	323	12	323	323	323
149	9	1	159	158	12	149	149	149
50	—	—	50	50	12	50	—	—
450	—	—	450	450	12	450	450	450
90	—	—	90	90	12	90	90	90
5	—	—	5	5	12	5	5	5
230	—	—	230	198	12	200	200	200
20								
50 ^S	90	—	160	108	12	20	20	20
50	—	—	50	50	12	50	50	50
120	—	1	121	121	12	120	120	120
230	—	1	231	229	12	230	230	230
90 ^S	—	—	90	90	12	—	—	—
300	—	—	300	299	21	100	200	100
2,279	356	-254	2,381	2,293	Total Special Purpose		1,859	1,759
731	162	235	1,128	1,069			727	727
Additions, Improvements and Equipment								
						749	727	727

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

45. RECREATIONAL RESOURCE MANAGEMENT

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (B) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
OTHER RELATED APPROPRIATIONS									
160	—	—	160	160	Total Grants-in-Aid	—	—	—	
3,000	142	1,000	4,142	2,600	Total State Aid	3,000	3,500	1,500	
7,415	22,844	-71	30,188	9,067	Total Capital Construction	—	16,716	—	
34,394	23,504	1,193	59,091	36,271	Total General Fund	27,788	45,275	25,085	
Federal Funds									
—	32 603 ^R	-3	632	619	Parks Management	12	1,510	1,520	1,520
—	635	-3	632	619	Total Federal Funds	1,510	1,520	1,520	
All Other Funds									
—	163 1,390 ^R	—	1,553	700	Marina Operations	10	668	—	
—	234 426 ^R	—	660	473	Parks Management	12	3,731	3,808	3,808
—	2,213	—	2,213	1,173	Total All Other Funds	4,399	3,808	3,808	
34,394	26,352	1,190	61,936	38,063	GRAND TOTAL	33,697	50,603	30,413	

Notes: (a) The 1990 appropriation has been adjusted for the allocation of the salary program.

LANGUAGE PROVISIONS

It is recommended that receipts in excess of the amount anticipated from Marina operations be appropriated for maintenance and security of marina facilities.

It is further recommended that receipts in excess of the amount anticipated from the Morris Canal and Banking Company be appropriated subject to the approval of the Director of the Division of Budget and Accounting.

It is further recommended that receipts derived from the rental and/or use of Liberty State Park facilities be appropriated for operation and maintenance of Liberty State Park, subject to the approval of the Director of the Division of Budget and Accounting.

It is further recommended that the unexpended balance as of June 30, 1990 in the Expenses of the Delaware and Raritan Canal Commission account be appropriated.

It is further recommended that there be appropriated from the Cultural Centers and Historic Preservation Fund established pursuant to the New Jersey Green Acres, Cultural Centers and Historic Preservation Bond Act of 1987, P.L. 1987, c.265, such sums as may be required for costs attributable to planning, administrative, organizational and operational expenses incident to the historic preservation projects authorized by the Bond Act, subject to the approval of the Director of the Division of Budget and Accounting.

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

45. RECREATIONAL RESOURCE MANAGEMENT

4876. PALISADES INTERSTATE PARK COMMISSION

OBJECTIVES

1. To develop and provide recreational, historic, educational and natural facilities for public use.
2. To provide a system of highways to facilitate travel through and within the park.
3. To maintain parkway roads and bridges to ensure safe and efficient movement of traffic.

PROGRAM CLASSIFICATIONS

24. **Parks Management.** Operates and maintains existing parks and historic sites in a clean, safe and non-discriminatory manner for all visitors; plans for the improvement and development of new facilities; maintains highways, bridges, landscaped areas, signs and traffic lines to ensure the safety of

the motoring public; improves and develops roads and highways to increase capacity, improve highway safety and expand park access; administers concession contracts and reviews, approves and awards all design and construction contracts.

25. **Patrol Activities and Crime Control.** Enforces traffic laws on the Palisades Parkway and all other roads within the Commission's boundaries; polices Commission lands to ensure that park facilities are utilized in accordance with laws, statutes and Commission regulations; maintains a police court with the powers and jurisdiction of a municipal court with respect to crimes, disorderly conduct and violations of the motor vehicle and traffic or other laws of the State or of any of the rules and regulations of the Commission.

