



River Test, Long Parish



NRA

National Rivers Authority

Guardians of
the Water Environment



REGIONAL PLAN 1993/94

SOUTHERN REGION

DECEMBER 1992



NRA

NRA SOUTHERN REGION

1993/94 REGIONAL PLAN

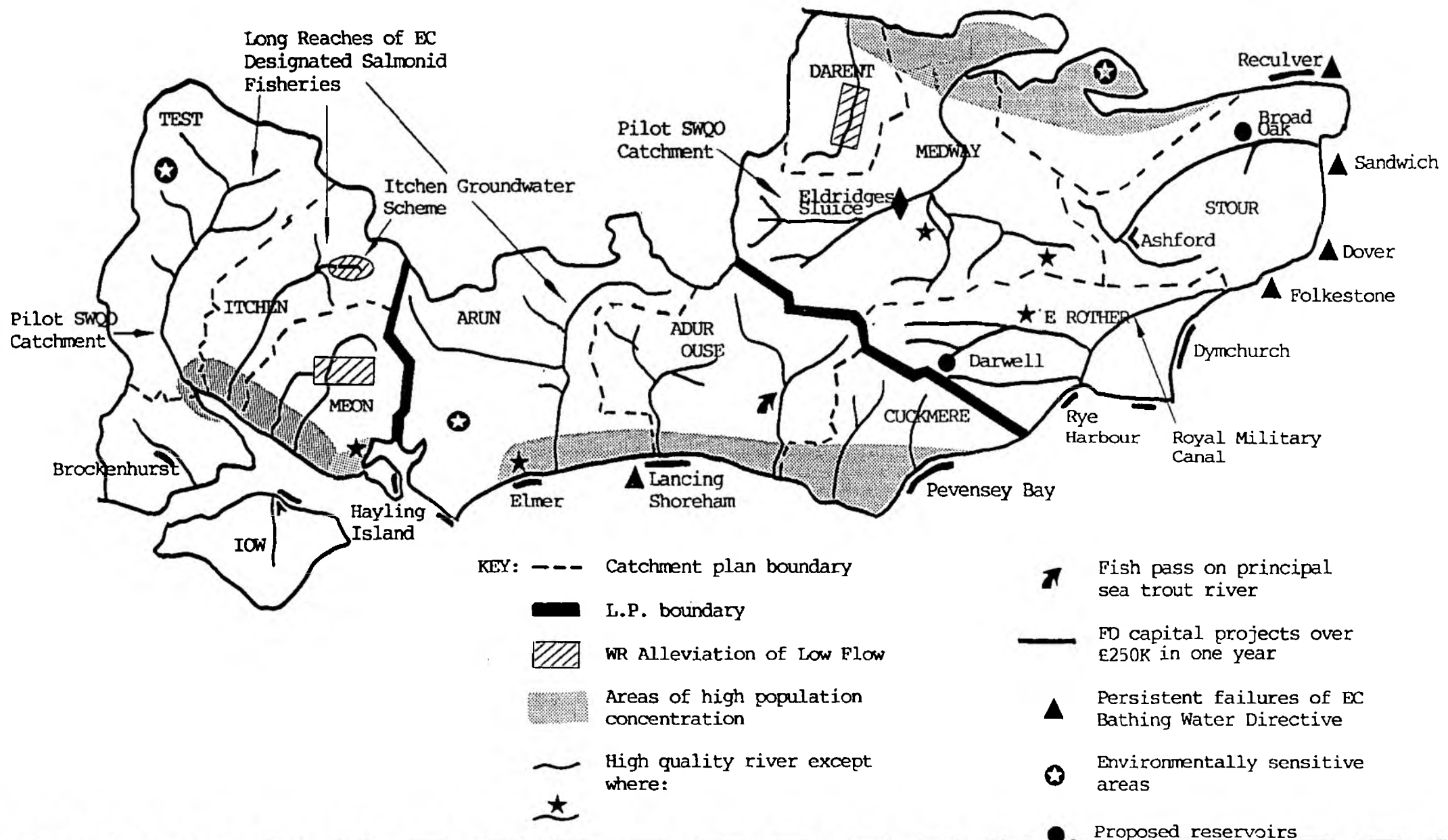
DECEMBER 1992

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SOUTHERN REGION

KEY PRIORITIES



SOUTHERN REGION 1993/94 REGIONAL PLAN

RGM'S SUMMARY

Key Issues & Priorities

Southern Region has a high population density of 4.6 persons per hectare particularly concentrated in coastal areas, a long vulnerable coastline of 900 kms, some of the finest chalk streams in the country which are renowned for their salmon and trout fisheries and, with 75% of public water supply coming from aquifers, the highest dependence on groundwater of all 10 NRA Regions.

The adjacent map shows key environmental features and outlined below are the main priorities for making a difference to the environment over the 1993/94 - 1996/97 Plan period.

1. Salmon Fisheries

The prestigious Hampshire chalk streams have been suffering from declining salmon stocks. With highly concerned and articulate customers, the region aims to reverse this decline. However, the success of this is highly dependent on sustaining and increasing funding and hence this represents a major problem area for the region.

2. Sea Defence

Major capital works are needed around the region's 900 km coastline. The single largest item of expenditure is required at Pevensey Bay at an estimated cost of £32m over five years. This will protect thousands of residential properties and 5200 ha land from flooding. The recent storms have reinforced the need for our continued investment programme to improve vulnerable sea defences including shingle renourishment on our many south facing mobile beaches, such as that at Seaford which requires an estimated £80k per annum.

3. Water Resources

With a population of nearly 5 million served by 9 Water Companies, where drought conditions have persisted for 4 years, it is vital to achieve proper conservation and allocation of resources through the regional water resources strategy, and to give full consideration to the proposed reservoir schemes at Broad Oak and Darwell. At the same time, performance in determining abstraction licences will be improved to the national standard within 2 years. Solutions to low flow problems such as the Darent and Wallop Brook will be progressed and will require funding above the levels currently approved.

4. Bathing Waters

Investment of hundreds of millions of pounds by Water Companies in sewage treatment to meet EC Bathing Water & Urban Waste Water Directives means that a considerable effort is being targeted at

liaising with the Water Companies and monitoring their capital investment programme to ensure that all 67 of the Region's EC bathing beaches are kept to at least the required standard to provide clean and safe use for the public.

5. River Quality

The Region's rivers are generally of high quality with 1500 kms in NWC Class 1A and 1B. This is very important as the Region's river network supports high quality fisheries and are of high amenity value. In addition, water is abstracted for public water supply. It is therefore important to maintain these high standards in which there is much public interest. We will progress by setting SWQOs initially on the Rivers Test and Medway and thereafter in conjunction with our Catchment Management Plan programme.

In addition to the above, the following priority issues are causing concern within the Region.

1. The existing Eldridges Sluice on the River Medway navigation is in a dilapidated state, is extremely difficult to operate and, if it collapsed, then it would have major impact on the navigation. Funding is required in 1993/94 if this important work is to proceed.
2. Now that the future management of the Harbour of Rye has been agreed, it is important that the Management Plan identified during the public consultation should proceed without delay.
3. The continuation of collaborative recreation projects on the River Medway and River Stour and facility management at Park Wood, Sussex will do much to improve the amenity and recreation value of these areas.

The above priorities will inevitably present various interactions and potential conflicts of interest, hence requiring careful planning at the local level through the CMP programme. Operations too will be managed on a multi-functional catchment basis as illustrated by the Region's Logical Process proposals.

Use of Resources

In 1993/94 the Region's planned total expenditure is £44.3m comprising £16.5m capital and £27.8m revenue. This represents an overall increase of 2.5% against the 1992/93 budget and comprises a 5.5% increase in revenue expenditure and a 1.8% decrease in capital expenditure. With the GIA services showing a decrease or a standstill against 1992/93, the bulk of the increase is attributable to planned expenditure levels in Water Resources and Flood Defence.

The total revenue spend for 1993/94 is apportioned as follows:
Water Quality 21%, Fisheries 5.3%, Recreation and Conservation 1%,
Navigation 2.5%, Water Resources 22.2% and Flood Defence 48%. Of the capital

spend, 6% will be in Water Resources and 90% in Flood Defence with the remainder in the other functions.

The most significant change will be noticed in Fisheries where there has been a real decrease against the 1992/93 budget of 8% (allowing for inflation at 2.2%) in 1993/94. This decrease will be compounded in future years. Problems with Fisheries funding have been exacerbated by a decline in rod licence sales as a result of the decrease in sales outlets throughout the Region resulting from reduced commission rates. The Fisheries funding crisis highlights the need to progress the National Projects relating to direct income such as S.142 and the Commercial Licence Review. In the meantime, spending plans in Fisheries necessitate some drastic cost cutting proposals (See 2.4.3).

Arising from the GIA expenditure targets notified, substantial shortfalls are identified in the Plan. It is particularly disappointing that despite recognition following last year's Star Chamber process that this Region is under resourced, the situation has not been remedied; on the contrary the GIA base has been reduced in real terms following the priority adjustment.

The 'Resource Needs Matrix' seems to identify the priority of the functions in the Regions and not the priority for resourcing those functions. This has had a particularly adverse effect on the Fisheries GIA allocation. Whilst the reduction can be accommodated in 1993/94 by a drastic reduction in the capital programme, the further reduction in 1994/95 can only be accommodated by reductions in standards of service in a function where over 70% of direct costs are manpower related. Southern Region now has the lowest expenditure allocation of Fisheries.

Head Office are therefore requested to review the GIA allocation to the Region, particularly in relation to Fisheries.

In Flood Defence the major expenditure will be on sea defences with planned capital expenditure totalling £15m in 1993/94 rising to £15.5m in 1994/95. In 1994/95 capital expenditure is dominated by two major schemes in Sussex and Kent. Commencement of these schemes will require the appropriate levy increases for 1994/95 and future years to be well in excess of current inflation.

Water Resources expenditure plans are subject to review in respect of the timing of significant compensation payments relating to the alleviation of low flows.

Elsewhere major injections of capital are required for the Medway Navigation and the clean up of contaminated land sites.

Information Systems, the use of consultants, delayed recruitment and the purchase of materials and equipment have been identified as areas providing the greatest potential for efficiency savings amounting to around £600k in 1993/94 and £700k in 1994/95.

Major staffing changes are largely dependent on the current recruitment freeze and imminent organisational changes.

Summary of Shortfalls

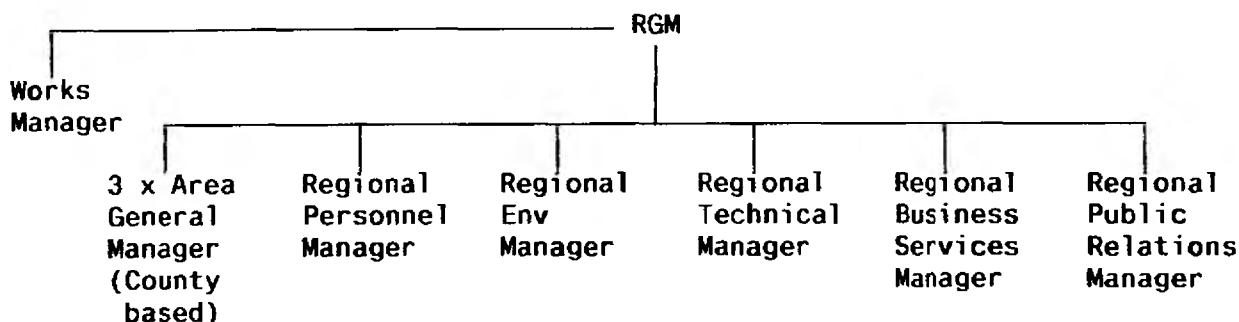
	93/94 FTE	94/95 FTE	93/94 Uncomp	94/95 Uncomp	93/94 £k	94/95 £k
GIA						
1. Fisheries Staff	5				150	
Keep current standard					195	105
Sub total	5				345	105
2. Navigation Eldridges Sluice					257	
Other					31	
Sub total					288	
3. Water Quality Staff			5	3	194	118
Capital					220	
Sub total			5	3	414	118
4. Conservation				0.5		
5. Recreation			0.5	0.5	15	
TOTAL GIA	5		5.5	4	1062	223
6. Water Res Staff	3		2	4		
7. Finance Staff		1				20
8. IS	See IS plans for details					
TOTAL NON-GIA	3	1	2	4		20

NB Uncomplemented staff requirements identified above are on an annual-need basis. Accommodation needs are excluded.

1. CROSS FUNCTIONAL ACTIVITY

1.1 Regional Management Structure

Southern Region's proposed RMT structure at April 1993 reflecting Logical Process is as shown below:



1.2 Catchment Management Plan 1992/93 - 1996/97

The following table sets out Southern Region's Catchment Management Plan programme:

Catchment		Consultation Report	Final Plan
Test	Hampshire	1991/92	1992/93
Medway	Kent	"	"
Itchen	Hampshire	1992/93	1993/94
Darent	Kent	"	"
Eastern Rother	Sussex	1993/94	1994/95
Stour/E Kent	Kent	"	"
IoW	IoW	1994/95	1995/96
Arun	Sussex	"	"
Adur/Ouse	Sussex	1995/96	"
Meon	Hampshire	"	"
Cuckmere	Sussex	"	1996/97
W Hampshire	Hampshire	1996/97	"
N Kent	Kent	"	"

Changes that have been made since the 1992/93 Corporate Plan are as follows:

- Combined minor E Kent catchment with more significant Stour catchment.
- Combined Adur and Ouse catchments in one document to avoid dividing chalk block water resource areas.
- IoW Plan brought forward one year instead of the Ouse Plan which is delayed by one year to take account of Adur Plan timetable.
- Cuckmere Plan brought forward one year to meet national CMP programme timetable.

1.3 Plans for Market Testing

Regional progress against the market testing programme as outlined in the 1992/93 Corporate Plan is as follows:

1.3.1 Laboratories

The chemistry and virology laboratory services are to be subject to a client/contractor separation from 1st April 1993. These form only part of the laboratory services within the NRA and a decision on other components (Biology/Microbiology etc) is awaited.

In Southern Region, changes to the structure to effect the client/contractor separation for chemistry are minimal. Three new posts have been identified to accommodate the new billing and contract monitoring requirements. These posts will remain vacant until the value for money exercise is advanced. Following the client/contractor separation, decisions will be made on the management structure and on the preferred option for Market Testing. These matters and the associated timescales are currently being considered.

Virology in Southern Region has always operated as a contract and will continue to do so.

1.3.2 Flood Defence

1. Plant and Transport Maintenance

A report is being produced for Management Team outlining the effects of 3 scenarios:-

- i) Set-up an in-house Contractor to do Plant and Transport maintenance, small plant maintenance and E & M fixed plant maintenance.
- ii) Contract out all Plant and Transport maintenance but maintain an E & M section to keep fixed plant maintenance in-house.
- iii) Contract out all Transport, Plant and E & M maintenance.

2. Design

Southern Region has no in-house design resource and proposals for creation of an in-house design team have at present been shelved.

3. New Works Construction (Capital Work)

At present only a small amount of Capital Work is done by the in-house workforce but it is considered that this work is useful to maintain construction skills. However, the structure and deployment of the work force are determined primarily by the requirements of maintenance and emergency response. Bids for Capital Work must be subject to these constraints.

4. Maintenance Works

A pause has been requested for market testing of maintenance works. It seems however that it is likely that this will be required at some time in the future. Experience in Local Authorities has suggested that timescales for the full development of competitive tendering can be as much as 10 years. The Region will therefore take advantage of the "pause" to set-up systems to specify and cost works in order to minimise the eventual lead-time.

