ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOWR, DOC, DENR, DOA, EPA, WRC/UI

ISSUE

Aquatic and Riparian Habitat

	Recommendation		FY 1986	FY 1987	FY 1988
	1. Operating Costs	State	418/0	80/680	126/210
		Federal	4/0	4/0	4/0
	2. Operating Costs	State	-	-	-
		Federal			
	3. Operating Costs	State	73.9/0	72.5/10	62.2/20
		Federal	106.6/0	7/0	7/0
			15/0*	20/0*	20/0*
TOTAL	Operating Costs	State	491.9/0	152.5/690	188.2/230
		Federal	110.6/0	11/0	11/0
			15/0*	20/0*	20/0*
	TOTAL COSTS		617.5	873.5	449.2

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOWR, DOC, DOA, EPA

ISSUE: AQUATIC AND RIPARIAN HABITAT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
1. Much data exists on Illinois' water resources. Unfortunately these abundant data are not always available in a usable form to answer basic questions. Without such information, habitat protection programs are difficult to develop and implement, and available resources for habitat protection cannot be targeted for maximum effectiveness. Therefore,						
A. The Department of Conservation (DOC) working with Taskforce agencies, will continue development of the Illinois Stream Information System (ISIS) by funding ISIS at a level sufficient to at least keep pace with and provide information on aquatic habitat values to IEPA's use-based water quality standard setting effort.	Operating Costs	DOC Federal	200/0 0	38/260 0	65/0 0	New headcount (data base manager) added in FY 87 with costs divided equally among 1a, 1b, 1c, operating costs include $200 for FY 86 for contractual support of ISIS from DOC non-land, non-construction capital budget. $15K per year beyond FY 86 required for ISIS maintenance.
	Operating Costs	EPA Federal	0/0 4/0	0/0 4/0	0/0 4/0	
B. The DOC, working with the Natural History Survey and the U.S. Fish and Wildlife Service, will initiate an inventory of Illinois' wetlands and integrate the resulting data into ISIS.	Operating Costs	DOC Federal	200/0 0	22/210 0	22/210 0	Includes $200 in FY 86 for contractual support.
	Operating Costs	DOA Federal	2/0 0	1/0 0	0 0	
	Operatng Costs	DENR Federal	2/0 0	2/0 0	2/0 0	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOWR, DOC, DOA, EPA ISSUE: AQUATIC AND RIPARIAN HABITAT

Recommendation (cont.)			FY 1986	FY 1987	FY 1988	Remarks
C. The DOC will add available data on Illinois' lakes, natural and man made, to ISIS to complete a water resource information system.	Operating Costs	DOC / Federal	2 / 0	5/210 / 0	25 / 0	Includes $200 for FY 87 contractual costs; $15.0 required yearly for maintenance support after FY 87.
D. Based on information from these systems, DOC will identify the most ecologically, recreationally, and economically important aquatic and riprarian habitats and develop programs to protect them through management, regulation, acquisition, and legislation.	Operating Costs	DOC / Federal	10/0 / 0	10/0 / 0	10/0 / 0	Existing staff.
E. Taskforce agencies will cooperatively develop a comprehensive statewide resource information system by establishing, as a first step, a formal mechanism for interagency cooperation to coordinate existing resource inventory and information system efforts. (See Natural Resource Information Systems operating issue.)	Operating Costs	DOWR / Federal	2/0 / 0	2/0 / 0	2/0 / 0	Part of normal program; handle by in-house staff.
Total costs for Recommendation 1.	Operating Costs	State / Federal	418/0 / 4/0	80/680 / 4/0	126/210 / 4/0	
	Total Costs		422	764	340	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOA

