

NRA SOUTHERN REGION

REGIONAL REVIEW
1990/91



NRA

MAY 1991

National Rivers Authority

Guildbourne House
Worthing

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18 .JUL 1991	

NATIONAL RIVERS

ENVIRONMENT AGENCY



062057

DATE 18 JUL 1991

GUILDBOURNE HOUSE
WORTHING

1. REGIONAL REVIEW 1990/91

FOREWORD BY THE REGIONAL GENERAL MANAGER

The last year has been hectic for NRA Southern Region, both in terms of further establishing itself as an organisation becoming more independent from the WSPLC and operationally in having to face continued drought and severe winter storm conditions in addition to meeting the targets set in last years Corporate Plan.

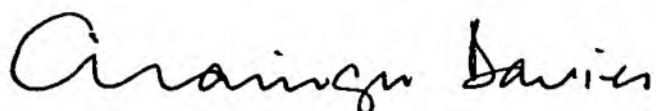
Virtually all employees are now accommodated in NRA premises on NRA sites, the regional headquarters having recently been refurbished and presenting a strong National identity. Additional staff and new technology are equipping NRA Southern to face the complexity of challenges concerning our water environment.

The region has already established a biology laboratory in Canterbury and preparations are well advanced for a major laboratory in Hampshire, due to become operational later in the year. Our improved capability has enabled effective monitoring of pollution in controlled waters, coupled with enforcement of standards, for example, the successful prosecution following a major groundwater pollution incident. Despite such successes we aim to further strengthen water quality monitoring and plans are well advanced for the introduction in July 1991 of the Charges for Discharges scheme.

Our powers have been further demonstrated in the field of water resources where, for the first time in this Region for 14 years, a successful prosecution has been made for illegal abstraction. Such actions are particularly significant as drought conditions continue to threaten the Region. With the co-operation of the Water Companies we are now better equipped to manage the region's water resources, and already have in place detailed demand forecasts and an agreed water resource development policy.

Whilst on the one hand the region has faced drought, on the other, severe winter storms have caused serious damage to our sea defences. Our flood defence staff continue in their endeavours to maintain all sea defences to standard. Furthermore, to ensure we can effectively undertake our duties, Coastal Liaison Groups have been established together with a 24 hour Regional Emergency Control System. Works have been, and will continue to be undertaken in sympathy with the environment. Indeed, the importance we attach to satisfactorily reconciling conflicts which may arise between each functional area of the water environment has been instrumental in our progressing integrated River Catchment Management Planning. Already, initial plans for six catchments have been largely completed.

I began by saying what a hectic year it has been. Southern Region has been remarkably successful in fulfilling its role as 'Guardian of the Water Environment'. This success has been due to the hard work and enthusiasm displayed by the entire workforce of Southern Region. To all of them I express my admiration and gratitude.



GRAINGER L DAVIES
Regional General Manager
SOUTHERN REGION

2. SUMMARY OF KEY ACHIEVEMENTS 90/91

REGIONAL/CROSS FUNCTIONAL

During 1990/91 the NRA Southern Region achieved the following:

- * Assumed full responsibility for all NRA functions in R Darent and R Cray catchments.
- * Progressed River Catchment Management Planning activity in accordance with National Policy with initial plans for six catchments largely completed.
- * Developed a Regional Emergency Control System with the Regional Control Room now fully equipped.

WATER RESOURCES

- * Co-ordinated the response to a major drought, with the NRA successfully promoting the introduction of a stepped series of measures balancing impact on the consumer with impact on the environment.
- * Developed a twelve point regional water resources policy in liaison with the Water Companies and contributed towards the formulation of a national strategy.
- * Published demand forecasts across the region - central to resource allocations in connection with proposed schemes at Darwell, Broad Oak and in Hampshire.
- * Successfully prosecuted for illegal abstraction for the first time in 14 years.
- * Appointed licence inspectors in all districts.

POLLUTION CONTROL

- * Instituted comprehensive monitoring of all 65 of the Regional designated bathing waters.
- * Acquired a Regional Laboratory on terms which will enable operations to commence in June 1991.
- * Successfully prosecuted the Mid-Sussex Water Company and Southern Water Services Limited.