1.4 Environment Agency

The Region has established and is in the process of enhancing links with the local Waste Regulation Authorities and HMIP. Current thinking on the future organisation of the Region incorporates a high degree of flexibility to take account of future changes arising out of the new Agency.

1.5 Multi-functional Developmental Initiatives

See table and comments which show regional senior management (Grade 10 and above) and total resource commitment to each multi-functional Developmental Initiative (DI).

1.6 Multi-functional Targets

Target	Outcome	Six Month Milestone	Completion Date
Complete 2 RCMP (Rother & Stour) Consultation Reports and 2 Final CMPs	Improved strategic planning; improved liaison with external bodies and better management of NRA resources	Consultation reports complete	Mar 1994
Mount regional emergency multi-functional exercise to test emergency procedures	Improved emergency NRA response	Planning complete	Mar 1994

PUBLIC AFFAIRS

	63(a)				63(b)				
DEVELOPMENTAL INITIATIVES (PRIORITIES AND PROJECTS)	REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION	PROGRESS
	93/94		94/95		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS	STATUS
REF NO.	Y/N	No.	Y/N	No.	1993/94	1994/95	1993/94	1994/95	
PA 1 ENVIRONMENT AGENCY	Y	1.9	Y	1.9	2.4	2.95	114	142	MUST DO

Public Affairs Comments

PA For 1994/95 a more realistic input of SM time is estimated to be 2.6

OPERATIONS

		83(a)				83(b)			
DEVELOPMENTAL INITIATIVES (PRIORITIES AND PROJECTS)		REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION
		93/94		94/95		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS
REF NO.		Y/N	NOE	Y/N	NOE	1993/94	1994/95	1993/94	1994/95
OPS 1	MARKET TESTING (FD/LABS) AND FLOOD DEFENCE MGMT INFO SYSTEM	Y	1.8	Y	1.3	15.35	14.35	579	526
OPS 6	CATCHMENT MANAGEMENT PLANNING (2 PER REGION)	Y	2.7	Y	2.7	4.2	4.2	187	187
OPS 2	TOTAL QUALITY	N	0.41	N	0.41	0.5	0.5	30	30
OPS 7	ENVIRONMENTAL POLICY	N	0.42	N	0.55	0.74	1.1	29	32
OPS 8	PROJECT MANAGEMENT (PRINCE)	Y	0.29	-	-	1.5	-	54	-
OPS 5	PLANNING LIAISON (NEW STRUCTURE PLANS)	N	1.5	N	1.5	4	4	156	156
OPS	TRANSPORT AND PLANT	Y	0.02	Y	0.02	0.22	0.22	6.8	6.8
OPS 4	HEAD OFFICE EMERGENCY CONTROL ROOM								

Operations Comments

Must Do Projects

OPS 1 The following is considered to be a more realistic input of SM time:

1993/94	3.85
1994/95	3.72

Progress 93/94 Projects

OPS 2 The extent to which functions can make an input into Progress 93/94 projects varies.

WR can only make an input if staff numbers are increased to meet continuing activities.

WQ cannot meet SM requirements but can meet project requirements using non-SM staff.

The following is considered to be a more realistic input of SM time. This would alter the Y/N column as shown:

	1993/94	1994/95	Y/N	
OPS 2	0.3	0.3	Y	(further SM input depends on meeting shortfalls on CAs)
OPS 7	0.3	0.3	Y	ditto
OPS 5	1	1	Y	

2.0 CORE FUNCTIONS

2.1 WATER RESOURCES

2.1.1 Introduction

Progress against 1992/93 Regional Plan is as planned with the exception of the following major items:

- 2.3 (from 1991/92 Plan) Resource demand forecast review - awaiting release of full census data (delayed by poll tax population "loss").
- 14.2 (from 1991/92 Plan) Alleviation of low flows in Wallop Brook - timescale dependent on water company; October 1994 forecast for completion of agreements.
- WR3 Licence determination - progress towards meeting statutory determination period delayed owing to shortage of experienced staff, high number of applications and recruitment difficulties for hydrologists and hydrogeologists.
- WR5 Licensing River Alre augmentation scheme (FIRAS) - not yet licensed owing to delay in obtaining HO and DoE approval for compensation payment.

Targets where progress is well advanced include the preparation of the licence database for new abstraction charges, Darent low flow alleviation negotiations, the development of the RECS telemetry system and the publication of the regional water resources strategy.

2.1.2 Developmental Initiatives

See table and comments.

The commitment to national development initiatives will have a significant impact on the functions' continuing activities (see table 2.1.3).

WATER RESOURCES

		63(a)				63(b)			
DEVELOPMENTAL INITIATIVES									
(PRIORITIES AND PROJECTS)		REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION
		83/84		84/86		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS
REF NO.		Y/N	NO	Y/N	NO	1993/94	1994/95	1993/94	1994/95
WR 1	WATER RESOURCES DEVELOPMENT STRATEGY	Y	0.16	Y	0.05	0.4	0.1	15	4
WR 3	RIVER MINIMUM FLOW OBJECTIVES	Y	0.02	-	-	0.07	-	3	-
WR 2	GROUND WATER PROTECTION POLICY	Y	0.12	Y	0.16	0.8	1	130	137
WR 6	LICENCE DETERMINATION TECHNICAL PROCEDURES	Y	0.07	Y	0.05	0.3	0.2	11	7
WR 8	WATER USE/DEMAND STUDIES	Y	0.03	Y	0.03	0.1	0.1	4	4
WR 9	WATER RESOURCES LICENSING POLICIES (ALQ)	Y	0.02	Y	0.02	0.05	0.05	2	2
WR 10	DEVELOP/IMPLEMENT INCENTIVE CHARGING SCHEME	Y	0.01	Y	0.11	0.04	0.5	2	18
WR 4	DEFINE STANDARDS OF SERVICE/OPM	Y	0.01	-	-	0.015	-	1	-
WR 13	LICENCE ENFORCEMENT AUDIT		DEFERRED	-	-	-	0.09	-	3
WR 7	GROUND/SURFACE WATER YIELD METHODOLOGY								
WR 11	STRATEGY REPORTS ON BUSINESS NEEDS								
WR 8	RATIONALISE HYDROMETRIC NETWORK								
WR 12	PLANNED MAINTENANCE CRITERIA FOR ASSETS								

Water Resources Comments

An estimate of WR input into other functions' Must Do projects is as follows:

	1993/94 Total FTE	1994/95	1993/94 Cost £k	1994/95	
Fin 4	0.03	0.02	1	1	
Per 8	0.3	0.3	15	15	(estimate dependent on outcome of Job Ev. exercise)
WQ 24	0.01	0.01	0.4	0.4	

WR commitment to national initiatives is subject to staff resources being secured to fulfil continuing activities as set out in 2.1.3.

An estimate of total WR input into other functions' Progress 93/94 projects is as follows:

	1993/94 Total FTE	1994/95	1993/94 Cost £k	1994/95
IS 14	0.25	0.2	9	7
Per 1	0.09	0.08	5	4
Per 7	0.02	0.02	1	1
IS 11	0.01	0.01	0.5	0.5
IS 4	0.4	2.7	15	100
IS 5	-	0.1	-	4

IS4 1 FTE is required in 1993/94 to implement WAMS and a further 2 FTEs are required in 1994/95.

2.1.3 Continuing Activities

Staff shortfalls are shown in the following areas:

Activity	Problem/Shortfall	Proposed solution/cost
Licensing (enforcement) Alleviation of Low Flows Res Planning Res Protection	Maintenance of levels of service, resulting from commitment to national 'Must Do' projects	Renewed recruitment effort for: 1 FTE 0.5 FTE (2-3 yr contract) 1 FTE (2-3 yr contract) 1 FTE
Operational Management	Completion of R Alre	Appoint 0.5 FTE (2-3 year contract)
Hydrometry (priority DI)	Development and implementation of WAMS	1 FTE (1993/94) 2 FTE (1994/95) 1-2 yr contract

2.1.4 Targets

See overleaf.

2.1.5 Planned Performance

Planned performance in OPM1 shows a steady level of licence application receipts with an improvement in the number determined within the statutory period. This is as a result of the increasing experience of new recruits and the clearance of a backlog of licences of entitlement.

2.1.4 Targets

Top 5 real world operational targets

FUNCTION: Water Resources					
Activity Area	Target (site specific where appropriate)	Outcome	Output (% or vol. etc)	Six Month Milestone	Completion Date
Licensing	1. Determine 70% of licence applications within statutory 3 month period	Increase standard of service. Currently 23%.	70%	Increase standard to 46%	Jun 1994
Resource Planning	2. Apply NRA policy to major reservoir proposals by Water Companies at Darwell and Broad Oak.	Realisation of NRA policies for demand management as first stage of resource development: 2 possible public inquiries	Improved WC leakage targets, commitment to trunk mains construction, installation of domestic meters	Agreed revised leakage targets in demand forecast	1994/95 dependent on Water Companies
Other: NRA Resource Scheme	3. Promote and licence R Alre groundwater augmentation scheme	Improved flow regime in R Itchen	n/a	DoE approval for compensation payments.	Mar 1994
Resource Planning	4. Publish final version of regional water resources strategy	Established basis for water resource development in region	Distribution of published document	n/a	Jun 1993
ALF	5. Implement any agreed solution to R Darent low flow problem	Restoration of flow in R Darent during times of drought	n/a	Technical solution agreed with TWUL	1993-1996

Full achievement of targets 1 and 5 are dependent upon funding/manpower availability.

2.1.6 Resources & Efficiency

Income & Expenditure Plans

Income and Expenditure plans are dependent on the income requirement from abstraction charges in the funding of low flow works. The FP tables indicate abstraction charges for 1993/94 and 1994/95 at the approved 1993/94 level. However these are currently being reviewed with decisions needed on the timing of significant compensation payments.

WR Capital Programme

The base line of capital used in this Plan is £1.0m. This is less than the CCD/ROR 'ceiling' of c£1.3m because of DoE limitation on the national capital spend. Bids for capital over the base line figure are to be considered in the national context and may be partly/wholly found by regional reallocation. These bids are tabulated below. Major sums are required in this region for the Darent Stage 2 (£5m) and Wallop Brook (£1.2m) and these cannot be accommodated within the base line figure.

Func tion	Site Name	Project Title	Prior Years £k	1993 /94 £k	1994 /95 £k	1995 /96 £k	1996 /97 £k
	ALF 18	Low Flow Works Wallop	-	500	690	-	-
	ALF 18	Low Flow Works Darent 2			500	2500	2000
8201	HYD 15	Pallingham gauge	10	245	-	-	-
8206	HYD 15	Sakeham gauge	4	13	-	-	-
	HYD	Minor Works	65	20	20	20	20
8105	WRPL 16	Test Groundwater Investigation	-	30	-	-	-
8413	HYD 11	Stonebridge	-	12	-	154	-
8305	HYD 17	Barcombe Mills gauge	10	-	223		
8704	HYD 15	River level recorders	86	50	50	50	50
8410	HYD 15	Allington gauge	1	-	74	-	-
8367	HYD 10	Whitchurch	-	12	-	150	-
8353	HYD 10	Dever Bransbury	-	12	-	-	115
+8705	HYD 15	Observation boreholes	-	30	-	-	-
+8702	HYD 15	Data loggers and instrumentation	-	50	-	-	-
		TOTAL	176	974	1558	2874	2185

Inter regional Co operation

Southern and Thames Regions are working closely together in tackling the problem of the Darent. This involves both design work for the river structures and achieving a satisfactory water supply operating regime by Thames Water Utilities.

Efficiency Savings

Regional target savings are shown in section 4.3.2.

2.2 WATER QUALITY

2.2.1 Introduction

Progress against 1992/93 Regional Plan is as planned with the exception of the following major items:

- 14 (from 1991/92 Plan) National Standards of Service for Labs - dependent on HO for final format of national standards.
- PC2 SWQOs - consultation on SWQO designations depends on agreement of SWQOs which are currently with Head Office.
- PC5 Review 100 consents in accordance with SWQOs - dependent on progress on PC2 above.

Targets where progress is well advanced include NAMAS accreditation for the Regional Laboratory and the on going monitoring of the WS plc capital programme on coastal discharges.

2.2.2 Developmental Initiatives

See table and comments.

The Region can deliver the majority of developmental initiatives but the work will be done by predominantly non-senior managers/staff.

2.2.3 Continuing Activities

Water Quality currently has the resources to carry out all continuing activities provided that the region's senior management time to help develop national projects are as set out in the comments that follow the DI list. With increasing workloads in some activity areas, the existing level of service may become progressively more at risk.

2.2.4 Targets

See page 21.

WATER QUALITY

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		83(a)				83(b)			
DEVELOPMENTAL INITIATIVES									
(PRIORITIES AND PROJECTS)		REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION
		83/84		84/86		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS
REF NO.		Y/N	NOs	Y/N	NOs	1983/84	1984/86	1983/84	1984/86
WQ 7	INTRODUCE IPC (INCLUDING HMIP MONITORING ARRANGEMENTS)	Y	0.07	N	0.54	1	1	39	39
WQ 12	DEVELOP NATIONAL PROGRAMME WATER QUALITY MONITORING	N	0.93	N	0.21	1	1	39	39
WQ 10	EC DIRECTIVES AND INTERNATIONAL COMMITMENTS	Y	0.01	Y	0.01	3	3	167	170
WQ 11	STATUTORY WATER QUALITY OBJECTIVES	N	2.2	N	2.2	3	3	127	129
WQ 24	GROUNDWATER PROTECTION POLICY IMPLEMENTATION	Y	0.06	Y	0.06	3	3	117	118
WQ 9	PUBLIC REGISTERS AND OTHER KINNERSLEY REPORT RECOMMENDATIONS	Y	0.01	Y	0.01	2	2	77	78
WQ 23	WATER PROTECTION ZONES/NSA	N	0.16	N	0.18	1.5	1.5	58	59
WQ 27	CONTAMINATED LAND/ABANDONED MINES/WASTE DISPOSAL	N	0.72	N	0.8	2.5	2.5	317	97
WQ 26	FARM WASTE/LAND USE POLICIES	N	1.3	N	2.2	1	1	39	40
WQ 29	PLANNING LIAISON/STRUCTURE PLANS POLICY	N		N					
WQ 28	POLLUTION PREVENTION (PUBLIC EDUCATION) CAMPAIGN	N		N					
WQ 28	URBAN-RUN OFF POLICY/REGULATIONS	N		N					
WQ 30	STANDARDS OF SERVICE/OPMA	N		N					
WQ 5	AUDIT CONSENTING PRACTICE	N		N					

PROGRESS 86/88

Water Quality Comments

The following is considered to be a more realistic input of SM time. This would alter the Y/N column as shown:

	1993/94 SM time	1994/95	Y/N
WQ 7		0.07	Y
WQ 13	0.1	0.1	Y
WQ 11	0.2	0.2	Y
WQ 25	0.3	0.5	

WQ estimate of total resource input into other functions' Must Do and Progress 93/94 projects is as follows:

	1993/94 Total FTE	1994/95	1993/94 Cost £k	1994/95
IS 6	0.03	0.03	1	1
IS 4	2	0.01	77	0.4

Progress on the following projects is dependent on meeting the shortfalls shown:

WQ23/WQ27	3 FTEs (2 year contracts, cost £117k in 1993/94 and £118k in 1994/95) to fully resource these projects covering policy implementation of EC Directives, NSA establishment and contaminated land and waste disposal issues. Redeployment from elsewhere is not considered possible owing to the specialist nature of the work.		
WQ 27	1993/94	£100k	For investigation of clean up requirements at contaminated land sites - ICI Yalding and Milton Creek, Kent
		£120k	For the actual clean up of Broomwood Lake, Kent.
IS 4	2 FTEs (1 year contracts, cost £77k in 1993/94) are required to carry out preparatory work on WAMS.		