ISSUE: AQUATIC AND RIPARIAN HABITAT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
2. Currently, environmental protection of Illinois' waters is limited by the lack of formal authority for the Illinois Department of Transportation, Division of Water Resources (DOWR), to condition or refuse permits for construction activities along Illinois' rivers, lakes, and streams on environmental grounds. Therefore,						
A. DOWR will adopt formal rules and regulations for "An Act in Relation to Rivers, Lakes, and Streams of 1911", that explicitly include environmental considerations in water resources planning, permitting, and development.	Operating Costs	DOA Federal	-	-	-	DOA costs included in Water Resources Permit Coordination operating issue. DOA costs reflect review rulemaking document.
B. DOWR, working with DOC and IEPA, will implement these rules and regulations by informing permit applicants and by conditioning and, where necessary, rejecting applications on environmental grounds.	Operating Costs	DOC Federal	-	-	-	DOC costs included in Water Resources Permit Coordination operating issue.
Total costs for Recommendation 2.	Operating Costs	State Federal	-	-	-	
	Total Costs		-	-	-	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOWR, DOC, DENR, EPA, WRC/UI ISSUE: AQUATIC AND RIPARIAN HABITAT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
3. Currently, there is no accepted, common understanding of what should constitute minimum protected flow in Illinois' streams to maintain water quality, perpetuate aquatic life forms, and support recreational and other beneficial uses. Therefore,						
A. The Taskforce will adopt a state interim instream flow policy, planning and research agenda, and an interim standard that will protect flows while achieving an acceptable balance with other legitimate uses of Illinois water for agriculture, water supply, and industry. DOWR and DOC will present these recommendations to the Taskforce.	Operating Costs	DOWR Federal	30/0 0	20/0 0	0/10 0	Funds in FY 86 for IFG modelling of one additional basin. New funds in FY 88 to maintain IFG models.
	Operating Costs	DOC Federal	7/0 99.6	4/0 0	4/0 0	Federal costs reflect Dingell-Johnson portion of DENR-INHS Fisheries instream flow study; $4.0 per year required after FY 86.
	Operating Costs	DENR Federal	32.9/0 0	38.5/0 0	33.2/0 0	WHS staff match or Dingell-Johnson supported instream flow study.
	Operating Costs	EPA Federal	0 7/0	0 7/0	0 7/0	Efforts on instream standards will be handled within normal program.
	Operating Costs	WRC/UI Federal	4/0 15/0*	10/10 20/0*	10/10 20/0*	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOWR, DOC, DENR, EPA, WRC/UI ISSUE: AQUATIC AND RIPARIAN HABITAT

Recommendation (cont.)			FY 1986	FY 1987	FY 1988	Remarks
B. State agencies will implement the policy, agenda, and standard in agency operations and communicate them to water development interests and other affected parties.	Operating Costs	DOC Federal	-	-	-	Costs included in 3.A.
C. DOWR and DOC will develop mechanisms for revising the standard based on research and experience in implementation.	Operating Costs	DOC Federal	-	-	-	Costs included in 3.A.
	Operating Costs	DOWR Federal	0/0 0	0/0 0	15/0 0	Handled by in-house staff.
Total costs for Recommendation 3.	Operating Costs	State Federal	73.9/0 106.6/0 15/0*	72.5/10 7/0 20/0*	62.2/20 7/0 20/0*	
	Total Costs		195.5	109.5	109.2	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOC, DOA, EPA

ISSUE

Water Based Recreation

	Recommendation		FY 1986	FY 1987	FY 1988
	1. Operating Costs	State	1/0	3/0	1/0
		Federal	0	0	0
	2. Operating Costs	State	11/0	11/0	11/0
		Federal	5/0	5/0	5/0
	3. Operating Costs	State	23/0	4/0	4/0
		Federal	0	0	0
TOTAL	Operating Costs	State	35/0	18/0	16/0
		Federal	5/0	5	5
	TOTAL COSTS		40	23	21