EVALUATION DATA

PROGRAM DATA	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
PROGRAM DATA				
Parks Management				
Acreage maintained	2,452	2,452	2,452	2,452
Park Attendance	2,105,519	1,984,093	1,936,500	1,975,000
Boat stalls and moorings	264	264	264	264
Patrol Activities and Crime Control				
Cars on parkway	24,623,715	25,415,328	26,076,000	26,500,000
Roads and paths (miles)	25	25	25	25
PERSONNEL DATA				
Position Data				
Budgeted Positions	100	100	100	100
Parks Management	64	64	64	64
Patrol Activities and Crime Control	36	36	36	36

APPROPRIATIONS DATA (thousands of dollars)

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S)Supple- mental	Reapp. & (R)Recpts.	Transfers & (E)Emer- gencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recom- mended
1,818	51	62	1,931	1,793	Distribution by Program			
1,196	22	—	1,218	1,216	24	1,934	1,909	1,720
					25	1,316	1,300	1,169
					Total Appropriation			
3,014	73	62	3,149	3,009				
					Distribution by Object			
					Personal Services:			
2,316	—	62	2,378	2,378	Salaries and Wages			
					2,552			
					2,511			
					2,191			
2,316	—	62	2,378	2,378	Total Personal Services			
					2,552 ^(a)			
					2,511			
					2,191			

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

45. RECREATIONAL RESOURCE MANAGEMENT

4876. PALISADES INTERSTATE PARK COMMISSION

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended
277	—	—	277	277	Materials and Supplies	275	278	278
154	—	—	154	60	Services Other Than Personal	164	173	173
163	—	—	163	163	Maintenance and Fixed Charges	168	165	165
104	73	—	177	131	Additions, Improvements and Equipment	91	82	82
OTHER RELATED APPROPRIATIONS								
675	1,359	—	2,034	3	Total Capital Construction	—	1,238	—
3,689	1,432	62	5,183	3,012	Total General Fund	3,250	4,447	2,889

Notes: The 1990 appropriation has been adjusted for the allocation of the salary program.

LANGUAGE PROVISIONS

It is recommended that receipts from police court, stands, concessions and self-sustaining activities operated or supervised by this Commission, and the unexpended balance as of June 30, 1990 of such receipts, be appropriated.

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT

46. ENVIRONMENTAL PLANNING AND ADMINISTRATION

OBJECTIVES

1. To develop and implement an aggressive, coordinated enforcement strategy, to track referral of civil and criminal prosecutions to the Attorney General, and to coordinate departmental participation in these prosecutions.
2. To ensure the development and promulgation of legally sufficient, reasonable and enforceable rules and regulations to enable the Department to fulfill its statutory responsibilities.
3. To support an outreach program to ensure openness to the public with regard to the Department's mission and to encourage public participation in the decision-making process.
4. To support activities related to planning, audits, and community and information services.
5. To develop administrative policy, evaluate performance and coordinate program activities.
6. To assist agencies in accomplishing their objectives in terms of planning and control of personnel, financial resources, information systems and equipment.

PROGRAM CLASSIFICATIONS

26. **Regulatory and Governmental Affairs.** Coordinates all departmental enforcement activities and legal services, and reviews legal and financial documents such as contracts,

leases, permits, grant or loan agreements. Develops and promulgates environmental rules and regulations, provides legal review of relevant pending legislation and drafts legislation as needed. Conducts investigations to identify responsible parties involving cleanup of hazardous waste sites for the purpose of cost prevention and recovery. Reviews confidential Solid and Hazardous Waste Licensing Investigation (A-901) applications. Performs other legal services as required. Develops an environmental education and communication strategy for the Department's programs; serves as liaison to the Legislature as well as all county and municipal government officials; coordinates environmental planning activities; and maintains sole responsibility for the Department's audit functions.

99. **Management and Administrative Services.** The Commissioner's office sets policies and develops short and long range plans and strategies; provides research for pilot programs and technical advice for existing programs; coordinates with governmental agencies; and provides legislative review and legal analysis. Under the direction of the Assistant Commissioner of Management and Budget, administers the Department's Capital Improvement Program and provides general support services including personnel, payroll, budgeting, accounting, purchasing, data processing, printing, training, auditing, word processing, program evaluation, and property control.