2.2.4 Targets

Top 5 real world operational targets

FUNCTION: Water Quality					
Activity Area	Target (site specific where appropriate)	Outcome	Output (% or vol. etc)	Six Month Milestone	Completion Date
Consenting/ Comp. Monitoring	1. Apply SWQOs in two catchments	SWQOs introduced in R Test and R Medway catchments	n/a	SWQOs introduced in R Test	Mar 1994
Consenting/Comp. Monitoring	2. Determine 100 deemed or temporary consents	100 deemed or temporary consents determined	100	50	Mar 1994
Consenting/Comp. Monitoring	3. Review regional sampling programme in respect of EC Directives	Revised sampling programme that complies with EC Directives	n/a		Dec 1993
Consenting/Comp. Monitoring	4. Review 200 consents arising from Charges for Discharges rationalisation	Consents reviewed. CFD system updated	200	100	Mar 1994
Other	5. Achieve NAMAS accreditation at Waterlooville Laboratory	National recognition of quality	n/a		Dec 1993

2.2.5 Planned Performance

Planned performance as set out in OPM2 shows the following:

1. Number of Discharge Consents in Force

The number of consents in force will not increase by the amount determined since large numbers of revocations are now being addressed as a by-product of charging for discharges.

2. Number of consents determined or reviewed

Deemed and temporary consents are being reviewed and this, together with the consent alterations and revocations associated with the charges for discharges rationalisation, explains the anticipated increase under this heading.

3. Average cost of determining consents

More accurate records have enabled a slight downward revision of the costs of consenting since last years Plan. The main influence on the lowering of unit costs is the increase in consents determined or reviewed as described above.

4. Percentage of Effluent Monitoring programme achieved.

During 1992, the Regional Sampling specification has been altered in the light of national guidelines. This is reflected in the reduction in numbers of effluent samples planned and the expected optimum performance in achieving the planned number of samples.

5. Average cost of analyses per determination

Increase in laboratory efficiency during 1992 has led to lowering of unit cost for 1992/93 against 1991/92.

6. Percentage of incidents attended within target response time

The plan targets and incident types reported have been altered to comply with the OPM definitions issued in July 1992.

7. River and Canal Water Quality

The long term targets represent consistently achievable water quality. Occasional achievement of class higher than target class is incidental rather than planned. Representation in the form contained in OPM2 is simplistic.

There has, nevertheless, been a significant increase in the length of river and canal classed in 1A and 1B and a corresponding decrease in Classes 2, 3 and 4 since 90/91. Pro-active water quality improvement planning is beginning to manifest its effects.

2.2.6 Resources & Efficiency

Inter regional Co operation

Southern Region makes use of Wessex and Anglian boats for sampling coastal waters thereby avoiding the need for a boat for this purpose in the region.

Southern Region contracts out certain complex analyses (metals and virology) to other NRA laboratories.

Efficiency Savings

Regional target savings are shown in section 4.3.2.

2.3 FLOOD DEFENCE

2.3.1 Introduction

Progress against 1992/93 Regional Plan is as planned with the exception of:

- 6 (from 91/92) RECS phase 2 flood modelling and forecasting facilities in non-high risk catchments - progressing as a reduced priority owing to higher priority tasks.
- FD6 Implementation of a planned maintenance system for fixed plant - currently on going but may be affected by an increased workload associated with market testing.

2.3.2 Developmental Initiatives

See table and comments.

2.3.3 Continuing Activities

The ability of Flood Defence to meet its continuing activities to the Regional/PIGN standard of service is dependent on the approval of significant levy increases in some FD Districts. Increases are being kept down to 3% for Kent and Sussex to conform with Government restraints on local government expenditure. No increase is recommended for Hampshire but an increase of 7% is being recommended for Isle of Wight.

2.3.4 Targets

See overleaf.

2.3.5 Planned Performance

Planned performance as shown in OPM3 shows a continuation of present activity levels on the whole. No figures are provided in FD/I/1 and FD/M/1 because there is no data available on Housing Equivalents. Systems are being developed to remedy this but they will not be in place until 1993/94.

2.3.6 Resources & Efficiency

Income & Expenditure Plans

The capital spending plans are dominated by two large schemes. For Sussex the Eastbourne to Cooden Sea Defences and in Kent the Dymchurch Sea Defences are due to commence in 1994/95. Whilst these Committees are being asked to approve a levy increase of 3% for 1993/94, it is likely that levy increases of double this are going to be required in future years.

Inter regional Cooperation

Co-operation takes place with Thames and Anglian Regions in flood warning and operations covering the Thames Estuary downstream of the Thames Barrier.

Efficiency Savings

Regional target savings are shown in section 4.3.2.

FLOOD DEFENCE

25

		63(a)				63(b)			
DEVELOPMENTAL INITIATIVES (PRIORITIES AND PROJECTS)		REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION
		93/94		94/95		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS
REF NO.		Y/N	Noe	Y/N	Noe	1993/94	1994/95	1993/94	1994/95
FD 8	EMERGENCY RESPONSE POLICY AND STANDARDS	Y		Y		1.1	1.1	36	36
FD 10	FLOOD DEFENCE MANAGEMENT	Y		Y		1.1	1.1	36	36
FD 2	NEEDS IDENTIFICATION	Y	0.5	Y	0.5	1.1	1.1	36	36
FD 3	MAINTENANCE MANUAL	Y		Y		0.6	0.6	21	21
FD 4	APPRAISAL MANUAL	Y		Y		0.2	0.2	9	9
FD 7	BUSINESS PLANNING								
FD 5	DESIGN MANUAL								
FD 9	DEVELOPMENT/PLANNING LIAISON MANUAL								
FD 6	PROJECT MANAGEMENT MANUAL								

Flood Defence Comments

FD estimate of input required into other functions' projects include;

1993/94

1994/95

Fin 3 SM 0.16 SM 0.16 (resource input included in Finance table)
Per 8 Dependent on outcome of exercise

2.3.4 Targets

Top 5 real world operational targets

FUNCTION: Flood Defence (specify if multi-functional)					
Activity Area	Target (site specific where appropriate)	Outcome	Output (% or vol. etc)	Six Month Milestone	Completion Date
Improvement/development of defences	1. Complete improvement work on 16km of sea and tidal defences	Improved standard of service. Improved flood defence security.		Proportionate progress on schemes	Mar 1994
Improvement/development of defences	2. Complete Brockenhurst Flood Relief scheme, Hampshire	Improved level of service to public	Property to value of £5m protected	Tender let	Mar 1994
Maintenance of existing defences	3. Complete maintenance operations on 1200km of main river	Maintain standard of service and NRA assets		600 km complete	Mar 1994
Maintenance of existing defences	4. Restore crest levels on 1.5km of earth flood defence walls	Maintain standard of service			Mar 1994
Maintenance of existing defences	5. Extend standards of service exercise to flood risk assessment in 5 km of river valley	More precise application of standards of service. Better information for maintenance and investment planning. More reliable information	Flood risk maps	Contract let	Mar 1994

FD also plans to contribute in 1993/94 to the joint FD/Navigation River Medway regime study (see 2.4.4 Nav)

2.4 FISHERIES, RECREATION, CONSERVATION & NAVIGATION

2.4.1 Introduction

Progress against 1992/93 Regional Plan is as planned with the exception of the following major items:

- F4 Feasibility of salmon hatchery - Business plan submitted; further progress dependent on national fish culture review group findings forecast for 1994/95.
- C2 Management Plans - fewer completed in 1991/92 and 1992/93 than planned owing to other high priority work and greater basic survey work required than anticipated.
- C6 Data input into Recreation and Conservation database delayed by work on other high priority tasks eg S142.
- N2 Medway navigation - review postponed due to inadequate budget provision.

Good progress is being made on the collaborative recreation scheme on the River Stour and on collaborative conservation projects. Data collection for S142 has been facilitated by a reduction in service to angling clubs and riparian owners and by utilising vacancy savings.

2.4.2 Developmental Initiatives

See table and comments.

FRCN Comments

Southern Region has only 1 SM and 1 Grade 10 to cover FRCN and multi-functional DIs. Some SM input may therefore be carried out by staff below Grade 10.

- FRCN 7 Consider that regional allocation is over estimate of resource need as project has been condensed. SM input = Y if resource requirement = 0.025 in 1993/94.
- FRCN 11 Consider that regional allocation is over estimate. No BWB navigations and only 1 inland navigation not contiguous with others.
- FRCN 3 Not possible without successful Regional Plan bid for manpower or further reduction in continuing activities.
- FRCN 6 Consider that this should be higher priority as it has income generation potential.

2.4.3 Continuing Activities

2.4.3.1 Fisheries

The Hampshire chalk streams and the recent dramatic decline in the salmon runs are of paramount importance in the Region and are the focus of much public attention. Southern Region NRA inherited an under resourced Fisheries Function from the Southern Water Authority. This has left the Region unable to meet PIGN requirements, particularly in relation to fish health checks. No manpower or financial resources have been secured for the Section 142 data collection exercise and commitments have been met from reductions in service levels in other areas of fisheries activity. Despite the pressing commitments to salmon enforcement and re-habilitation, Southern Region is the least financially resourced NRA Region. The priority adjustments compound the difficulties in providing a skeletal service. £40K is required to meet current service requirements.

Priority adjustments for 1993/94 will require a cessation of most capital works including spawning gravel rehabilitation and reductions in fisheries stock surveys. In 1994/95 they will require termination of employment for one FTE reducing the capacity for salmon rehabilitation, mothballing of the patrol boat, cessation of juvenile salmon restocking and further reductions in fish stock surveys.

Activity	Shortfall/Problem	Proposed solution and cost
Regulation	Fail to meet fish health PIGN in 1993/94 owing to existing staff shortfall	Employ fish pathologist (1 FTE at £25k) through liaison with WQ
Enforcement	1994/95 £15k shortfall in GIA 1994/95 £12k GIA shortfall	Mothball Fisheries patrol boat Reduction in staff
Monitoring	1993/94 £10k to finance S142 data collection 1994/95 £20k shortfall in GIA 1994/95 £15k shortfall in GIA	Discontinue contract surveys at 10 sites. Fail PIGN. Discontinue contract surveys at further 20 sites. Fail PIGN. Terminate employment of 1 FTE, reducing capacity for salmon rehabilitation.

Physico-chemical improvement	1993/94 £90k shortfall in GIA	Defer Fish Pass Programme and gravel rehabilitation. Construct 1 Fish Pass, R. Ouse
	1994/5 £26k shortfall in GIA	Cancel remaining Capital Programme in absence of additional GIA
	1993/4 S142 data collection existing shortfall of 2FTE at £70k	Reduce standards of service on other activities to divert staff resources, or second manpower from other regions
Rearing and restocking	1994/5 £20k shortfall in GIA	Cease juvenile salmon restocking, Test & Itchen (supplied by Northumbria NRA)

The above table demonstrates proposals that would merely maintain a skeletal fisheries service, with Southern Region being the least resourced on fisheries of all 10 regions. However, in view of the national significance of the salmon fisheries and the high population driving demand for coarse fisheries, the Region considers that fisheries needs should be ranked more highly on the 'Resource Needs Matrix'.

The different resourcing levels of neighbouring regions is apparent in the levels of service provided. This leads to tensions between the Fisheries function and their customers.

Should additional funding be made available, then the Region would:

1. Improve standards to meet current requirements in salmonid enforcement, fish mortality response, physico-chemical improvement, regulation, planning and development control by recruiting 3 additional bailiffs, cost £80k.
2. Strengthen the preparation and subsequent management of S142 related activity by recruiting 2 additional staff, cost £70k.
3. Meet fish health PIGN.

2.4.3.2 Conservation

Southern Region's Conservation function has the lowest GIA allocation of all NRA regions and, although it can fulfil continuing activity requirements in Appraisal/Surveys and Management plans/Improvements, shortfalls exist in activities covering External Liaison/Promotion and Planning/Consent Applications. These are represented in the table overleaf.

Activity	Problem/Shortfall	Proposed solution/cost
External Liaison/ Promotion	1994/95 as Flood Defence maintenance work is contracted out, then greater requirement for on site training/liaison	Recruit 0.5 FTE (1 year contract) to meet additional workload
Other	Increased input into Planning Apps and Consent Apps expected - Kent Area Cons Officer covering two very active Area Offices requires additional support to meet response standard Rec and Con database administration backlog owing to S142 workload	Take on Employment Action person for 6 months (no salary cost) in 1993/94. In 1994/95 cover increased workload through time saved on liaison meetings/advice Employ summer student to maintain database

2.4.3.3 Recreation

Recreation's continuing activities of NRA Facility Management, Liaison/Promotion and Planning Applications will be maintained at existing levels. A shortfall in the following activity is shown below:

Activity	Shortfall/Problem	Proposed Solution/cost
Other	Inadequate recreational input into CMPs and database maintenance	Collaborative project with Sports Council for a 3 year Sports Development Officer for Inland & Coastal Waters - 0.5 staff from NRA on 3 yr contract

2.4.3.4 Navigation

The problem of the poor condition of Eldridges Sluice on the Medway Navigation was acknowledged three years ago. A reconstruction scheme was prepared and tenders invited, with provision made in successive GIA allocations, including 1992/93. Progress is however totally frustrated by the landowner's reluctance to sell the necessary land, over which the Navigation statutes give the NRA no power. Options for resolution are:

1. Seek compulsory purchase powers - likely to take 12 months or more.

2. Seek the agreement of the Kent Local Flood Defence Committee to having the structure redesignated as for Flood Defence purposes and to take advantage of the NRA's Flood Defence powers. This would fit in with practice in other Regions responsible for river navigations, and proposals along these lines for the Medway are being contemplated. However, in its present situation of tightly restricted finance and heavy coastal and other responsibilities, it is unlikely that the Committee would view the proposal with Eldridges in the immediate prospect.
3. Wait until the landowner chooses to sell.

Whichever is chosen, the eventual decision to proceed will face the Region with a short-term requirement of £532k which considerably exceeds the projected GIA allocation for 1993/94 and 1994/95. The nature of the River Medway means that construction work must be programmed between late spring and late summer. The scope for spreading expenditure over two years is very limited. However the option of abandoning the project is ultimately unavailable on safety grounds.

In summary, capital shortfalls in Navigation are as follows:

Activity	Problem/shortfall	Proposed solution/cost
Operation and Maintenance	GIA shortfall for the reconstruction of Eldridges Sluice	1993/94 GIA requirement of £257k
Operation and Maintenance	GIA shortfall for the restoration of the Medway lock keeper's cottage	1993/94 GIA requirement of £11k
Improvements and New Works	GIA shortfall of Navigation's 20% contribution to joint FD/Nav River Medway Regime Study	1993/94 GIA requirement of £20k

2.4.4 Targets

Top 5 real world operational targets

FUNCTION: Fisheries					
Activity Area	Target (site specific where appropriate)	Outcome	Output (% or vol. etc)	Six Month Milestone	Completion Date
Regulation	1. Prepare fishery assessments under S142 to ready for billing stage	Secure adequate funding for fisheries projects		Validation of 60% of data	Mar 1994
Rearing & restocking	2. Stock 600,000 (R. Test origin) salmon parr	Address catastrophic salmon decline		100%	Aug 1993
Other - rehabilitation/monitoring	3. Hampshire Salmon Investigation - monitor 1993 grilse run	Assess effectiveness of salmon restoration programme		50% of raw counter counts 80% of rod catches	Mar 1994
Physico-Chemical Improvements	4. Construct Pool's Bay Fish Pass on R. Ouse	Remove major obstruction on principal Sussex sea trout river		80%	Nov 1993
Other - Fish mortalities	5. Meet response to fish kills PIGN - 90% assessment and 90% attendance w/in 2hrs daytime and 4hrs night	Full compliance		90%	Mar 1994

Target 5 - dependent upon securing additional resources.