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOC

ISSUE: WATER-BASED RECREATION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
1. In 1979, the Reagan administration abolished the Heritage Conservation and Recreation Service and eliminated its previous federal coordinating role for urban waterfront renewal. Therefore,						
A. The Department of Conservation (DOC), working with the Department of Commerce and Community Affairs (DCCA), will develop a State waterfront renewal policy in 1983, based on the project report Urban Waterfront Renewal: The Illinois Experience, funded by the State Water Plan Task Force, with federal Water Resources Council monies and the urban waterfront renewal workshop held in June, 1983.	Operating Costs	DOC Federal	1 0	1 0	1 0	DOC existing staff only; state and federal capital funds are used for waterfront renewal but are not specifically earmarked for this purpose. $1K will be needed per year beyond FY 86.
B. Future workshops on selected issues related to urban waterfront renewal will be held, cosponsored by the DOC and other interested agencies.	Operating Costs	DOC Federal	0 0	2/0 0	0 0	
Total costs for Recommendation 1.	Operating Costs	State Federal	1/0 0	3/0 0	1/0 0	
	Total Costs		1	3	1	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOC, DOA, EPA

ISSUE: WATER-BASED RECREATION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
2. Existing data on the recreational use of Illinois' waters is inadequate for effective planning and management. Therefore,						
A. The DOC will add statewide information in 1983 on the existing and potential recreational uses of Illinois' waters, both lakes and streams, to the Illinois Streams Information System (ISIS). This work will be funded by USEPA, through the IEPA, with Department of Conservation staff coordination and data collection.	Operating Costs	DOC	-	-	-	DOC existing staff only.
		Federal				
	Operating Costs	EPA	0/0	0/0	0/0	
		Federal	5/0	5/0	5/0	
B. The DOC will use this recreation information, in conjunction with data on the integrity of aquatic communities, to identify Illinois' most important streams and lakes and develop programs to better protect and manage these waters to meet recreation demands. Specifically, use this information to both guide IEPA's use-based revision of water quality standards and the interagency coordination of stream and lake management.	Operating Costs	DOC	10/0	10/0	10/0	Existing staff.
		Federal	0	0	0	
	Operating Costs	DOA	1/0	1/0	1/0	
		Federal	0	0	0	
Total costs for Recommendation 2.	Operating Costs	State	11/0	11/0	11/0	
		Federal	5	5/0	5/0	
	Total Costs		16	16	16	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOC
IMPLEMENTING AGENCY(IES): DOC

ISSUE: WATER-BASED RECREATION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
3. Although many access sites have been developed in Illinois during recent years, many through the Department of Conservation's local boating assistance program, additional, more effectively located, access is needed. Therefore,						
A. As part of the statewide assessment of recreational use (Recommendation 2 above), the DOC will collect information on the location of existing access sites statewide.	Operating Costs	DOC Federal	-	-	-	Costs included in 2.a.
B. The DOC will analyze the statewide access site data to provide improved direction to the Department of Conservation's boating assistance program in locating new sites.	Operating Costs	DOC Federal	3 0	3 0	3 0	
C. The DOC, DCCA and others will increase public awareness of existing opportunities by publishing a directory of Illinois' boat liveries and charter boat services in 1983.	Operating Costs	DOC Federal	20 0	1 0	1 0	Directory in press; was reprinted in FY 85 and revised and printed in FY 86.
Total costs for Recommendation 3.	Operating Costs	State Federal	23/0 0	4/0 0	4/0 0	
	Total Costs		23	4	4	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DENR
IMPLEMENTING AGENCY(IES): DWR, DENR

ISSUE

Atmospheric Changes and Management

	Recommendation		FY 1986	FY 1987	FY 1988
	1. Operating Costs	State	100/100	50/100	100/150
		Federal	30/0	100/0	100/0
	Capital Costs	State	-	-	-
		Federal			
	2. Operating Costs	State	50/50	50/50	50/50
		Federal	30/0	0	0
	Capital Costs	State	0/400	0	0
		Federal	0	0	0
	3. Operating Costs	State	100/0	100/200	100/500
		Federal	650/0	525/0	1500/0
	4. Operating Costs	State	10/30	11/0	11/0
		Federal	0	0	0
TOTAL	Operating Costs	State	260/180	211/350	261/700
		Federal	710/0	625/0	1600/0
	Capital Costs	State	0/400	0/0	0/0
		Federal	0	0	0
	TOTAL COSTS		1550	1186	2561