FLOOD DEFENCE

- * Restored effective sea defences at all locations where damage was suffered in the winter of 1989/90.

FISHERIES

- * Carried through a Rod Licence Tariff Review with the full support of the Regional Fisheries Advisory Committee, this will increase income to cover 66% of expenditure.
- * Fulfilled recommendations of the Allen report in completing fish passes on the Hampshire chalk streams.

RECREATION

- * Doubled the effective area of operation of the unique Medway Project.

NAVIGATION

- * Completed Medway lock restoration.

PUBLIC RELATIONS

- * Responded positively to public concern over a perceived deterioration in Hampshire chalk streams, generating an improved understanding of the factors influencing their well being.
- * Concluded, at ceremonies in Worthing in May and in Douai in September, an agreement for co-operation and sharing of expertise with the Agence de L'Eau-Artois Picardie.

PERSONNEL

- * Established the Regional Joint Committee and The Health and Safety Committee.

ESTATES MANAGEMENT

- * Completed computerisation of Estates Terrier property record system!

3. SOUTHERN REGION - FACTS AT A GLANCE

	VALUE	% NATIONAL TOTAL	REGIONAL RANKING
GEOGRAPHY			
Total Area (km ²)	10550	7.0	8
Population (m)	4.5	8.9	5
ENVIRONMENT			
Main river (flood defence) (km)	2748	7.7	6
Length Classified river (water quality) (km)	2010	4.8	10
Area floodplain (km ²)	1240	0.1	9
Area land below sea level (km ²)	100	1.3	6
Length of estuary (flood defence) (km)	382	16.3	3
Length estuary (water quality) (km)	382	14.3	4
No water supply reservoirs	8	2.1	10
No inland waters (>5ha)	0	0	10
Length coastline (km)	898	20.7	2
No EC designated bathing waters	67		
ISSUES AND ACTIVITY LEVELS			
No licensed abstractions (all types)	2715	6.0	9
No pollution incidents (cat 1 & 2)	245	2.5	8
No consented discharges (all types)	9338	*	*
Length of Class 4 river (km)	18	2.9	8
Length of NRA defences (river, estuary, sea)	497	18.8	2
Length classified fishery - salmonid	205.5	1.7	10
- non-salmonid	278.2	3.6	6
No of licences - rod**	126498	9.9	4
- net	6	0.2	10
NRA recreation facilities (no all types)	24	4.2	5
No of SSSIs (river, estuary, coastal)	123	*	*
Length of navigation maintained (km)	36	*	*
No of craft licences issued	2150	4.9	3
Planning apps screened by Region	3030	3.9	7
RESOURCES			
Finance - Total income (all activities)	27.7		
- Total expenditure £m	38.1		
- DoE Grant in aid £m	7.3		
- MAFF Capital grant £m	3.0		
Employees - Total (FTE)			
- % non-manual in Region	361		
- % manual in Region	269		
Emergencies workforce			
- Flood defence (Noble number)	224	11.8	5
- Pollution control (F/T and standby =)	136	*	*

NOTES: * National figures not available

Figures quoted are as given in 1990/91 Regional Statistics

Finance data subject to completion of final accounts.

** Includes 43000 supplementary licences for a second rod

4. CORE FUNCTION REVIEWS

4.1 WATER RESOURCES

1) Drought Management

- * Co-ordinated the introduction of restrictions on supply and with the Water Companies negotiated appropriate environmental protection measures to mitigate relaxations on abstraction conditions under section 131 of the Water Act. Hosepipe bans remained continuously in force all year throughout most of Kent. These were supported by a publicity campaign reaching local press, radio and local television.
- * Introduced restrictions on abstraction for spray irrigation under section 45 of the Water Resources Act 1963 in the River Stour and Romney Marsh areas.

2) Charging, Regulation and Enforcement

- * Recruited licence inspectors in all Districts, training them in monitoring and enforcement procedures. Over 140 warning letters were sent to offenders and three successful prosecutions were taken for illegal abstraction.
- * Led the National Abstraction Charges Project team until March 1991.
- * Established a PC database of abstraction and impounding licence information.