2.4.4 Targets

FUNCTION: Recreation and Conservation					
Activity Area	Target (site specific where appropriate)	Outcome	Output	Six Month Milestone	Completion Date
Recreation	1. Produce a directory of recreation sites with water-related activities in the region	Improve consultation. Valuable data for preparation & updating of CMPs and database. Basis for developing water recreation strategy			Mar 1994
Recreation	2. Collaborate with others to optimise the recreation potential of the Royal Military Canal (whilst recognising designation as an SSSI & ancient monument)	Sustainable level of recreational use of RMC through agreement on recreational and access levels			Mar 1994
Conservation	1. Continue programme of strategic river corridor surveys aiming to achieve 125kms in both R Arun & E Rother catchments.	Improved level of response to riverine activities. Meaningful input to CMP for Arun	250 kms surveyed	90% of field work complete	Mar 1994
Conservation	2. Complete a management plan for Park Wood (53ha) which recognises the conservation, recreation and forestry potential	Management plan to provide a sustainable level of recreation and forestry activities to protect the conservation value		Season dependent survey work complete	Mar 1994
Conservation	3. Plant 500 native trees/shrubs in collaboration with Kentish Stour, Medway and Otter Projects	Improve the riverine environment and promote the NRA	At least 500 trees planted	n/a Planting in Autumn	Mar 1994

2.4.4 Targets

FUNCTION: Navigation					
Activity Area	Target (site specific where appropriate)	Outcome	Output (% or vol. etc)	Six Month Milestone	Completion Date
Harbour of Rye maintenance	1. Dredging of Strand Quay visitors/berthholders moorings, Rye	Improved accessibility, premium charges	2000-5000 m ³ dry volume	n/a	June 1993
Harbour of Rye maintenance	2. Prepare Harbour Management Plan and secure user support	5 year strategy	Management Plan	Text completed for consultation	Mar 1994 for implementation
Harbour of Rye development	3. Establish reciprocal liaison with new Eastbourne Marina	Enhance number of visiting yachts to Rye	Increased visitor income	Preliminary links established. Marketing material disseminated	Mar 1994
Multi-function	4. Contribute 20% to River Medway regime study (remaining 80% from FD) * subject to £20k provision in Capital Programme.	Establish accretion/erosion profile and determine balance of flood defence/navigation components	Review future management strategy and funding	40%	Mar 1994

2.4.5 Planned Performance

Planned performance in Fisheries as set out in OPM4 shows the following trends:

1. Number of licences sold

Decrease in rod licence sales owing to the decline in the number of agencies resulting from the fall in commission between 1991/92 and 1992/93. A further loss of agencies is anticipated over the plan period.

2. F/M/2 River length surveyed

Progressive decrease in length of surveyed over 1993/94 and 1994/95 owing to GIA shortfall.

3. Number of fish surveys

Reduced expenditure on surveys in 1993/94 and 1994/95 owing to GIA shortfall.

4. Fish stocking

Cease salmonid stocking in 1994/95 owing to GIA shortfall.

2.4.6 Resources & Efficiency

Inter regional Co operation

- Hampshire Salmon Investigation Officer will advise Wessex with Hampshire salmon investigation work.
- Salmon rearing will continue in co-operation with Northumbria.
- Advisers from Thames will be used on river rehabilitation work.

Efficiency Savings

Regional target savings are shown in section 4.3.2.

3.0 SUPPORT SERVICES

3.1 ADMINISTRATION

3.1.1 Major accommodation issues

For Logical Process the intention would be to provide area accommodation on a county basis over four years commencing in 1994/95. The need for accommodation will be reviewed in the light of market testing and Envage decisions. Provisional estimates in respect of the above indicate a net cost of £2.3m over the four years for which additional funding will be sought.

3.1.2 Priorities

- To implement and review the Region's Code of Administrative Procedures - by March 1994
- To embark on implementing the Environmental Business Policy and make savings in accordance with nationally set targets - by March 1994
- To review current office work-stations in order to comply with EC Regulations (deadline Jan 1997) - by March 1994

3.1.3 Largest investment items

With the exception of staff salaries, the function's three biggest individual spend items are:

- | | | |
|----|------------------------------|-------|
| 1. | Rents for Regional HQ | £377k |
| 2. | Printing & stationery | £75k |
| 3. | General rates at Regional HQ | £74k |

3.2 LEGAL SERVICES

The two major items of significance within Legal are Envage and market testing (both of Legal and of other functions). Resource input into these national initiatives is included in the multi-function DIs shown in section 1.5.

3.3 ESTATES

3.3.1 Property Disposals/Acquisitions

SITE DISPOSALS				
Site	Acreage	Anticipated Sale Value	Year	Remarks
Woodleas Farm, Aldington	Bungalow & approx 4 ac	£90k	1992/93	Sale agreed Nov 92 MAFF grant-aided.
Sarre Ferry Cottage, near Canterbury	Former staff house	£75k	1992/93	Sale agreed Nov 92

SITE DISPOSALS				
Site	Acreage	Anticipated Sale Value Year		Remarks
Paddocks Farm, Hothfield	Approx 80 ac	£80k	1993/94	MAFF grant-aided
Former Dymchurch Depot	0.58 ac	£100k	1993/94	Planning consent being sought for residential dev.
Rippers Cross Farmhouse	Possibly include adjacent property	£160k	1994/95	Purchase connected with Ashford Flood Alleviation scheme. MAFF grant-aided
Town Lock, Tonbridge	0.83 ac	£350k	1994/95	Site landlocked. Part of site only, balance for new road
College Avenue, Maidstone	Approx 0.8 ac	£130k	1995/96	
Canal Walk, Romsey Depot	-	-	1995/96	Possible sale if new Hants Office/Depot approved
Sarum Court, Winchester	-	-	1995/96	As above

SITE ACQUISITIONS				
Site	Acreage	Estimated Purchase £k Year		Remarks
County Offices	Depot/Offices	£800k	1994/95	Subject to necessary approvals

3.4 PUBLIC RELATIONS

3.4.1 Expenditure plans

Total PR planned expenditure for 1993/94 is £233k.

The five single largest items of expenditure in 1993/94 (excluding salary costs) are:

- | | |
|--|------|
| 1. Video production (general NRA activities) | £28k |
| 2. Marquee hire for exhibitions | £11k |

- | | |
|--|------|
| 3. Rivers leaflets | £10k |
| 4. Produce Chalk Stream handbook | £5k |
| 5. 'Guide to Southern Region' brochure reprint | £3k |

3.4.2 Regional Citizen's Charter targets

- To establish with County Councils if they publish any material for minority groups in order to assess regional requirements.
- Report writing training - professionals used for producing publications.

If a significantly greater input into projects related to the Citizen's Charter is required in addition to the above, PR continuing activities will be affected.

3.5 R&D AND OPERATIONAL INVESTIGATIONS

3.5.1 R&D

As set out in the Planning Brief, Southern Region plans to provide the following management resources ie Project leaders, Topic leaders and Commissioners for R&D:

	WR	WQ	FD	FRCN	TOTAL
FTE	0.18	0.54	0.27	0.27	1.25

3.5.2 Operational Investigations

Func-tion	Operational Investigation	Year	Cost £k	Justification
WQ	Risk Analysis	1993/94	20	Assess risk associated with storage of large quantities of oil in various locations across region.
WQ	Portals on R Test	1993/94	10	Investigation of significant long term pollution source in upper River Test.
FRCN	Fish Parasitology	1993/94	3	Free fish of specific parasites to permit their transfer to other waters, thereby supplying large quantities of quality coarse fish to meet NRA needs.

3.6 INFORMATION SYSTEMS

3.6.1 Stage 1 Gantt Chart - see overleaf

3.6.2 RMT approved FMR 9 IS proforma showing planned expenditure 1993/94 and 1994/95 - see overleaf

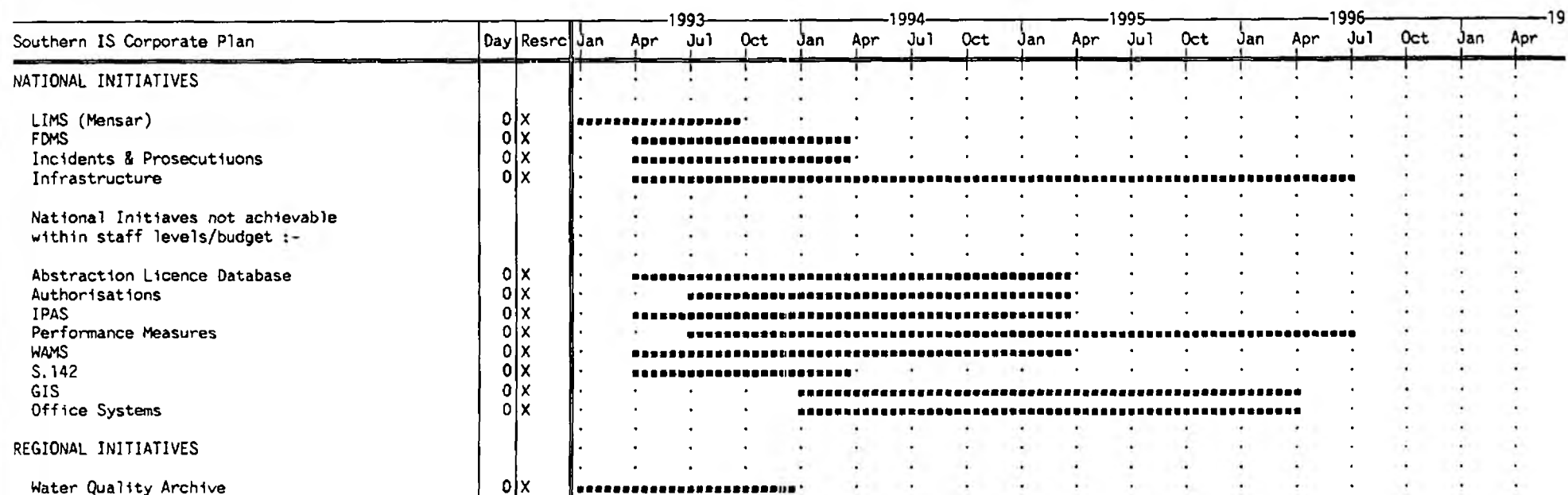
3.6.3 Continuing Activities

Activity	Shortfall/Problem	Proposed solution and cost
User Support	Lack of support for Ops, national systems, RECS	1 FTE as Support programmer 1 FTE as Comms technician 1 FTE as User support admin.
Water Quality Archive (Priority DI)	Lack of staff to develop nationally approved Water Quality Archive.	2 FTE (contract) cost £64k in 1993/94 The above posts can be resourced through future efficiency savings.
User support	Contingency planning (£50k); RECS; maintenance (£78k); high specification PCs (£63k); workstation environment	Additional finance of £261k required to cover high priority shortfalls

03 DEC 92

GANTT CHART

Southern IS Corporate Plan



IS Corporate Plan 1993/94 - Southern Region											
	Hardware	Software	Plc Costs	Other FM	Consultants/ Contractors	IS Staff (£)	IS Staff Days 93/94	Non IS Staff (£)	Other	Total	Sub Total
£000s											
ONGOING S & M ACTIVITIES											
Operations / User Support	291	78	1100		371	173		20	66	2099	
Weather Radar / Flood Forecast										0	
Data Communications	88		71		32	49				240	
Voice Communications	65	10			39	30		20	27	191	
Telemetry	47				42					89	2619
NATIONAL INITIATIVES											
Infrastructure	70	50			10	10	85			140	
LIMS (Mensar)	13	3		20	5	10	80			51	
FDMS	10	5				12	100			27	
Incidents & Prosecutions	10	5				8	65			23	
National Systems Development						30	220			30	271
<i>(Not achievable with current staff/budget)</i>											
Abstraction Licence Database	5	5				5	40			15	
Authorisations						5	45			5	
IPAS					10	12	100			22	
Performance Measures						4	30			4	
WAMS	10	15				27	220			52	
S.142	5					4	30			9	
GIS										0	
Office Systems										0	107
REGIONAL INITIATIVES											
Water Quality Archive					7	8	40	0	1	16	16
TOTAL	594	151	1171	20	506	330	590	40	94	2906	
<i>(Totals exclude not achievable projects)</i>											

	IS Corporate Plan 1994/95 - Southern Region											
	Hardware	Software	Plc Costs	Other FM	Consultants/ Contractors	IS Staff (£)	IS Staff Days 94/95	Non IS Staff (£)	Other	Total	Sub Total	
£000s												
ONGOING S & M ACTIVITIES												
Operations / User Support	299	80	900		382	177		20	68	1926		
Weather Radar / Flood Forecast										0		
Data Communications	91		65		33	52				241		
Voice Communications	67	11			40	31		20	28	197		
Telemetry	48				43					91	2455	
NATIONAL INITIATIVES												
Infrastructure	50	30			28	6	50			114		
National Systems Development						24	185			24		
Abstraction Licence Database	5	3			4	2	20			14		
Authorisations	10	6			5	4	30			25		
IPAS	10	5	10		15	5	40			45		
Performance Measures	10	5			4	2	20			21		
WAMS	60	30	20		36	22	180			168		
GIS					18	9	75			27		
Office Systems					12	6	50			18	456	
TOTAL	650	170	995	0	620	340	650	40	96	2911		
<i>National developments without carrying over project costs & work scheduled for the regions in 93/94 but not achievable within 93/94 staff/budget levels.</i>												
<i>£205k saving in plc charges based on implementation in 93/94 of Wessex Water Quality Archive.</i>												
<i>This system cannot be supported without additional staff.</i>												

			63(a)				63(b)				
DEVELOPMENTAL INITIATIVES (PRIORITIES AND PROJECTS)											
			REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION	PROGRESS
			93/94		94/95		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS	STATUS
REF NO.			Y/N	NO.	Y/N	NO.	1993/94	1994/95	1993/94	1994/95	
IS 6	UMS (LABORATORY INFORMATION MANAGEMENT SYSTEM)		Y	)	Y	)	0.36	-	51	-	MUST DO
IS 8	INCIDENTS AND PROSECUTIONS SYSTEM		Y	) 0.2	Y	) 0.2	0.3	-	23	-	MUST DO
IS 14	ABSTRACTION LICENCE DATA BASE		N	)	N	)	0.18	.09	15	14	PROGRESS 93/94
IS 7	AUTHORISATIONS SYSTEM		N	)	N	)	0.2	0.14	5	25	PROGRESS 93/94
IS 11	PERFORMANCE MEASURES		N	)	N	)	0.14	0.09	4	21	PROGRESS 93/94
IS 4	WAMS		N	)	N	)	1.0	0.8	52	168	PROGRESS 93/94
IS 13	S142						0.14	-	9	-	PROGRESS 93/94
IS 5	GIS							0.34		27	PROGRESS 94/95
IS 10	OFFICE SYSTEMS							0.23		18	PROGRESS 94/95

Information Systems Comments

IS6/IS8 Assumed total SM input of 0.2 for both projects.