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DENR
IMPLEMENTING AGENCY(IES): DENR

ISSUE: ATMOSPHERIC CHANGES AND MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
1. A research and monitoring program be sustained to detect and predict climate shifts and changes due to man-made effects such as acid rain and heavier rains in metropolitan areas.	Operating Costs	DENR / Federal	100/100 / 30/0	50/100 / 100/0	100/150 / 100/0	Federal support depends on State investment.
	Capital Costs	DENR / Federal	-	-	-	
Total costs for Recommendation 1.	Operating Costs	State / Federal	100/100 / 30/0	50/100 / 100/0	100/150 / 100/0	
	Capital Costs	State / Federal	-	-	-	
	Total Costs		230	250	350	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DENR
IMPLEMENTING AGENCY(IES): DENR

ISSUE: ATMOSPHERIC CHANGES AND MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
2. The Illinois Climate Center should continue to develop means to improve user access to long-range climate predictions and climate data, and enhance public and institutional awareness of climate change.	Operating Costs	DENR/Federal	50/50 30/0	50/50 0	50/50 0	
	Capital Costs	DENR/Federal	0/400 0	0 0	0 0	
Total costs for Recommendation 2.	Operating Costs	State/Federal	50/50 30/0	50/50 0	50/50 0	
	Capital Costs	State/Federal	0/400 0	0 0	0 0	
	Total Costs		530	100	100	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DENR
IMPLEMENTING AGENCY(IES): DENR

ISSUE: ATMOSPHERIC CHANGES AND MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
3. Research concerning weather modification should be pursued to determine how to increase precipitation (including project organization), and scientific assessments of private projects by the State Water Survey.	Operating Costs	DENR Federal	100/0 650/0	100/200 525/0	100/500 1500/0	
Total costs for Recommendation 3.	Operating Costs	State Federal	100/0 650/0	100/200 525/0	100/500 1500/0	
	Total Costs		750	825	2100	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DENR
IMPLEMENTING AGENCY(IES): DOWR, DENR

ISSUE: ATMOSPHERIC CHANGES AND MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
4. A Climate Detection and Assistance Team should be established to develop drought and flood contingency plans, and to develop policy positions and regulatory recommendations regarding unfavorable atmospheric modifications including acid rainfall.	Operating Costs	DOWR / Federal	0/0 / 0	1/0 / 0	1/0 / 0	Part of normal program handled by inhouse staff.
	Operating Costs	DENR / Federal	10/30 / 0	10/0 / 0	10/0 / 0	
Total costs for Recommendation 4.	Operating Costs	State / Federal	10/30 / 0	11/0 / 0	11/0 / 0	
	Total Costs		40	11	11	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DWR, DENR, DOA, EPA, ICC

ISSUE

Drought and Emergency
Interruption of Supplies

	Recommendation		FY 1986	FY 1987	FY 1988
	1. Operating Costs	State	10/0	11/0	12/0
		Federal	0	0	0
	2. Operating Costs	State	25/0	33/0	34/0
		Federal	0	0	0
	3. Operating Costs	State	8/0	8/0	8/0
		Federal	3/0	3/0	3/0
	4. Operating Costs	State	0	0	0
		Federal	0	0	0
TOTAL	Operating Costs	State	43/0	52/0	54/0
		Federal	3/0	3/0	3/0
	TOTAL COSTS		46	55	57

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DENR

ISSUE: DROUGHT AND EMERGENCY INTERRUPTION OF SUPPLIES

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
1. Adequate planning and early warnings are necessary requirements for a complete Statewide drought response program. The Illinois State Water Survey now publishes a monthly report on Illinois climatic conditions and trends. Therefore:						
A. The State Water Survey will continue to issue monthly reports and projections of climate and water supply conditions as a principle means of alerting agencies at various levels of the current drought potential.	Operating Costs	DENR	10/0	11/0	12/0	
		Federal	0	0	0	
Total costs for Recommendation 1.	Operating Costs	State	10/0	11/0	12/0	
		Federal	0	0	0	
	Total Costs		10	11	12	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DOWR, DENR, DOA