3) Water Resource Planning

- * Published detailed forecasts of public water supply demands up to the year 2011 for each of the seven Water Companies in the Region. These incorporated results from the NRA's analysis of domestic consumption in the water supply Control Areas.
- * Agreed a 12 point water resource development policy, a contribution to the national policy formulation.
- * Retained consultants to advise on the Broad Oak and Darwell reservoir developments. Technical reports covering hydrology, environmental impact, domestic metering, and climate change were produced and reviewed.
- * Developed in conjunction with the Water Companies, a Resource allocation computer model for Kent.

4) Major Capital Schemes Including Low Flows

- * Reconstructed the electromagnetic flow gauge on River Test, severely damaged by storm.

- * Started investigations into alleviating Low Flow conditions in the Wallop Brook, Bourne Rivulet and River Darent. This included drilling new observation boreholes.
- 5) Other Operational Management
- * Operated the Candover river augmentation scheme for the second year in succession. It is designed to be used 1 year in 5 on average.
 - * Test pumped the Alre Scheme prior to application for licencing.
- 6) Source Protection
- * Updated and extended the existing Southern Region Aquifer Protection Policy into the Darent and Cray catchments.

4.2 POLLUTION CONTROL

- 1) Major Pollution Incidents and Prosecutions
- * Established fully effective response to incidental pollution throughout the Region on a 24 hour basis.
- 2) Charging, Regulation and Enforcement
- * Established data base for implementation of charging for discharges.
 - * Implemented charging for applications for consent to discharge.
- 3) Monitoring of Controlled Waters
- * Completed 1990 River Quality Survey.
 - * Monitored all EC bathing waters in accordance with NRA improved monitoring requirements.
 - * Established a computer database for sampling and analysis.
- 4) Laboratories
- * Established Biology Laboratory in Canterbury and completed construction, fitting out and staffing of a major Laboratory near Havant, Hants.
- 5) Quality of Controlled Waters (by water type)
- * Updated and improved groundwater quality archive.

6) Pollution Prevention, Litter and Other Campaigns

- * Undertook negotiations for major effluent quality improvements according to priority for compliance with water quality objectives.
- * Took part in DOE litter campaign.

4.3 FLOOD DEFENCE

1) Flood Warnings and Major Flooding Incidents

- * Established a comprehensive 24 hour Regional Emergency Control System.

2) Major Capital Schemes

- * Completed Phase 1 of the Pennington Sea Wall Reconstruction scheme.

3) Other Operational Activities

- * Established Coastal Liaison Groups with local authorities etc, covering the whole length of the Region's coastline.
- * Participated, with consultants and Brighton Polytechnic, in initiatives for the application of GIS to coastal defence data.
- * Through the National Sea Defence Survey assessed the conditions and adequacy of all tidal and sea defences for which the NRA is currently responsible, laying down plans for appropriate remedial action.
- * Continued effective planning liaison in the face of increasing development in the South East.

4) Charging, Regulation and Enforcement

- * Instituted charging for consents under the Land Drainage Act 1976.

4.4 FISHERIES

1) Regulation and Enforcement

- * Reviewed Rod Licence charges and introduced a new tariff.

2) Monitoring and Surveying

- * Completed 50 routine fish stock surveys at standard sites.
- * Completed survey of siltation of salmon spawning areas in the River Test.

- * Completed first stage of salmon tracking studies for Hampshire rivers.

3) Quality of Fisheries

- * Carried out a programme of fish rescues in response to Drought Emergency.

4) Habitat Improvement

- * Completed 3 new fish passes.
- * Improved selected salmon and trout spawning areas in the River Test.

4.5 RECREATION

Improvements

- * Successfully negotiated the use of non-owned land for recreational purposes.
- * Medway Project extended to upper Medway Estuary and accepted as a model for other rivers by the RRAC.

4.6 CONSERVATION

1) Surveys and Appraisal

- * Extension of river corridor surveys to establish a comprehensive conservation data base.