IS all Total resource figures show IS costs. Other functions' input shown as footnotes on appropriate pages.

Fin/IS1 IS input included in Finance table.

All Progress 93/94

If these projects (and IPAS) are resourced from existing IS staff, then the resource for support and maintenance of Oracle/UNIX/VAX VMS falls to zero. If Contractors are used, costs rise by £49k. 2.5 FTE to progress these projects would subsequently be available for their support.

In view of the large number of systems to be implemented in the Regions, we should consider inter regional support, in particular application support by the Region(s) which develop the new systems.

3.7 PERSONNEL

3.7.1 Development Initiatives

See table and comments.

3.7.2 Continuing Activities

Personnel will meet its continuing activities by maintaining flexibility in its deployment of staff. Peak workloads will continue to be supplemented by uncomplemented staff whilst ongoing internal reorganisation necessitates the secondment of the Personnel Manager to other duties. Furthermore, with only one senior manager currently available to the Personnel function, the department is unable to fully service its obligations to national projects without greater involvement of more junior staff. This will place the continuing activities at risk.

3.7.3 Training

Approximately 95.5% of regional training is funded directly by Personnel. Of the remainder, 4% is met from Head Office and approximately 0.5% is met from function budgets where functions exceed their training allowance.

Training Category	1993/94			1994/95		
	Delegate Days		Cost £000	Delegate Days		Cost £000
	Per deleg. (1)	Total programme		Per deleg.	Total programme	
Health & Safety	n/a	1008	45.7	n/a	1079	48.9
Manual/Craft	"	670	53.8	"	716	57.6
Clerical/Admin	"	188	21.5	"	201	23.0
Technical	"	663	104.2	"	710	111.5
Professional	"	32	4.6	"	35	5.0
Supervisory/Managerial	"	535	39.4	"	572	42.1
TOTAL	"	3096	269.2	"	3313	288.1

(1) Average number of days per delegate.

3.8 FINANCE

3.8.1 Development Initiatives

See table and comments.

PERSONNEL

		63(a)				63(b)			
DEVELOPMENTAL INITIATIVES (PRIORITIES AND PROJECTS)		REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION
		93/94		94/95		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS
REF NO.		Y/N	Not	Y/N	Not	1993/94	1994/95	1993/94	1994/95
PER 8	JOB EVALUATION	Y	0.08	N	0.3	0.33	0.55	12.8	24.7
PER 11	PERSONNEL POLICIES AND PROCEDURES (STAFF HANDBOOK)	Y	0.09	Y	0.01	0.09	0.01	4.9	0.5
PER 1	MANAGEMENT DEVELOPMENT	Y	0.48	Y	0.45	0.0	0.0		PROGRESS 93/94
PER 7	SAFETY REPRESENTATIVES TRAINING	Y	0.004	Y	0.004	0.09	0.09	4	4
PER 10	EQUAL OPPORTUNITIES POLICY	Y	0.02	Y	0.02	0.12	0.12	7.7	7.7
PER 5	EC DIRECTIVES POLICIES AND TRAINING	Y	0.01	Y	0.01	0.24	0.24	9	9
PER 9	NATIONAL PAY STRUCTURE/T&S REVIEW POLICY NJICC	Y	-	Y	0.01	-	0.03	-	1.5
PER 4	GRADUATE RECRUITMENT								PROGRESS 95/96
PER 2	TECHNICAL/PROFESSIONAL DEVELOPMENT SPONSORSHIP								PROGRESS 95/96

Personnel Comments

- Per 8 1994/95 - subject to involvement of all managers, not just personnel. Functional input through regional panel dependent on outcome of exercise.
- Per 1 Subject to involvement of all managers, not just personnel. Other functions will contribute approximately SM 0.07 FTE to the project through course attendance.
- Per all Total resource costs only show Personnel costs.

FINANCE

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		63(a)				63(b)			
DEVELOPMENTAL INITIATIVES									
(PRIORITIES AND PROJECTS)		REGIONAL S/M FTE		REGION S/M FTE		REGION	REGION	REGION	REGION
		93/94		94/95		ALL FTE	ALL FTE	ALL COSTS	ALL COSTS
REF NO.		Y/N	No.	Y/N	No.	1993/94	1994/95	1993/94	1994/95
FIN 4	NEW CHARGING SCHEMES (RECOVERY/INCENTIVE)	N	0.63	N	0.46	0.23	0.2	10	10
FIN 2	FINANCIAL POLICY AND PROCEDURES (FM/SoD/APPRaisal)	Y	0.44	Y	0.33	0.5	1	20	40
FIN 3	VALUE FOR MONEY INITIATIVES (BUDGETING/PROCUREMENT)	Y	0.32	Y	0.33	0.5	0.5	25	25
FIN/AS 1	IPAS INFRASTRUCTURE	Y	0.6	Y	0.83	1.5	1.18	107	90

PROGRESS 93/94

Finance Comments

Fin 4 Cannot meet SM 0.63 FTE requirement. Regional finance capability is as follows:

	SM FTEs	Total FTEs	Total Cost
1993/94	0.1	0.23	£11k
1994/95	0.1	0.22	£11k

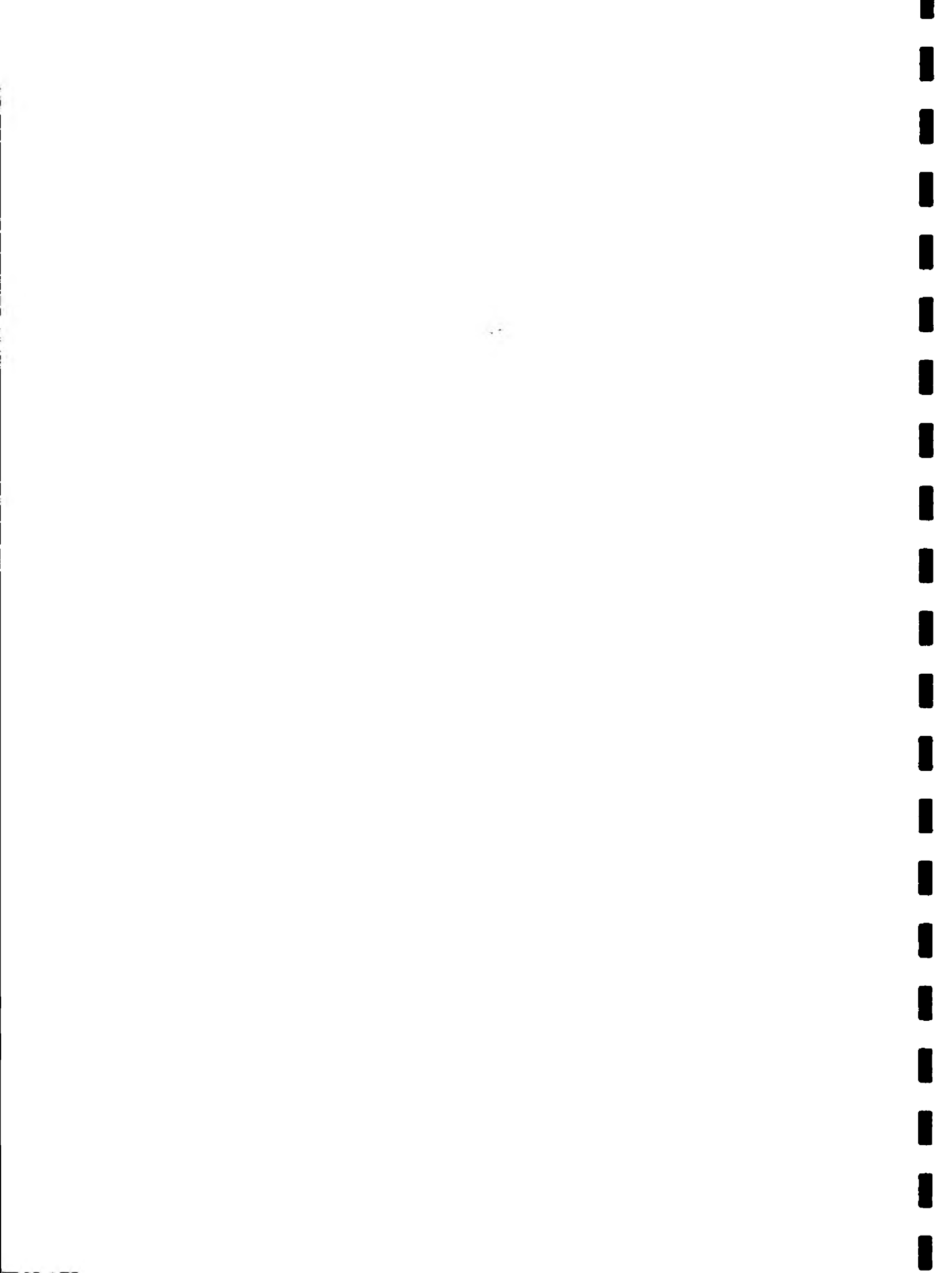
Fin 3 SM FTE input made up of Fin 0.16 FTE and Flood Defence 0.16 FTE. Total costs shown include FD input.

Fin/IS 1 Total resource input made up as follows:
Fin = 1 FTE and costs of £40k for 1993/94 and 1994/95
IS = makes up the remainder.

IS 13 The estimate of Finance input into S142 is as follows:

	SM FTEs	Total FTEs	Total Cost
1993/94	0.05	0.3	£25k
1994/95	0.05	1	£30k

In 1994/95 no resources are currently available (other than SM time) for S142 finance work. If fishing licence agency work is transferred to the Post Office then 1 FTE required could be found internally.



4. RESOURCES

4.1 Staffing Changes

The Region plans to make no significant changes to the allocation of staff until:

- a) The finalisation of the GIA allocation, upon which a number of staff bids depend.
- b) The outcome of organisational changes resulting from the Region's Logical Process proposal.

4.2 Income & Expenditure

There are no substantial opportunities to raise income from regional charging schemes such as navigation in the current economic climate.

Major changes in expenditure are most marked in Flood Defence where the capital programme increases from £14m in 1992/93 to £22m in 1996/97. Implementation of these programmes will be dependent upon substantial increases in Local Authority levies. Current pressures on Local Authority Standard Spending Assessments will result in levy approvals significantly below the current level of inflation for 1993/94 and, if the present pressures continue, obtaining the necessary levy increases is going to be particularly difficult and may jeopardise the implementation of the capital programme.

4.3 Efficiency Targets

4.3.1 Existing 1992/93 Targets

The following table outlines planned and forecast savings against the 1992/93 efficiency programme.

1992/93 EFFICIENCY AND PRODUCTIVITY INITIATIVES

Efficiency Initiative £'000s	Cost without initiative (est)	Cost with initiative (est)	Planned savings	Forecast savings
=====				
WATER RESOURCES				
Termination of IoW hydrometric contract with SW plc	87.0	58.0	29.0	15.0
Sub total	87.0	58.0	29.0	15.0
FLOOD DEFENCE				
Withdrawal from SWS Ltd IoW operations contract	100.0	60.0	40.0	28.0
Review replacement lives and numbers of vehicle and mobile plant fleet	1,200.0	1,140.0	60.0	.0
Use of in-house design capacity	1,500.0	1,425.0	75.0	.0
Sub total	2,800.0	2,625.0	175.0	28.0
FRCN				
Salmon rearing with Northumbria and Welsh NRA	150.0	24.0	126.0	126.0
Sub total	150.0	24.0	126.0	126.0
FINANCE/IS				
Phasing out cash payment to Green Book	2.4	.8	1.6	1.6
Sale of fishing licences direct from NRA offices	2.0	.0	2.0	2.0
IS Bureau charge renegotiated			.0	47.0
Sub total	4.4	.8	3.6	50.6

Efficiency Initiative £'000s	Cost without initiative (est)	Cost with initiative (est)	Planned savings	Forecast savings
ADMINISTRATION				
National contract for phone book advertising	20.0	18.0	2.0	2.0
Admin. savings by courier service amalgamation	25.0	7.0	18.0	17.0
Renegotiation of national photocopying contract	30.0	28.0	2.0	2.0
Telephone use	50.0	48.0	2.0	.0
Use of consumables eg re- charge ink cartridges	52.0	50.0	2.0	1.0
Library use of subscription service	n/a	n/a	2.0	2.0
ESTATES				
Improved use of computer	No Property enquiry service provided	Property enquiry service provided	2.0	2.0
Use of better maps to identify property holding			2.0	2.0
CORPORATE PLANNING				
In house, non-glossy Regional Plan Summary	1.8	.3	1.5	1.5
PERSONNEL				
Revised recruitment procedures	2.2	.0	2.2	2.2
Sub total	181.0	151.3	35.7	31.7
OTHER				
Delayed staff recruitment			.0	225.0
Travel & subsistence costs for all functions	715.0	669.0	46.0	10.0
Sub total	715.0	669.0	46.0	235.0
TOTAL	3,937.4	3,528.1	415.3	486.3

n/a = not available

4.3.2 1993/94 and 1994/95 Efficiency Targets

The Region is required to identify and make savings of 2.5% of operating costs in 1993/94 and subsequent Plan years in the areas suggested below:

Staff Costs - 2%
Travel & Subsistence - 10%
Consultants - 10%
Hired and Contracted services - 5%
Information Systems - 5%
Transport & Plant - 10%
Equipment, Tools and Materials - 5%
Energy and Utilities - 5%

Key areas where Southern Region will be targeting savings for 1993/94 and 1994/95 are outlined below. These will be shown in more detail in FP9 (due 15th January 1993).

All functions:

- Reduction in IS Bureau charge following renegotiation of terms with plc. (1993/94 £33k)
- Reduction in relocation costs - Personnel (1994/95 £100k) and Finance (1994/95 £100k)
- Savings in manpower costs due to delays in recruitment (1993/94 £120k)
- Reduction in recruitment costs - Personnel (1994/95 £30k)
- More efficient use of consultants for Catchment Management Planning (1993/94 £40k)
- Streamlined production costs for CMP (1993/94 £10k)
- 20% saving on van purchase through national incentive (1993/94 £40k)
- 5% saving on materials & equipment (1993/94 £120k)

WR:

- More efficient use of consultants; reduced cost for public inquiries (1994/95 £485k) - subject to progress on public inquiries for Broad Oak and Darwell

WQ:

- Transfer of Water Archive from mainframe to PC (1994/95 £171k)

FD:

- Rephasing of Flood Defence review (1993/94 £213k)

FRCN:

- Appoint 3rd Lock Keeper at Allington to save costs of existing 2 on shift work (1993/94 £10k)
- Change from Pick-ups to light vans for fisheries staff in Kent (1993/94 £8k)
- Secure appropriate value for shingle removed from Rye Harbour (£7k)

The above cost saving targets do not include potential savings from LP, MT or Envage.

4.4 Centres of Expertise

Existing and proposed Centres of Expertise to service national or multi-regional needs are shown below:

Water Resources

- Southern Region has an excellent and unique set of information relating to domestic water consumption and has the potential to provide a centre of expertise for water demand forecasting, having already produced the relevant draft PIGN and done extensive preparatory work in connection with the Broad Oak and Darwell reservoir schemes. This position has already been registered and agreed with J Sherriff for some time.