ISSUE: DROUGHT AND EMERGENCY INTERRUPTION OF SUPPLIES

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
2. State Water Plan Special Report No. 3 entitled, "Drought Contingency Planning" summarizes the drought-related activities of Illinois State agencies. Therefore:						
A. The drought response framework described in the report with the following elements will be implemented:	Operating Costs	DOWR Federal	10/0 0	20/0 0	20/0 0	Part of normal program; handled by inhouse staff.
	Operating Costs	DENR Federal	11/0 0	12/0 0	13/0 0	
1. Identification of the onset of drought 2. Assessment of the extent, severity, and duration of drought 3. Convening drought response task force 4. Develop appropriate levels of public notices 5. Reassessment based upon condition reports 6. Encouragement of appropriate local level response 7. Initiation coordinated assistance of state agencies 8. Issuance of disaster declaration from the Governor 9. Seeking federal disaster assistance 10. Supplemental funding for the State Disaster Fund 11. Carry out public education	Operating Costs	DOA Federal	4/0 0	1/0 0	1/0 0	
Total costs for Recommendation 2.	Operating Costs	State Federal	25/0 0	33/0 0	34/0 0	
	Total Costs		25	33	34	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DOWR, DENR, DOA, EPA

ISSUE: DROUGHT AND EMERGENCY INTERRUPTION OF SUPPLIES

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
3. Illinois' various programs for drought response need to be coordinated and placed in a constant state of preparation. Therefore:						
A. Illinois State agencies will rename members and alternates to the State Drought Task Force. This task force shall meet annually to review readiness and shall be co-chaired by the Director of the Division of Water Resources and Head of the IEPA Public Water Supply Section.	Operating Costs	DOWR Federal	4/0 0	4/0 0	4/0 0	Part of normal program; handled by inhouse staff.
	Operating Costs	DENR Federal	1/0 0	1/0 0	1/0 0	
	Operating Costs	DOA Federal	2/0 0	2/0 0	2/0 0	
	Operating Costs	EPA Federals	1/0 3/0	1/0 3/0	1/0 3/0	Public Water Supply will work on this issue; effort is with normal program.
Total costs for Recommendation 3.	Operating Costs	State Federal	8/0 3/0	8/0 3/0	8/0 3/0	
	Total Costs		11	11	11	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): ICC

ISSUE: DROUGHT AND EMERGENCY INTERRUPTION OF SUPPLIES

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
4. One special problem that exists in drought events in the demand placed on proprietary water systems regulated by the Illinois Commerce Commission. Therefore:						
A. The Illinois Commerce Commission should consider rate adjustments for proprietary water systems during water emergencies to promote conservation and compensate for lost revenue.	Operating Costs	ICC Federal	-	-	-	Part of normal program. Handled by inhouse staff on an as-needed basis.
Total costs for Recommendation 4.	Operating Costs	State Federal	0 0	0 0	0 0	
	Total Costs		0	0	0	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DOWR, DOC, DOA, WRC/UI

ISSUE

Water Use Law

	Recommendation		FY 1986	FY 1987	FY 1988
	1. Operating Costs	State	12/0	22/0	22/0
		Federal	0	0	0
	2. Operating Costs	State	6/0	16/0	16/0
		Federal	0	0	0
	3. Operating Costs	State	-	-	-
		Federal			
	4. Operating Costs	State	-	-	-
		Federal			
TOTAL	Operating Costs	State	18/0	38/0	38/0
		Federal	0	0	0
	TOTAL COSTS		18	38	38