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT 46. ENVIRONMENTAL PLANNING AND ADMINISTRATION

EVALUATION DATA

	Actual FY 1988	Actual FY 1989	Revised FY 1990	Budget Estimate FY 1991
PERSONNEL DATA				
Affirmative Action Data				
Male Minority	174	198	258	290
Male Minority %	5.2	5.7	6.5	6.9
Female Minority	246	254	309	401
Female Minority %	7.4	7.3	7.7	9.6
Total Minority	420	452	567	691
Total Minority %	12.6	12.6	14.2	16.5
Position Data				
Budgeted Positions	272	317	316	323
Regulatory and Governmental Affairs	55	59	59	60
Management and Administrative Services	217	258	257	263
Positions Budgeted in Lump Sum Appropriation	—	6	6	2
Authorized Positions—All Other	63	6	6	6
Total Positions	335	329	328	331

APPROPRIATIONS DATA (thousands of dollars)

Year Ending June 30, 1989					Year Ending June 30, 1991			
Orig. & (S)Supple- mental	Reapp. & (R)Recpts.	Transfers & (E)Emer- gencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recom- mended
Distribution by Program								
2,299	6	66	2,371	2,369				
					Regulatory and Governmental Affairs			
8,506	112	526	9,144	9,121	26	2,335	2,448	2,181
					Management and Administrative Services			
<u>10,805</u>	<u>118</u>	<u>592</u>	<u>11,515</u>	<u>11,490</u>		<u>10,817</u>	<u>11,466</u>	<u>9,622</u>
					Total Appropriation			
Distribution by Object								
Personal Services:								
8,307	—	304	8,611	8,608		8,626 ^(a)	9,225	7,887
					Salaries and Wages			
<u>8,307</u>	<u>—</u>	<u>304</u>	<u>8,611</u>	<u>8,608</u>		<u>8,626</u>	<u>9,225</u>	<u>7,887</u>
					Total Personal Services			
86	—	130	216	216		86	88	81
					Materials and Supplies			
732	—	1,117	1,849	1,848		1,591	1,544	1,263
					Services Other Than Personal			
103	—	-55	48	48		103	98	58
					Maintenance and Fixed Charges			
Special Purpose:								
—	—	52	52	50				
					Resource Interpretive Services			
—	—	26	26	26	26	—	—	—
					Outreach Program			
225	—	—	225	225	26	160	160	82
					Regulatory Services Expansion			
75	—	81	156	154	99	—	—	—
					Mosquito Control Coordination			
73	—	36	109	109	99	73	73	73
					Board of New Jersey Pilot Commissioners			
50	—	—	50	50	99	50	50	50
					Affirmative Action and Equal Employment Opportunity			

ENVIRONMENTAL PROTECTION

40. COMMUNITY DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT 46. ENVIRONMENTAL PLANNING AND ADMINISTRATION

Year Ending June 30, 1989					Year Ending June 30, 1991				
Orig. & (S) Supplemental	Reapp. & (R) Recpts.	Transfers & (E) Emergencies	Total Available	Expended	Prog. Class.	1990 Adjusted Approp.	Kean Admin. Request	Recommended	
1,026	33	-1,059	—	—					
100	—	—	100	100	99	—	—	—	
—	38 ^R	-30	8	—	99	100	200	100	
					99	—	—	—	
1,549	71	-894	726	714		383	483	305	
28	47	-10	65	56		28	28	28	
					OTHER RELATED APPROPRIATIONS				
5,514	1,623	-80	7,057	5,700		5,504	6,231	4,140	
325	301	—	626	—		—	1,823	—	
127,264	—	—	127,264	127,258		125,017	140,712	140,712	
143,908	2,042	512	146,462	144,448		141,338	160,232	154,474	
					Federal Funds				
—	560 2,081 ^R	—	2,641	2,234	99	18,700	7,560	7,560	
—	2,641	—	2,641	2,234		18,700	7,560	7,560	
					All Other Funds				
—	1,421 2,731 ^R	782	4,934	3,872	99	505	555	5	
—	4,152	782	4,934	3,872		505	555	5	
143,908	8,835	1,294	154,037	150,554		160,543	168,347	162,039	

Notes: (a) The fiscal year 1990 appropriation has been adjusted for the allocation of the salary program.

LANGUAGE PROVISIONS

It is recommended that the amount in the Board of New Jersey Pilot Commissioners account be payable out of receipts, and any receipts in excess of the amounts specifically set forth above, be appropriated.

126,799	36,583	1,742	165,124	142,699	Total Appropriation, Department of Environmental Protection	126,529	141,179	107,268
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