Additional finance would not be required in establishing such a centre but it would depend upon the appointment of the additional staff required in 1993/94 and 1994/95. Benefits and savings would be expected to accrue to at least five southerly region's where water resources are under increasing pressure.

Flood Defence

- The long term monitoring of shingle movement on sea defence beaches - this Centre is already in existence.

FRCN

- Marine matters; possible advice to North West for Dee Estuary, to Northumbria for Tees Barrage and to H0/Thames re Marine Safety Committees.
- Hampshire salmon investigation; Hampshire fisheries scientist to assist Wessex Region - see inter regional co operation (2.4.6).

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REGION: Southern
DATE: December 1992

	Actual 91/92	Planned 92/93	Forecast 92/93	Budget 93/94	Planned 94/95
CORE FUNCTION:					
Water Resources	59	64	64	64	64
Water Quality	107	117	117	117	117
Flood Defence	335	371	365	365	365
Fisheries	30	30	31	31	31
Recreation	1.5	1.5	1.5	1.5	1.5
Conservation	4.5	4.5	6.5	6.5	6.5
Navigation	4	4	4	4	4
SUB TOTAL	541	592	589	589	589
SUPPORT SERVICES:					
Administration	57	57	59	59	59
Legal Services	8	8	8	8	8
Estates	4	4	4	4	4
Public Relations	4	4	4	4	4
Information Systems	9	12	13	13	13
R & D	1	1	1	1	1
Finance	27	28	28	28	28
Personnel	9	9	9	9	9
Others	0	0	0	0	0
SUB TOTAL	119	123	126	126	126
TOTAL	660	715	715	715	715

MEMORANDUM NOTE 1

	Actual 91/92	Forecast 92/93
Vacancies =	19	19.5

A vacancy equals an unoccupied FTE on your approved complement. This note is for memorandum purposes only :
Vacancies should be included and accounted for within the main body of the Table as part of the "control" TOTAL

Notes to MP1 :

- The TOTAL of this table should equal the SUB TOTAL for complemented posts on table MP3.
- "Administration" to include the following staff functions:
 - Regional General Manager & personal assistant(s)
 - Corporate/Business Planning
 - Purchasing & Supplies
 - Committee Services
 - Library Services
 - Office/Management Services
 - Central clerical/office services to include :
 - Central WP/typing pools
 - Reprographics
 - Receptionists, telephonists, postroom
 - Security & caretakers
- "Others" to include the following staff functions :
 - Technical Services (drawing office, contracts, design)
 - Operational services (Transportation, Mechanical & Electrical maintenance)
 - Any other staff not specified in any of the listed categories
- "Support staff" who actually work to clearly defined Functions/Services should be placed directly within those Functions/Services (on a % time basis if they work for more than one Function/Service). This will include, for example, secretarial staff who, although they may report to an "Administration manager" actually work on a dedicated basis for one or more of the above specified categories.

MANPOWER PLANNING - MP1a

CORPORATE PLAN INSTRUCTIONS 1993/94

SUB-ANALYSIS : TOTAL NUMBER OF PERSONNEL FOR SPECIFIC FUNCTIONS

Total Number of Employees (FTE) as at 31 March

REGION: Southern
DATE: December 1992

	Actual 91/92	Planned 92/93	Forecast 92/93	Budget 93/94	Planned 94/95
Laboratories	42	44	44	44	44
Design Services	0	7	0	0	0
Electronics/Maintenance	4	4	4	4	4
Plant/Vehicle Servicing	16	16	18	18	18
Corporate/Business Planning	2	2	2	2	2
Planning Liaison	15	15	15	15	15
Emergency Planning	1	1	1	1	1
Comms/Control Rooms	6	7	7	7	7
Purchasing & supplies	5	5	5	5	5
Committee Services	2	3	3	3	3
Library Services	1	1	1	1	1
Office/Management Services	4	4	4	4	4
Central Clerical/Office Services	40	39	41	41	41
TOTAL	138	148	145	145	145

Notes to MP1A :

1. This Table is for memorandum purposes and provides a more detailed breakdown of staffing levels which are "embedded" in the aggregated categories contained in Table MP1.
2. Numbers included in this Table should have been included as an integral part of Table MP1 and are not an addition to the MP1 Totals.
3. Staff employed in more than one function should be allocated on a % time basis.

MANPOWER PLANNING - MP1b

SUB ANALYSIS : TOTAL NUMBER OF "ON THE GROUND" PERSONNEL FOR SPECIFIC FUNCTIONS

Total Number of Employees (FTE) as at 31 March

	Actual 91/92	Planned 92/93	Forecast 92/93	Budget 93/94	Planned 94/95
Abs Lic Inspectors	5	5	5	5	5
Pollution Inspectors	44.5	47.5	47.5	47.5	47.5
Flood Def Operatives	264	259	253	253	253
Fish Insp/Bailiffs	26	26	26	26	26
Navigation Inspectors	4	4	4	4	4
Employees/Emergency	51.5	54.5	54.5	54.5	54.5
TOTAL	395	396	390	390	390

Notes to M1b :

1. This table is for memorandum purposes and focuses on specific categories of staff whose work is principally "in the field" or in situations where personal contact with, and service to, the general public is a major part of the job.
2. Numbers included in this Table should have been included as an integral part of Table MP1 and are not an addition to the MP1 Totals.
3. Staff employed in more than one function should be allocated on a % time basis.

Total Number of Employees (FTE) in complemented posts as at 31 March

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REGION: Southern
DATE: December 1992

	Female	Actual 91/92 Male	Total	Planned 92/93	Forecast 92/93	Budget 93/94	Planned 94/95
NON-MANUAL STAFF:							
Senior Staff	0	6	6	7	7	7	7
NJSC Grade 7 >	7	90	97	119	119	119	119
NJSC Grade 6 and below	130	158	288	330	336	336	336
SUB TOTAL	137	254	391	456	462	462	462
MANUAL STAFF:							
NJIC Adults	0	244	244	253	247	247	247
NJIC Youth	0	0	0	0	0	0	0
NJCC Craft	0	6	6	6	6	6	6
NJCC Apprentices	0	0	0	0	0	0	0
SUB TOTAL	0	250	250	259	253	253	253
TOTAL	137	504	641	715	715	715	715

Notes to MP2 :

1. Senior Staff = RGMs/Senior Managers.

2. TOTAL on MP2 must agree with the SUB TOTAL of MP3 for complemented posts, ie exclude all uncomplemented posts.

NB Actual 91/92 total of 641 excludes 19 vacancies as it is impossible to show Male/Female split of vacancies.

REGION: Southern
 DATE: December 1992

Total Number of Employees (FTE) as at 31 March

	Actual 91/92	Planned 92/93	Forecast 92/93	Budget 93/94	Planned 94/95
COMPLEMENTED POSTS:					
Permanent Staff	660	715	715	715	715
Limited Period Staff	0	0	0	0	0
Consultants	0	0	0	0	0
Other	0	0	0	0	0
SUB TOTAL	660	715	715	715	715
UNCOMPLEMENTED POSTS:					
Limited Period Staff	15	22	22	26	28
Casuals	0	1	1	0	0
Consultants	2	1	1	1	1
Other	0	9	9	9	9
SUB TOTAL	17	33	33	36	38
TOTAL	677	748	748	751	753

MEMORANDUM NOTE 1

	Actual 1991/92 Complemented Posts	Actual 1991/92 Uncomplemented Posts
Total Females =	137	3
Total Males =	504	14

Notes to MP3 :

1. Complemented FTE posts are posts within your approved manpower structure.
2. Uncomplemented posts are other FTEs, not on your structure, but funded via your payroll or by other means, eg R&D.
3. Complemented FTE posts, whether filled by permanent staff, limited period staff, consultants or other staff must not exceed your manpower staff ceilings as per the planning brief.
4. Limited period staff (complemented) include agency/temps/other staff occupying unfilled posts on your approved structure.
5. Consultants (uncomplemented) are those involved in R&D, capital projects etc. and not occupying posts in the approved structure. Consultants in complemented posts are staff occupying posts where FTE have not yet been recruited.
6. The TOTALS for tables MP1 and MP2 must equal the SUB TOTAL for complemented staff in MP3.

TOTAL NUMBER OF PERSONNEL (NON MANUAL AND MANUAL) - HEADCOUNT BASIS

REGION: Southern
DATE: December 1992

Total Number of Employees (HEADCOUNT) as at 31 March

	Forecast 92/93	Budget 93/94	Planned 94/95
PERMANENT STAFF ON NRA PAYROLL WORKING UNDER NRA CONTRACT/TERMS & CONDITIONS	724	724	724
NON-PERMANENT STAFF ON NRA PAYROLL WORKING UNDER SHORT/FIXED TERM CONTRACT	24	27	29
POSTED/SECONDED PERMANENT EMPLOYEES ON NRA PAYROLL (from other Regions/H.O.)	0	0	0
SUB-TOTAL : NUMBER OF STAFF ON NRA PAYROLL	748	751	753
NON PERMANENT STAFF NOT ON NRA PAYROLL (AGENCY STAFF/CONSULTANTS etc.)	9	9	9
TOTAL HEADCOUNT	757	760	762

MEMORANDUM NOTE 1.

No. of permanent employees posted/seconed to other Regions/H.O.

= 1

Notes to MP4 :

1. Unlike the other MP tables, MP4 is denominated in terms of HEADCOUNT numbers not FTEs.
2. Permanent staff on NRA payroll working under NRA contracts/terms & conditions should exclude employees who are posted/seconed to other Regions/H.O. These should be accounted for in the Memorandum Note 1.

REVENUE OPERATING COSTS - SUBJECTIVE ANALYSIS

V#000

REGION: SOUTHERN

	ACTUAL 1991/92	BUDGET 1992/93	PLANNED 1993/94	PLANNED 1994/95
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SALARIES

Costs	5,980	7,572	7,859	8,569
Superannuation	616	640	624	679
N.I.C.	456	569	588	644
Agency, Temps. & Other	297	371	405	405

WAGES

Costs	3,016	3,157	3,105	3,214
Superannuation	263	201	227	235
N.I.C.	223	231	252	261
Agency, Temps. & Other	1		0	

SUB-TOTAL	10,852	12,741	13,060	14,006
Travel & Subsistence	729	855	892	960

SUB-TOTAL STAFF	11,581	13,596	13,952	14,966
-----------------	--------	--------	--------	--------

Consultants	383	500	570	593
P.L.C. Services	1,857	1,239	1,204	1,097
Other H.&C. Services	2,345	3,305	3,270	2,961
Equip. Tools & Mats.	2,672	1,920	3,056	3,177
Power	290	310	343	356
H.O. & National Costs	912	2,059	2,026	2,026
Other Costs	2,937	3,374	3,369	3,319

SUB-TOTAL OTHER	11,396	12,707	13,838	13,529
-----------------	--------	--------	--------	--------

TOTAL	22,977	26,303	27,790	28,495
-------	--------	--------	--------	--------

NOTE : Completed on an Income and Expenditure Basis.

Excludes Depreciation, Intangible Asset Write Offs and
Write off of Assets Disposed.

CAPITAL OPERATING COSTS - SUBJECTIVE ANALYSIS

▼#000

REGION: SOUTHERN

	ACTUAL 1991/92	BUDGET 1992/93	PLANNED 1993/94	PLANNED 1994/95

SALARIES				

Costs	31	36	38	39
Superannuation	4	3	3	3
N.I.C.	2	3	3	3
Agency, Temps. & Other				
WAGES				

Costs	196	250	308	319
Superannuation	17	18	20	21
N.I.C.	14	20	22	23
Agency, Temps. & Other				
SUB-TOTAL	264	330	394	407
Travel & Subsistence	2	2	5	5
SUB-TOTAL STAFF	266	332	399	412

Consultants	859	525	470	392
P.L.C. Services	766	767	100	
Other H.&C. Services	8,162	11,303	13,967	14,576
Equip. Tools & Mats.	3,300	2,687	1,276	1,279
Power	6	1	5	5
H.O. & National Costs	0	0	0	0
Other Costs	723	1,293	450	456
SUB-TOTAL OTHER	13,816	16,576	16,268	16,708
TOTAL	14,082	16,908	16,667	17,120
=====				
ANALYSIS				

Tangible Assets	4,557	4,349	2,785	2,370
Intangible Assets	9,525	12,559	13,882	14,750
TOTAL (as above)	14,082	16,908	16,667	17,120
=====				
FINANCED BY :-				

Depreciation	1,649	1,880	2,100	2,300
Intangible Asset W/off	5,672	6,860	7,186	7,100
Grants	4,928	5,699	6,696	7,650
Less Grants Amortised -				
Intangible	0			
Tangible	(78)	(170)	(170)	(170)
Trans. to Capital Reserve	1,911	2,639	855	240
TOTAL	14,082	16,908	16,667	17,120
=====				

Note: Depreciation includes write down on disposal

TOTAL OPERATING COSTS - SUBJECTIVE ANALYSIS

v#000

REGION: SOUTHERN

	ACTUAL 1991/92	BUDGET 1992/93	PLANNED 1993/94	PLANNED 1994/95

SALARIES				

Costs	6,011	7,608	7,897	8,608
Superannuation	620	643	627	682
N.I.C.	458	572	591	647
Agency, Temps. & Other	297	371	405	405
	0	0	0	0
WAGES	0	0	0	0
-----	0	0	0	0
Costs	3,212	3,407	3,413	3,532
Superannuation	280	219	247	256
N.I.C.	237	251	274	284
Agency, Temps. & Other	1	0	0	0

SUB-TOTAL	11,116	13,071	13,454	14,413
Travel & Subsistence	731	857	897	965

SUB-TOTAL STAFF	11,847	13,928	14,351	15,378

Consultants	1,242	1,025	1,040	985
P.L.C. Services	2,623	2,006	1,304	1,097
Other H.&C. Services	10,507	14,608	17,237	17,537
Equip. Tools & Mats.	5,972	4,607	4,332	4,456
Power	296	311	348	361
H.O. & National Costs	912	2,059	2,026	2,026
Other Costs	3,660	4,667	3,819	3,775

SUB-TOTAL OTHER	25,212	29,283	30,106	30,237

TOTAL	37,059	43,211	44,457	45,615
=====				

NOTE : Excludes Depreciation, Intangible Asset Write Offs and
Write off of Assets Disposed.