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DOWR, DOC, DOA, WRC/UI

ISSUE: WATER USE LAW

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
1. The State of Illinois has conferred broad powers on the Department of Transportation to preserve and protect the "public waters" of the State in the "Rivers and Lakes Act of 1991," Ill. Rev. Stat. Ch. 19, Sec. 52-78. The full scope of these powers is presently unknown because of the lack of a clear definition of the term "public waters." A determination of the "public waters" of the State is important because it effects the implementation of many of the recommendations in this Plan. Therefore:						
A. The State of Illinois through the Department of Transportation Division of Water Resources will immediately undertake a comprehensive investigation to precisely define and identify the "public waters" of the State of Illinois.	Operating Costs	DOWR / Federal	10/0	20/0	20/0	Part of ongoing inhouse program.
	Operating Costs	DOC / Federal	1 / 0	1 / 0	1 / 0	Inhouse review and comment.
	Operating Costs	DOA / Federal	1/0 / 0	1/0 / 0	1/0 / 0	
	Operating Costs	WRC/UI / Federal	0 / 0	0 / 0	0 / 0	
B. The Department will also develop appropriate administrative rules and a regulatory program to protect the public's rights and interests in the "public waters".						
Total costs for Recommendation 1.	Operating Costs	State / Federal	12/0 / 0	22/0 / 0	22/0 / 0	
	Total Costs		12	22	22	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DOWR, DOA

ISSUE: WATER USE LAW

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
2. There is virtually no statutory or common law which provides for the management and protection of the quantity of water in the prime groundwater aquifers of the State. There is no adequate enabling authority for groundwater management districts in Illinois. These districts, although, have been successful in other regions of the nation. Therefore:						
A. The State will work with groundwater users to develop legislation and a program to provide for the creation of local groundwater management districts where needed to manage water supplies.	Operating Costs	DOWR / Federal	5/0 / 0	15/0 / 0	15/0 / 0	Part of normal program handled by inhouse staff.
	Operating Costs	DOA / Federal	1/0 / 0	1/0 / 0	1/0 / 0	
B. The State Water Survey will provide groundwater data to soil and water conservation districts in fulfilling requirements of P.A. 83-700, and added support is essential.						
Total costs for Recommendation 2.	Operating Costs	State / Federal	6/0 / 0	16/0 / 0	16/0 / 0	
	Total Costs		6	16	16	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES):

ISSUE: WATER USE LAW

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
3. There is currently no legislation or program which provides for the determination of minimum flows or levels in Illinois streams and lakes for the protection of aquatic life, minimum water quality standards, and instream water uses. Therefore:						
A. The State must develop a program and evaluate the need for legislation which will allow for the determination and protection of minimum instream flows and lake levels within the State of Illinois. (See Aquatic and Riparian Habitat)	Operating Costs	State Federal	-	-	-	See Aquatic and Riparian Habitat Issue.
Total costs for Recommendation 3.	Operating Costs	State Federal	0 0	0 0	0 0	
	Total Costs		0	0	0	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): DOWR
IMPLEMENTING AGENCY(IES): DOA

ISSUE: WATER USE LAW

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
4. Conflicts in Illinois over water use and development generally do not become apparent until the occurrence of a prolonged drought event. These conflicts and droughts are generally of a regional nature. The regions can be defined with reasonable accuracy through application of water balance models and drought-duration-frequency analysis. Therefore:						
A. Through the State Water Survey, the State will continue to monitor water use on a statewide basis and evaluate the balance of supplies and demands on a regional basis.						
B. When regional imbalances of supplies and demands become apparent which cannot be rectified by local action, legislation may be required to use State emergency powers to manage and allocate water in such regions during the water shortage emergency.						
Total costs for Recommendation 4.	Operating Costs	State	-	-	-	
		Federal				
	Total Costs		-	-	-	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EPA
IMPLEMENTING AGENCY(IES): DOWR, DOC, DENR, DOA, EPA, WRC/UI

ISSUE

Integrated Water Management

	Recommendation		FY 1986	FY 1987	FY 1988
	1. Operating Costs	State	20/0	21/0	21/0
		Federal	3/0	3/0	3/0
	2. Operating Costs	State	50.5/0	50.5/0	50.5/0
		Federal	110/0	110/0	110/0
	3. Operating Costs	State	0/100	-	-
		Federal	0		
	4. Operating Costs	State	3.5/0	3.5/0	3.5/0
		Federal	2/0	2/0	2/0
TOTAL	Operating Costs	State	74/100	75/0	75/0
		Federal	115/0	115/0	115/0
	TOTAL COSTS		289	190	190