2) Liaison, Advice and Promotion

- * Established liaison with conservation bodies throughout the Region.
- * Undertook 6 joint projects to promote and enhance conservation.
- * Actively supported the Tidy Britain Year 1990.

4.7 NAVIGATION

1) Regulation and Enforcement

- * Extended registration into off-river marinas and instituted rent increases thus increasing income to the Medway Navigation.

2) Facility Operation and Maintenance

- * Concluded an agreement with ARC Ltd for the construction of a marine-dredged aggregate facility at Rye Harbour.

3) Improvement Projects

- * Supported and encouraged the R. Medway Project.
- * Completed Medway lock restoration.

5. SUPPORT SERVICE REVIEWS

5.1 ADMINISTRATION

- * Opened new district office at Leigh.
- * Completed Southern Regions' Head Office refurbishment - presenting a strong NRA corporate identity.

5.2 LEGAL SERVICES

- * Carried out successful prosecutions following pollution, fisheries, navigation and abstraction offences.
- * Completed a land exchange to mitigate the affects of the Aldington barrier.
- * Participated in Regional and National training of Water Quality staff.

5.3 ESTATES MANAGEMENT

- * Completed computerisation of Estates Terrier property record system.
- * Agreed purchase of Rippers Cross House, severely affected by Phase II of the Ashford Flood Alleviation Scheme.
- * Successfully negotiated rent increases with particular reference to fishing rights.

5.4 PUBLIC AND MEDIA RELATIONS

- * Sustained growth in the number of enquiries from public and press reflect the growing awareness of the NRA.
- * Supported media, educational and other public interest in the work of the NRA.
- * Formulated a regional PR strategy including a strategy for crisis management.

5.5 PLANNING

- * Established a Corporate Planning team and successfully produced Southern Region's input to the NRA Corporate Plan.
- * Progressed River Catchment Management Planning activity in accordance with National Policy with initial plans for six catchments largely completed.

5.7 INFORMATION SYSTEMS

- * Completed I.S. facilities at Headquarters and District Offices to enable the use of software packages so reducing the regional dependence on Southern Waters Plc mainframe facilities.

- * Progressed development of appropriate application systems in harmony with National IS Strategy.

5.8 PERSONNEL

- * Set up a Regional Joint Staff Committee and a Regional Joint Industrial Committee for manual and non-manual staff.
- * Established a Regional Health and Safety Committee.
- * Continued training and development of staff, including hosting a National Graduate Development Programme.
- * Withdrew long service award thus establishing parity with other regions.

5.9 FINANCE

- * All the main targets for budget preparation, reporting and charge setting were achieved.
- * Cashflow was improved during the year by use of better systems which enable earlier billing and follow up procedures to be achieved.

6. REGIONAL COMMITTEE REPORTS

6.1 REGIONAL ADVISORY BOARD

During the past year the Board has met on a monthly basis apart from August and December.

The membership of the Board has remained unchanged since its inception but more meetings have been attended by Regional Managers and some other Regional senior staff in respect of certain items with which they were particularly concerned. Dr Bowman, Chief Executive, has attended the October 1990 meeting.

The Board received and considered the Minutes of all the other Regional Committees that met during this period.

Principal matters considered during the second year of the Board's existence included:

- (a) River Darent
- (b) Water Resources Strategy
- (c) Abstraction Charges
- (d) Tripartite Sampling
- (e) Local Flood Defence Committees
- (f) Rye Harbour Management Plan
- (g) Artois Picardie
- (h) Woodmill Pool
- (i) River Dun
- (j) Corporate Plan
- (k) Strategy for Public Relations
- (l) River Test
- (m) Charges for Discharges
- (n) Harmonisation of Committee Meetings
- (o) I.S. Strategy
- (p) Regional Drought Policy - Summer 1991

Regular reports were also received on effluent quality, capital programme position and river water quality and water situation. Each meeting also received a detailed report by the Regional General Manager on progress achieved during the preceding period. Similarly the Chairman at each meeting brought the Board up to date on the important matters that had been discussed by the Board at Head Office.