TOTAL OPERATING INCOME AND EXPENDITURE - FUNCTION ANALYSIS

REGION: SOUTHERN

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	ACTUAL 1991/92					BUDGET 1992/93				
	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS/ (DEFICIT)	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS/ (DEFICIT)
WATER QUALITY	1,681	401	4,467	4,868	(3,187):	2,575	331	5,677	6,008	(3,433):
FISHERIES	708	170	1,305	1,475	(767):	850	125	1,473	1,598	(748):
RECREATION	90	121	88	209	(119):	40	80	86	166	(126):
CONSERVATION	1	0	131	131	(130):	0	0	133	133	(133):
NAVIGATION	220	104	576	680	(460):	250	382	679	1,061	(811):
SUB-TOTAL	2,700	796	6,567	7,363	(4,663):	3,715	918	8,048	8,966	(5,251):
CAPITAL RESTRUCTURING	904	1,489		1,489	(585)	100	211		211	(111):
SUB-TOTAL GRANT AIDED	3,604	2,285	6,567	8,852	(5,248):	3,815	1,129	8,048	9,177	(5,362):
WATER RESOURCES	6,483	795	4,808	5,603	880 :	7,211	1,860	5,620	7,480	(269):
FLOOD DEFENCE	22,822	11,002	11,602	22,604	218 :	26,246	13,919	12,635	26,554	(308):
TOTAL	32,909	14,082	22,977	37,059	(4,150):	37,272	16,908	26,303	43,211	(5,939):

	PLANNED 1993/94					PLANNED 1994/95				
	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS/ (DEFICIT)	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS/ (DEFICIT)
WATER QUALITY	2,915	294	5,847	6,141	(3,226):	3,066	360	6,118	6,478	(3,412):
FISHERIES	795	34	1,473	1,507	(712):	910	8	1,436	1,444	(534):
RECREATION	40	10	123	133	(93):	40	10	126	136	(96):
CONSERVATION	0	5	183	188	(188):	0	0	180	180	(180):
NAVIGATION	230	305	702	1,007	(777):	250	227	723	950	(700):
SUB-TOTAL	3,980	648	8,328	8,976	(4,996):	4,266	605	8,583	9,188	(4,922):
CAPITAL RESTRUCTURING		0	0	0	0 :				0	0 :
SUB-TOTAL GRANT AIDED	3,980	648	8,328	8,976	(4,996):	4,266	605	8,583	9,188	(4,922):
WATER RESOURCES	8,080	1,000	6,202	7,202	878 :	8,080	975	6,140	7,115	965 :
FLOOD DEFENCE	27,185	15,019	13,260	28,279	(1,094):	29,340	15,540	13,772	29,312	28 :
TOTAL	39,245	16,667	27,790	44,457	(5,212):	41,686	17,120	28,495	45,615	(3,929):

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TOTAL OPERATING RECEIPTS AND PAYMENTS - FUNCTION ANALYSIS

REGION: SOUTHERN

	ACTUAL 1991/92					BUDGET 1992/93				
	RECEIPTS	PAYMENTS	REVENUE PAYMENTS	TOTAL PAYMENTS	SURPLUS/ (DEFICIT)	RECEIPTS	PAYMENTS	REVENUE PAYMENTS	TOTAL PAYMENTS	SURPLUS/ (DEFICIT)
WATER QUALITY	1,681	401	4,467	4,868	(3,187):	2,718	331	5,677	6,008	(3,290):
FISHERIES	708	170	1,305	1,475	(767):	1,039	125	1,473	1,598	(559):
RECREATION	90	121	88	209	(119):	40	80	86	166	(126):
CONSERVATION	1	0	131	131	(130):	0	0	133	133	(133):
NAVIGATION	220	104	576	680	(460):	250	382	679	1,061	(811):
SUB-TOTAL	2,700	796	6,567	7,363	(4,663):	4,047	918	8,048	8,966	(4,919):
CAPITAL RESTRUCTURING				0	0	100	177		177	(77):
SUB-TOTAL GRANT AIDED	2,700	796	6,567	7,363	(4,663):	4,147	1,095	8,048	9,143	(4,996):
WATER RESOURCES	6,483	795	4,808	5,603	880 :	7,071	1,860	5,620	7,480	(409):
FLOOD DEFENCE	22,822	11,002	11,602	22,604	218 :	25,786	13,919	12,635	26,554	(768):
TOTAL	32,005	12,593	22,977	35,570	(3,565):	37,004	16,874	26,303	43,177	(6,173):

	PLANNED 1993/94					PLANNED 1994/95				
	RECEIPTS	PAYMENTS	REVENUE PAYMENTS	TOTAL PAYMENTS	SURPLUS/ (DEFICIT)	RECEIPTS	PAYMENTS	REVENUE PAYMENTS	TOTAL PAYMENTS	SURPLUS/ (DEFICIT)
WATER QUALITY	3,150	276	5,847	6,123	(2,973):	3,066	360	6,118	6,478	(3,412):
FISHERIES	795	34	1,462	1,496	(701):	910	8	1,436	1,444	(534):
RECREATION	40	10	110	120	(80):	40	10	126	136	(96):
CONSERVATION	0	5	192	197	(197):	0	0	180	180	(180):
NAVIGATION	230	305	702	1,007	(777):	250	227	723	950	(700):
SUB-TOTAL	4,215	630	8,313	8,943	(4,728):	4,266	605	8,583	9,188	(4,922):
CAPITAL RESTRUCTURING				0	0 :				0	0 :
SUB-TOTAL GRANT AIDED	4,215	630	8,313	8,943	(4,728):	4,266	605	8,583	9,188	(4,922):
WATER RESOURCES	8,080	1,000	6,189	7,189	891 :	8,080	975	6,140	7,115	965 :
FLOOD DEFENCE	27,085	14,869	13,260	28,129	(1,044):	29,250	15,615	13,759	29,374	(124):
TOTAL	39,380	16,499	27,762	44,261	(4,881):	41,596	17,195	28,482	45,677	(4,081):

	PLANNED 1993/94			PLANNED 1994/95		
	STAFF PAYMENTS	OTHER PAYMENTS	TOTAL PAYMENTS	STAFF PAYMENTS	OTHER PAYMENTS	TOTAL PAYMENTS
WATER QUALITY	2,974	3,149	6,123	3,259	3,219	6,478
FISHERIES	783	713	1,496	801	643	1,444
RECREATION	47	73	120	49	87	136
CONSERVATION	85	112	197	87	93	180
NAVIGATION	425	582	1,007	440	510	950
SUB-TOTAL	4,314	4,629	8,943	4,636	4,552	9,188
WATER RESOURCES	2,669	4,520	7,189	2,841	4,274	7,115
TOTAL DoE	6,983	9,149	16,132	7,477	8,826	16,303

INCOME ANALYSIS

		ACTUAL 1991/92	BUDGET 1992/93	PLANNED 1993/94	PLANNED 1994/95

WATER QUALITY	Charging for Discharges				
-----	- Application Fee	70	65	70	76
	- Annual Consent	1,579	2,490	2,825	2,970
	- H.M.I.P./ I.P.C.Consents	0	0	0	0
	Pollution Incidents	3	20	20	20
	Other	29	0	0	0

	Total	1,681	2,575	2,915	3,066

FISHERIES	Rod Licences	683	830	780	900
-----	Commercial Licences	0	0	0	0
	Fish Sales	18	20	15	10
	Other	7	0	0	0

	Total	708	850	795	910

RECREATION		91	40	40	40

CONSERVATION		0	0	0	0

NAVIGATION (NRA)	Tolls	155	150	130	145
-----	Other	65	100	100	105

	Total	220	250	230	250

TOTAL GRANT AIDED		2,700	3,715	3,980	4,266

WATER RESOURCES	Abstraction Charges	6,269	7,071	7,930	7,930
-----	Interest Received	214	140	150	150
	Other	0	0	0	0

	Total	6,483	7,211	8,080	8,080

FLOOD DEFENCE	Levies/GDC	17,222	18,837	19,385	20,280
-----	MAFF/W.O. Grants	3,984	5,699	6,696	7,650
	L.D. Consents	15	12	17	20
	Interest Received	709	460	417	400
	Rechargeable Works	470	453	475	495
	Other	422	785	195	495

	Total	22,822	26,246	27,185	29,340

TOTAL		32,005	37,172	39,245	41,686

MEMORANDA	Interest in G.A.Services	16	0	0	0
-----	Asset Sales in All Services	136	400	0	320
	ERDF Grants in All Services	0	0	0	0
	Boat Licences (not inc. above)	82	85	88	92

SUMMARY OF PROPOSED CAPITAL PROJECTS

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REGION: SOUTHERN

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SUMMARY OF PROPOSED CAPITAL PROJECTS

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SUMMARY OF PROPOSED CAPITAL PROJECTS

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SUMMARY OF PROPOSED CAPITAL PROJECTS

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REGION: SOUTHERN

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SUMMARY OF PROPOSED CAPITAL PROJECTS

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REGION: SOUTHERN

FUNCTION	SITE :NAME	: PROJECT TITLE	: PRIOR YEARS	: 1993/94	: 1994/95	: 1995/96	: 1996/97	: :
FLOOD DEFENCE	:	:GRANT AIDED	:	:	:	:	:	:
	:I.O.W.	:Bembridge Tidal Sluice	: 290	: 208	:	:	:	:
	:	:Cowes Tidal Defences	:	:	: 265	:	:	:
	:	:I.O.Wight Enhancement of Sea Defences	:	:	:	: 265	: 265	:
	:HAMPSHIRE	:Pennington Sea Wall Reconstruction	: 4,840	: 800	:	:	:	:
	:	:Brockenhurst FRS	: 200	: 500	:	:	:	:
	:	:Hayling Island Enhancement of Defences	:	: 530	: 265	:	:	:
	:	:Winchester Area Restoration of Defences	:	:	: 265	: 450	: 450	:
	:SUSSEX	:R.Arun Revetment Toe Protection	: 1,340	: 210	: 210	:	:	:
	:	:Felpham Sea Defence Frontage	: 270	: 750	: 750	: 750	: 500	:
	:	:Selsey/Bracklesham Enhancement of Defenc	: 50	: 550	: 450	: 800	: 400	:
	:	:Elmer Sea defences Phase 2 & 3	: 2,000	: 300	:	:	:	:
	:	:Lancing/Shoreham Enhancement of defences:	:	: 15	: 450	: 500	: 500	:
	:	:Bulverhyth Enhancement of Defences	: 35	: 250	: 250	: 250	:	:
	:	:R.Ouse Imps to Tidal Banks	: 50	: 250	: 250	: 250	: 250	:
	:	:Pevensey Bay:E'bne/Cooden SD Imps	: 475	: 635	: 2,200	: 6,200	: 10,500	:
	:	:Seaford Bulk Shingle Recycling	: 80	: 80	: 80	: 80	: 80	:
	:	:Coombe Haven Outfall refurbishment	:	: 100	:	:	:	:
	:	:Eastbourne:Crumbles SD Frontage	:	: 450	: 250	:	:	:
	:	:Refurbishment LD P Stns	:	:	:	: 50	: 75	:
	:	:R.Ouse Anchor Weir refurbishment	:	:	:	:	: 150	:
	:KENT	:Rye Harbour Eastern Arm Bank Imp	: 592	: 265	: 285	: 265	:	:
	:	:Dymchurch St Mary's Bay S/Wall Ph2	: 1,500	: 1,770	: 1,300	: 430	:	:
	:	:Dymchurch Rye Har. Terminal Groyne	: 100	: 350	: 375	:	:	:
	:	:Jury's GapSouthbrooks SD Frontage	: 60	: 295	: 550	:	:	:
	:	:Dymchurch SD Stage 3	:	:	: 1,750	: 3,250	: 3,500	:
	:	:Pett SD Shingle renourishment & Groynes	:	:	: 375	:	:	:
	:	:Refurbishment of LD P Stns	:	:	:	: 150	: 200	:
	:	:W.Hythe Recon Water Control Gates	:	:	: 100	:	:	:
	:	:R.Medway Snodland to Millhall	: 820	: 700	:	:	:	:
	:	:R.Medway Flood regime study	:	: 100	:	:	:	:
	:	:R.Medway Isl site WW T'ment Wks 6A	:	: 370	:	:	:	:
	:	:R.Medway Aylesford Friary 6B	:	:	: 140	:	:	:
	:	:R.Darent Westerham-Brasted FRS	:	:	: 210	:	:	:
	:	:R.Medway Ayls.-L.Preston 3	:	:	:	: 800	:	:
	:	:R.Cray Ruxley pits to Foots Cray	:	:	:	: 500	:	:
	:	:N.Grain Tidal Def Imps	:	:	:	: 250	: 250	:
	:	:Reculver Imp Scheme SDF	: 480	: 700	: 500	:	:	:
	:	:Sheerness Scraps Gate to Barton Pt	:	: 200	:	:	:	:
	:	:Nailbourne Stream Imp Scheme	:	:	: 140	:	:	:
	:	:Ashford Aylesford Stream FR	:	:	: 285	:	:	:
	:	:Sandwich town Tidal defences	:	:	:	: 265	: 525	:
	:	:Sandwich Bay Erosion control	:	:	: 200	:	:	:
	:	:Capel Fleet: Mocketts P.Stn	:	:	:	: 285	:	:
	:	:Refurbishment LD P Stns	:	:	:	: 100	: 150	:
	:	:Sandwich Stonar Loop Tidal Defence	:	:	:	:	: 265	:
	:	:Ash Levels P S Refurbishment	:	: 50	:	:	: 275	:
	:	:See Separate sheet for further details	:	: 3,490	: 3,029	: 2,715	: 2,695	:
	:	:PROJECTS UNDER #100,000	:xxxxxxxxx:	: 905	: 407	: 263	: 708	:
	:	:ALLOCATION OF MULTIFUNCTIONAL CAPITAL	:xxxxxxxxx:	: 196	: 209	: 213	: 218	:
	:	:	:	:	:	:	:	:
	:	:TOTAL FUNCTION CAPITAL EXPENDITURE	: 13,182	: 15,019	: 15,540	: 19,081	: 21,956	:
	:	:(TO AGREE WITH FP2)	:	:	:	:	:	:

Continuation Sheet for Flood Defence Capital Schemes

FUNCTION	:SITE :NAME	:PROJECT TITLE :	:PRIOR :YEARS	:	:	:	:	:	:
				1993/94	1994/95	1995/96	1996/97		
FLOOD DEFENCE (CONT)	:	:GRANT AIDED(cont)	:	:	:	:	:	:	:
	:	:	:	:	:	:	:	:	:
	:	:RECS(Flood Defence Component)	:	350	100	100	100	:	:
	:	:Coastal Management System	:	62	125	125	125	125	:
	:	:	:	:	:	:	:	:	:
	:	:	:	:	:	:	:	:	:
	:	:NON GRANT AIDED	:	:	:	:	:	:	:
	:	:Tadburn Lake Imp Scheme	:	:	:	134	:	:	:
	:	:Vehicles Plant and Ships	:	:	550	560	530	530	:
	:	:Whiteley Balancing Lake extension	:	:	138	:	:	:	:
	:	:South Stoke Bridge refurbishment	:	30	250	:	:	:	:
	:	:Dymchurch Sea Wall Grouting	:	32	32	32	32	32	:
	:	:Earth F D Walls	:	218	228	228	228	228	:
	:	:Reculver Sea Wall reps and Shingle	:	100	75	50	:	:	:
	:	:NRA Bridge Survey Programme	:	:	50	100	100	100	:
	:	:Design and Supervision	:	:	1942	1700	1600	1680	:
	:	:	:	:	:	:	:	:	:
	:	:	:	:	:	:	:	:	:
	:	:	:	:	:	:	:	:	:
	:	:	:	:	:	:	:	:	:
	:	:	:	:	:	:	:	:	:
	:	:TOTAL	:	792	3490	3029	2715	2695	:
	:	:	:	:	:	:	:	:	:
	:	:	:	:	:	:	:	:	:

SUMMARY OF PROPOSED CAPITAL PROJECTS

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REGION: SOUTHERN

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FILE REF : TO\cplan\OPM1

REGION: SOUTHERN

FUNCTION : WATER RESOURCES

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95
LICENCING				
No.Licences in Force (abstraction + impoundment)	2624	2820	2820	2900
No.Licences Determined within Statutory Period (abstraction + impoundment)	15	31	62	94
No.Licences Determined (abstraction + impoundment)	172	135	135	135
WR/R/1; % of licence applications determined within statutory period	9	23	46	70
Total Costs - Licencing (£k)	297	397	417	429
No.Licences Determined or Reviewed	172	135	135	135
WR/R/3; Average cost of determining licence (£/no.)	1727	2941	3089	3178
ENFORCEMENT				
Highly Critical Licence Inspections				
Required by NRA Policy	750	750	750	765
Probable Inspections Made	742	750	750	760
Critical Licence Inspections				
Required by NRA Policy	260	260	260	265
Probable Inspections Made	251	250	260	265
WR/R/2; % achievement of licence enforcement programme (Critical and Highly Critical)	98	99	100	100
Less Critical and Non-Critical Licence Inspections				
Required by NRA Policy	565	565	570	581
Probable Inspections Made	611	540	565	576
Total Inspections Required by NRA Policy	1575	1575	1580	1611
Total Number of Licence Inspections	1604	1540	1575	1601
Average Attainment of Licence Inspection Targets	102	98	100	99
LOW FLOWS				
No.of Sites With Low-Flows				
"Top 40"	6	5	6	6
Others	2	2	2	2
Low-Flow Studies Completed:				
"Top 40"	2	4	5	5
Others	0	0	0	0
Sites With Low-Flows Ameliorated:				
"Top 40"	0	2	0	1
Others	0	0	0	0
Sum of the proportions of investigation programmes achieved	3	3	2	1
Low-flow investigations planned to be progressed	5	4	2	1
WR/L/1; % of low flow investigations progressed to plan	50	75	100	100

FILE REF : TO\cplan\OPM2

REGION: SOUTHERN

FUNCTION : WATER QUALITY

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95		
CONSENTING and COMPLIANCE MONITORING						
No. of Discharge Consents in Force (Total)	12300	12778	13000	13300	8794 + 1944 as Tripartite = 10738	
No. of Discharges Monitored (Total)	1295	1430	1475	1500	2469 + 1944 = 26634	
No. of Consent Applications Determined Within Statutory Period	465	490	510	540	Tripartite dev 21384	
No. of Consent Applications Determined	651	610	600	600		
PC/R/1; % consents determined within statutory period	71	80	85	90		
Total Costs - Consenting (£k)	500	459.520	463.500	470.540		
No. of Consents Determined or Reviewed	670	710	900	900		
PC/R/5; Average cost of determining consents (£/no.)	746	732	589	600		
No. of Routine Single Samples Taken (Total)	24225	24466	25466	25898	Note 6	
No. of Routine Enforcement Samples Taken (Effluent monitoring)	10058	11700	9070	9360	rev 32	
No. of Routine Enforcement Samples Programmed (Effluent Monit'g)	12300	11700	9070	9360	other.	
PC/R/3; % of effluent monitoring programme achieved	82	100	100	100	REVISE	
Analyses - Simple	253967	267745	276160	284840	Deletion	
Analyses - Complex	92933	99090	102142	105352	Tubers	
Samples Analysed Within Target Times	16000	24836	24192	24603	14.5.93	
Samples Submitted	24225	27596	25466	25898	RBE, MRS, TAA.	
PC/T/1; % of water quality samples analysed within target times	66	90	95	95		
Total Laboratory Costs (£k)	1406	1309	1361	1416		
Total Number of Determinations	346900	366776	378302	390192		
PC/T/2; Average cost of analyses per determination (£/det)	4	3.6	3.6	3.6		
INCIDENTS/EMERGENCIES						
No. of Reported Incidents Attended Within Target Time	57	60	60	60		
No. of Reported Incidents	81	80	80	80		
PC/I/1; % incidents attended within target response time	70	75	75	75		
EC DIRECTIVES						
Bathing Water - No. of designated EC Bathing Waters	67	67	67	67		
Bathing Water - No. of designated waters achieving directive	45	49	52	60		
% of Bathing Waters achieving directive	67	73	78	90		
OTHER					Planned 1999/2000	Planned 2000/2005
River Water Quality: length of river (km)						
- Class 1A (good)	544	336	336	336	340	340
- Class 1B (good)	1108	1113	1140	1140	1151	1151
- Class 2 (fair)	412	728	701	707	692	692
- Class 3 (poor)	110	8	8	2	2	2
- Class 4 (bad)	11	0	0	0	0	0
Total Length of Classified River	2185	2185	2185	2185	2185	2185
Canal Water Quality: length of canal (km)						
- Class 1A (good)	7	0	0	0	0	0
- Class 1B (good)	1	17.6	20	22	28	28
- Class 2 (fair)	14	16.4	16	21	13	13
- Class 3 (poor)	19.9	7	5	0	0	0
- Class 4 (bad)	0	0	0	0	0	0
Total Length of Classified Canal	41	41	41	41	41	41
Estuarial Water Quality: length of estuary (km)						
- Class A (good)	319	319	319	319	319	319
- Class B (fair)	52	52	55	55	63	63
- Class C (poor)	11	11	8	8	0	0
- Class D (bad)	0	0	0	0	0	0
Total Length of Classified Estuary	382	382	382	382	382	382

FILE REF : T0\cplan\OPM3

REGION: SOUTHERN

FUNCTION : FLOOD DEFENCE

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95
REGULATION/ENFORCEMENT				
Consents Determined Within Statutory Period	307	309	328	348
Consents Determined	312	315	335	355
FD/R/1; % of consents determined within statutory period	98	98	98	98
Total Cost of Regulation/Enforcement	115	118	230	236
Total Flood Defence Expenditure	22150	26100	28005	30282
FD/R/2; cost of regulation/enforcement as % of total expenditure	1	0	1	1
IMPROVEMENT/DEVELOPMENT OF FLOOD DEFENCES				
No. of Housing Equivalents protected by capital schemes *	0	0	0	0
Cost of completed schemes (£000s)	0	0	0	0
FD/I/1 : HEs protected by capital schemes vis cost of schemes	ERROR	ERROR	ERROR	ERROR
FD/I/2 : Length of Flood Defence Improved (km)				
- Total	10	10	11	12
MAINTENANCE OF EXISTING DEFENCES				
No. of Housing Equivalents receiving benefit from maintenance	0	0	0	0
Total expenditure on maintenance (£000s)	0	0	0	0
FD/M/1 : HEs receiving benefit in relation to cost of maintenance	ERROR	ERROR	ERROR	ERROR
FD/M/2 : Length of Flood Defence Maintained (km)				
- Total	1200	1200	1200	1200
FLOOD EMERGENCY SERVICES				
No. of flooded properties for which a flood warning was issued	0	0	0	0
No. of properties flooded	0	0	0	0
FD/E/1 : % of flooded properties for which a warning was issued	ERROR	ERROR	ERROR	ERROR
OTHER				
Total Overhead Costs	3150	3601	4094	4180
Total Flood Defence Expenditure	22150	26100	28005	30282
FD/O/1 : Overhead Costs as % of Total Flood Defence Expenditure	14	14	15	14
Value of Work completed	11	14	13	14
Cost of Work Completed	11	14	13	14
FD/P/1; Value of work completed as % of Cost of Work Completed	100	100	100	100

Notes:

FD/I/1 & FD/M/1 Housing Equivalents not available yet; data collection systems being developed.

FD/P/1 Costs in £m

REGION: SOUTHERN

FUNCTION : FISHERIES

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95
ENFORCEMENT				
Cost of Rod Licence Enforcement (£k)	382	401	390	380
No. of Rod Licence Checks Made	23137	15000	27844	27844
F/R/4; Average cost of enforcement per licence checked (£/licence)	16.5	26.7	14	13.6
Number of Licences sold				
- Rod	120480	85000	68662	65229
- Net	6	6	4	4
- Total	120486	85006	68666	65233
Number of Licence Checks Made				
- Rod	23137	15000	27844	27844
- Net	6	6	4	4
- Total	23143	15006	27848	27848
Licence Checks Made as % of licences sold				
- Rod	19	18	41	43
- Net	100	100	100	100
- Total	19	18	41	43
Number of Satisfactory Licence Checks				
- Rod	20881	14000	25006	24380
- Net	6	6	4	4
- Total	20887	14006	25010	24384
F/R/3 % licence compliance				
- rod	90	93	90	88
- net	100	100	100	100
- total	90	93	90	88
S.28 Orders (no.)	0	0	0	0
MONITORING				
Actual Cost of Fishery Monitoring (£k)	59	82	67	52
Actual Length of River Surveyed (km)	900	300	257	214
F/M/1; Average cost of fishery monitoring per km surveyed (£/km)	66	273	261	243
Length of River Planned to be Surveyed (km)	880	300	257	214
F/M/2; % of planned river surveyed	102	100	100	100
Number of surveys				
- netting/electro	92	105	90	75
- angler census	0	0	0	0
- Total	92	105	90	75
PHYSICO-CHEMICAL IMPROVEMENT				
Improvement Structures Built - Total	2	4	1	0
REARING and STOCKING				
Fish Rearing (No in millions)				
- Salmonid	.089	.05	.078	.063
- Non-Salmonid	.026	.11	.066	.043
- Total	.115	.16	.144	.106
Fish Stocking (No in millions)				
- Salmonid	.46	.7	.7	0
- Non-Salmonid	.14	.11	.09	.08
- Total	.6	.81	.79	.08

Notes:

Licences sold in 1991/2 include 39,232 'Second Rod' stickers

S.28 no. in 1993/94 and 1994/95 depends on Head Office

River planned for survey modified from 3 to 5 year programme from 1992/93

Rearing & stocking numbers (93/94 and 94/95) from Kent Dunks Green Fish Farm

FILE REF : TO\cplan\OPM5

REGION: SOUTHERN

FUNCTION : RECREATION

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95
NRA FACILITY MANAGEMENT				
Actual Spend on Running NRA Recreational Sites (£k)	17	17	60	60
Total Number of Recreational Sites	25	25	25	25
R/M/1; Average cost of operating NRA recreational sites (£/site)	680	680	2400	2400
LIAISON WITH OTHERS/PROMOTION				
Number of Collaborative Projects	1	2	3	3
Total Number of Projects	1	2	3	3
R/L/1; % external collaboration	100	100	100	100

Notes:

R/M/1 Spend in 1991/92 and 1992/93 = Medway Project

Spend in 1993/94 and 1994/95 = Medway Project, Stour Project and Park Wood

FORM OPM 6

FILE REF : TO\cplan\OPM6

REGION: SOUTHERN

FUNCTION : CONSERVATION

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95
APPRAISAL/SURVEYS				
Reports on Capital Schemes/EIAs - Total	27	19	10	10
Actual Spend on River Corridor Surveys (£k)	40	54	40	40
Actual Length of River Corridor Surveyed (km)	393	400	350	350
C/S/1; Cost per km of river corridor surveyed (£/km)	102	135	114	114
Length Planned for Survey (km)	510	400	350	350
C/S/3; % planned length surveyed	77	100	100	100
LIAISON WITH OTHERS/PROMOTION				
No. of collaborative projects	30	30	25	25
Total No. of projects	30	30	27	27
C/L/1 : % external collaboration	100	100	93	93
MANAGEMENT PLANS/IMPROVEMENTS				
Improvement Projects - Total	12	30	10	10
OTHER				
Applications Screened				
- abstractions	101	75	90	90
- discharge	11	10	10	10
- land drainage	34	50	40	40
- fisheries	0	10	5	5
- other	46	10	30	30
- Total	192	155	175	175

Notes:

Management plans/improvements in 'Plan 92/93' included all projects rather than only those which were specific improvement projects.

FILE REF : TO\cplan\OPM7

REGION: SOUTHERN

FUNCTION : NAVIGATION

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95
REGULATION/ENFORCEMENT				
Number of Valid Licences Detected	12600	12950	12950	12950
Total Number of Licence Checks	13000	13250	13250	13250
N/R/2; % licence compliance	97	98	98	98
Number of Navigation Offences	400	300	300	300
Total Number of Licenced Craft	2650	2700	2700	2700
N/R/3; % offences	15	11	11	11
IMPROVEMENTS/NEW WORKS				
Improvement Projects	0	1	1	0

REGION: SOUTHERN

FUNCTION : SUPPORT SERVICES

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Planned 92/93	Budget 93/94	Planned 94/95
LEGAL SERVICES				
Number of Prosecutions Concluded				
- Water Resources	1	N/A	N/A	N/A
- Pollution Control	21	N/A	N/A	N/A
- Flood Defence	40	N/A	N/A	N/A
- Fisheries	151	N/A	N/A	N/A
- Other	0	N/A	N/A	N/A
- Total	213	N/A	N/A	N/A
Number of Successful Prosecutions				
- Water Resources	1	N/A	N/A	N/A
- Pollution Control	19	N/A	N/A	N/A
- Flood Defence	27	N/A	N/A	N/A
- Fisheries	126	N/A	N/A	N/A
- Other	0	N/A	N/A	N/A
- Total	173	N/A	N/A	N/A
L/1 : % success rate of prosecutions concluded				
Water Resources	100	N/A	N/A	N/A
- Pollution Control	90	N/A	N/A	N/A
- Flood Defence	68	N/A	N/A	N/A
- Fisheries	83	N/A	N/A	N/A
- Other	ERROR	N/A	N/A	N/A
- Total	81	N/A	N/A	N/A
Legal Costs of Prosecutions Concluded (£k)				
- Water Resources	0	N/A	N/A	N/A
- Pollution Control	0	N/A	N/A	N/A
- Flood Defence	0	N/A	N/A	N/A
- Fisheries	0	N/A	N/A	N/A
- Other	0	N/A	N/A	N/A
- Total	0	N/A	N/A	N/A
L/2 : Average legal costs per prosecution concluded (£)				
- Water Resources	0	N/A	N/A	N/A
- Pollution Control	0	N/A	N/A	N/A
- Flood Defence	0	N/A	N/A	N/A
- Fisheries	0	N/A	N/A	N/A
- Other	ERROR	N/A	N/A	N/A
- Total	0	N/A	N/A	N/A
INFORMATION SYSTEMS				
Total Regional Expenditure on IS (£000)	2121	2593	2887	2850
Total Regional Revenue Expenditure (£000)	22977	26303	27790	28495
I/G/1; IS Costs as % of Total Revenue expenditure	9.23	9.86	10.39	10

REGION: SOUTHERN

FUNCTION : SUPPORT SERVICES

OUTPUT and PERFORMANCE MEASURES by Activity	Actual 91/92	Plan 92/93	Budget 93/94	Planned 94/95
PERSONNEL				
No. of Staff in Establishment Posts Leaving over last 12 months	30	0	N/A	N/A
Average No. of Staff in Establishment Posts over last 12 months	614	0	N/A	N/A
P/E/1; % Staff Turnover	5	ERROR	N/A	N/A
Total Number of Working Days Lost	4256	0	N/A	N/A
Total Number of Working Days	135080	0	N/A	N/A
P/H/1; % working days lost	3	ERROR	N/A	N/A
Total Number of Reportable Accidents	17	0	N/A	N/A
Total Number of Accidents	85	0	N/A	N/A
P/H/3; % reportable accidents	20	ERROR	N/A	N/A
Training (person-days)				
- manual	620	1142	1096	1096
- non-manual	960	1396	1797	1797
- Total	1580	2538	2893	2893
PUBLIC RELATIONS				
No. of Publications - Total	27	20	6	4
Total Regional Expenditure on PR (£000)	213	243	233	242
Total Regional Revenue Expenditure (£000)	22977	26303	27790	28495
PR/1; PR Costs as % of Total Revenue expenditure	.93	.92	.84	.85
PLANNING LIAISON				
Planning Applications Processed Within Target Time	2540	2500	2958	3289
Total Number of Planning Applications Received	3077	4000	3480	3654
PL/1; % planning consultations processed within target time	83	63	85	90

Notes:

No Personnel 'Plan 92/93' figures available.



NRA

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Southern Region

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