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EPA
IMPLEMENTING AGENCY(IES): DOWR, DOC, DOA, EPA, WRC/UI ISSUE: INTEGRATED WATER MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
1. A Successor Group to the State Water Plan Taskforce will be established.	Operating Costs	DOWR / Federal	8/0 / 0	8/0 / 0	8/0 / 0	Cost for Task Force staff participation and Executive Director.
	Operating Costs	DOC / Federal	5/0 / 0	5/0 / 0	5/0 / 0	Existing staff.
	Operating Costs	DOA / Federal	3/0 / 0	3/0 / 0	3/0 / 0	
	Operating Costs	EPA / Federal	0/0 / 3/0	0/0 / 3/0	0/0 / 3/0	
	Operating Costs	WRC/UI / Federal	4/0 / 0	5/0 / 0	5/0 / 0	
Total costs for Recommendation 1.	Operating Costs	State / Federal	20/0 / 3/0	21/0 / 3/0	21/0 / 3/0	
	Total Costs		23	24	24	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EPA
IMPLEMENTING AGENCY(IES): DOWR, DOC, DENR, DOA, EPA

ISSUE: INTEGRATED WATER MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
2. Identify the location of geographic priorities.	Operating Costs	DOWR / Federal	2/0 / 0	2/0 / 0	2/0 / 0	Handled by inhouse staff.
	Operating Costs	DOC / Federal	1.5 / 0	1.5 / 0	1.5 / 0	Existing staff.
	Operating Costs	DENR / Federal	6/0 / 0	6/0 / 0	6/0 / 0	
	Operating Costs	DOA / Federal	1/0 / 0	1/0 / 0	1/0 / 0	
	Operating Costs	EPA / Federal	40/0 / 110/0	40/0 / 110/0	40/0 / 110/0	Includes facility surveys, basin surveys and intensive surveys; excludes laboratory costs.
Total costs for Recommendation 2.	Operating Costs	State / Federal	50.5/0 / 110/0	50.5/0 / 110/0	50.5/0 / 110/0	
	Total Costs		160.5	160.5	160.5	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EPA
IMPLEMENTING AGENCY(IES): DENR

ISSUE: INTEGRATED WATER MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
3. Develop incremental Data Base Management.	Operating Costs	DENR	0/100	0	0	
		Federal	0	0	0	
Total costs for Recommendation 3.	Operating Costs	State	0/100	0	0	
		Federal	0	0	0	
	Total Costs		100	0	0	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EPA
IMPLEMENTING AGENCY(IES): DOWR, DOC, DOA, EPA

ISSUE: INTEGRATED WATER MANAGEMENT

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
4. Establish a system for accountability.	Operating Costs	DOWR / Federal	2/0 / 0	2/0 / 0	2/0 / 0	Part of normal program; handled by inhouse staff.
	Operating Costs	DOC / Federal	1/0 / 0	1/0 / 0	1/0 / 0	Existing staff.
	Operating Costs	DOA / Federal	0.5/0 / 0	0.5/0 / 0	0.5/0 / 0	
	Operating Costs	EPA / Federal	0/0 / 2/0	0/0 / 2/0	0/0 / 2/0	No additional costs incurred for implementation.
Total costs for Recommendation 4.	Operating Costs	State / Federal	3.5/0 / 2/0	3.5/0 / 2/0	3.5/0 / 2/0	
	Total Costs		5.5	5.5	5.5	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): DOA, DOWR, EPA, DOC, DCCA