Meetings of the Board have continued to be of a peripatetic nature; on balance every other meeting being away from the Regions Worthing Headquarters and in the past year the Board has visited District Offices at Tonbridge (Kent), Winchester (Hampshire), Leigh (Kent) and Chichester (West Sussex).

6.2 REGIONAL RIVERS ADVISORY COMMITTEE

During this second year of the Committee's life, Members had developed their expertise and deliberations on matters demonstrated that the Committee were now far more knowledgeable about NRA concerns and responsibilities.

The Committee has had three meetings since the last Review, as follows:

5 June 1990 (at Tonbridge)
30 October 1990 (at Worthing)
11 January 1991 (at Worthing)

The meeting at Tonbridge was combined with an inspection of a number of stretches of the River Medway, thereby affording Members an opportunity of seeing some of the problems and successes in relation to the Committee's recreation and conservation objectives. Litter was one item which had particularly concerned the Committee and evidence of the scale of this nuisance was seen at one of the areas inspected. The Committee were impressed with what had been achieved by the Authority's Medway Project Officer in liaison with the relevant local authorities.

The Regional Chairman (Mrs Karen Morgan) and the NRA's Director of Technical Services (Dr Clive Swinnerton) each attended one of the three meetings.

Membership of the Committee remained almost unchanged as only two resignations were received during the past year. Both vacancies were filled without undue delay by persons of relevant knowledge and experience.

Amongst the major items discussed by the Committee during the period under review were:

- (a) Regional Demand Forecast for Public Water Supply
- (b) River Catchment Management Plans
- (c) The Future of Rural Society
- (d) Water Resources Development in Kent
- (e) NRA Corporate Plan 1990/91
- (f) Litter
- (g) Charges for Discharges
- (h) Discharge Consent and Compliance Policy
- (i) Bathing Beaches Improvement Programme
- (j) Royal Military Canal - Pedestrian Access
- (k) Water Resources Planning and Policy in Southern Region
- (l) River Test - Further Action
- (m) Constraint on Further Chalk Groundwater Abstraction
- (n) Medway Navigation - Revised Charges

In addition the Committee received the usual regular information reports on the water situation and on water quality, the former of which continued to give cause for concern for the future of summer river flows and the difficulties this would create for fishlife.

6.3 REGIONAL FISHERIES ADVISORY COMMITTEE

During the year under review this Committee met on the usual three occasions, as follows:

31 May 1990
18 October 1990
17 January 1991

In October Members were invited to attend a forum meeting at Winchester to discuss the condition of the River Test. This was chaired by Mrs Karen Morgan and attended by Lord Crickhowell.

The May meeting was held at Uckfield and was combined with an inspection of several sites of fisheries interest in Sussex, which had been selected by the Chairman of the Sussex Fisheries Advisory Committee (Dr B I Lindsey).

Membership of the Committee remained unchanged from the previous year. Membership of the Kent Fisheries Advisory Committee was one matter which arose as two vacancies had to be filled by the Regional Committee, one of which was to provide for representation of the River Cray area which had been added to Southern Region's jurisdiction.

Each of the three County Fisheries Advisory Committees (for Hampshire Sussex and Kent) who report to the Regional Committee had their customary three meetings during the same twelve months period. Minutes of those meetings were duly received and approved by the Regional Committee.

Since the previous year, when it was reported that closer links had been established with Sea Fisheries Committees, attendance by this Region's representatives to Sea Fisheries meetings had been reduced to one area (ie Sussex) as meetings of the Kent and Essex and Southern Committees were being attended by a representative from other NRA Regions.

The year saw the following reports being presented to the Committee:-

- (a) Fishing Licence Fees 1991/92
- (b) NRA Corporate Plan 1990/91
- (c) Improvements to Fisheries Service: (12 points were discussed and progress subsequently made formed the subject of later reports)
- (d) Honorary Bailiffs
- (e) Sea Fisheries Membership

In addition, the Committee received regular information reports on the Water situation, fisheries activities and water quality.