ISSUE

Conflict Resolution

	Recommendation		FY 1986	FY 1987	FY 1988
	1. Operating Costs	State	1/0	1/0	1/0
		Federal	0	0	0
	2. Operating Costs	State	-	-	-
		Federal			
	3. Operating Costs	State	-	-	-
		Federal			
	4. Operating Costs	State	1/0	1/0	1/0
		Federal	0	0	0
	5. Operating Costs	State	-	-	-
		Federal			
	6. Operating Costs	State	3/0	3/0	3/0
		Federal	0	0	0
	7. Operating Costs	State	70/0	70/0	70/0
		Federal	16/0	16/0	16/0
	8. Operating Costs	State	-	-	-
		Federal			
TOTAL	Operating Costs	State	75/0	75/0	75/0
		Federal	16/0	16/0	16/0
	TOTAL COSTS		91	91	91

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): DOA, DENR

ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
1. Conflicts should be resolved at the lowest feasible level of government.	Operating Costs	DOA / Federal	1/0	1/0	1/0	Assistance to local SWCD's when requested.
	Operating Costs	DENR / Federal	-	-	-	See Competition for Water.
Total Costs for Recommendation 1.	Operating Costs	State / Federal	1/0	1/0	1/0	
	Total Costs		1	1	1	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
2. As discussed in another section of this report, on Illinois Water Use Law, the statutes with regard to public waters will be clarified through interpretation.	Operating Costs	State / Federal	-	-	-	See Water Use Law

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
3. Maximum continuing use of improved supply/demand information will be employed through planning by the agencies individually and collectively through interagency mechanisms to anticipate shortages, competition, and possible conflicts. Such actions are particularly important during period of low flow, and should be anticipated in drought contingency planning.	Operating Costs	State Federal	-	-	-	See Drought and Emergency Interruption of Supplies Section.

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): DOA

ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
4. Maximum support and encouragement will be given to the use of local districts which are possible under existing or additional enabling legislation, and which have the power to allocate water resources to various uses within their district boundaries.	Operating Costs	DOA / Federal	1/0	1/0	1/0	
	Operating Costs	DOWR / Federal	-	-	-	See Protection of Underground Water Issue.
Total Costs for Recommendation 4.	Operating Costs	State / Federal	1/0	1/0	1/0	
	Total Costs		1	1	1	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
5. A successor to the Water Plan Task Force will be established as the first line for resolving interagency conflicts. That the Natural Resources Sub-Cabinet be used in any conflicts which cannot be resolved at the Task Force level.	Operating Costs	State Federal	-	-	-	See Integrated Water Mgmt. Section.

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): DOWR

ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
6. Where useful interstate agreements be sought with neighboring States -- particularly Wisconsin and Indiana -- for the management of shared resources. Along the border streams -- the Mississippi, Ohio, and Wabash -- adequate monitoring of water quality and quantity and existing liaisons should be maintained to anticipate and possibly avoid interstate and federal/state problems including permits, construction, and operation.	Operating Costs	DOWR	3/0	3/0	3/0	
		Federal	0	0	0	
Total Costs for Recommendation 7.	Operating Costs	State	3/0	3/0	3/0	
		Federal	0	0	0	
	Total Costs		3	3	3	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
7. Problems arising on Lake Michigan and the Great Lakes including water quality and lake levels are properly addressed by existing agencies such as the Great Lakes Commission and the International Joint Commission. Illinois should maintain an active presence and participation in these agencies.	Operating Costs	DOWR / Federal	35/0	35/0	35/0	Membership and travel for interstate and international commissions and associations.
	Operating Costs	DOC / Federal	3/0	3/0	3/0	
	Operating Costs	EPA / Federal	32/0	32/0	32/0	Membership and travel for interstate and international commissions and associations.
Total Costs for Recommendation 7.	Operating Costs	State / Federal	70/0	70/0	70/0	
	Total Costs		86	86	86	

ANNUAL WATER PLAN IMPLEMENTATION COST ESTIMATES
(costs in thousands)

LEAD AGENCY(IES): EXECUTIVE DIRECTOR, STATE WATER PLAN
IMPLEMENTING AGENCY(IES): ISSUE: CONFLICT RESOLUTION

Recommendation			FY 1986	FY 1987	FY 1988	Remarks
8. That the Courts be relied upon as a means of last resort for the resolution of conflicts which cannot be managed under any of the foregoing mechanisms.	Operating Costs	State / Federal	-	-	-	