6.4 REGIONAL FLOOD DEFENCE COMMITTEE

Only two meetings of the Committee were held during the twelve months under review instead of the usual three, as follows:-

27 June 1990
12 December 1990

This arose because of alterations to the timetable for committee meetings, in order to achieve a degree of harmonisation between all the Regions Committees and those of Head Office, with particular reference to discussion on certain items such as the Corporate Plan and Capital Programme. The rescheduling of meetings of the Committee will mean that in future years three meetings will be held in the months of January, July and September.

During the year the former long-serving Chairman Mr Henry Harris retired and was replaced by Mr G D Neame who had previously been Chairman of Kent Local Flood Defence Committee.

Apart from this, membership of the Committee changed very little during the year; the only other important development being the appointment by MAFF of a Member to represent environmental interests. The same Member (Dr T J H Bines) employed by the English Nature was also appointed to the Kent Local Flood Defence Committee.

The Committee considered and approved Flood Defence Levies for 1991/92 and also approved the Medium Term Plan.

Approval was also given during the year to institute consultations with all relevant local authorities and organisations to increase to six the number of seats held by Kent County Council on the Kent Local Flood Defence Committee, as this place under the provision of the Region's Local Land Drainage Scheme, was held by the now defunct Greater London Council.

Reports received by the Committee during this period included:-

- (a) Scheme of Delegation
- (b) Financial Report
- (c) Grant Aided Capital Expenditure 1990/91
- (d) Storm Damage Emergency works
- (e) Grant Earning Ceilings
- (f) Sea Defence Study
- (g) Allocation of Head Office Costs
- (h) Internal Drainage Districts
- (i) Land Drainage Act 1976: Sections 28 and 29 - Fee with Consent Applications
- (j) Meetings of Regional Flood Defence Committee Chairmen
- (k) Corporate Plans - Executive Summary

The Committee also received regular reports on progress of works and on water situation.

APPENDIX A

REGIONAL COMMITTEE CHAIRMEN AND MEMBERS

(the nominating organisation, where appropriate, is given after each name)

1. REGIONAL ADVISORY BOARD

Mrs Karen Morgan	Chairman
Mr M A C Drummond	
Mr C D Neame	
Mr A Humbert	
Mr G L Davies	Regional General Manager

2. REGIONAL RIVERS ADVISORY COMMITTEE

Mr M A C Drummond	Chairman
Mr C D Neame	Chairman - MAFF
Mr A Humbert	Ex-officio - NRA
Mr D W Gibson	Deputy Chairman - CLA
Mr C I Dempster	CCPR
Mr B Tarling	CBI
Mr C G Saunders-Davies	NFU
Mrs S F Whitley	County Councils
Mrs E Haselden	District Councils
Dr M Clarke	RSPB
Mr J Wilkinson	Sports Council
Mr B A O Hewett	Southern Water plc
Mr E J Pipe	Solent Protection
Mr H J Barnhoorn	Water Companies Association
Mr D S Martin	British Field Sports Association
Major I G Duffin	Ramblers Association
Ms L Leeson	Countryside Commission
Mr B C Williams	British Paper and Board Industry Federation
Mr D H Harvey	English Nature

3. REGIONAL FLOOD DEFENCE COMMITTEE

Mr C D Neame	Chairman - MAFF
Mr A Humbert	Deputy Chairman - NRA
Mr M A C Drummond	Board Member
Mr I R F Hammond	MAFF
Lt Col G H Hart	East Sussex County Council
Major T T Holden	Kent County Council
Mr S Leyland	Hampshire County Council
Mr R T Millard	Hampshire County Council
Mr D G L Monnington	MAFF appointee
Mr M F Odling	Kent County Council
Mr H J Richards	MAFF appointee
Dr T J H Bines	English Nature
Mr T J Sobey	MAFF appointee
Mr C L Tandy	London Boroughs
Mr C Whaley	Isle of Wight County Council
Mr D W Whyberd	West Sussex County Council
Mr S K Ranger	Kent County Council

4 ISLE OF WIGHT LOCAL FLOOD DEFENCE COMMITTEE

Mr H J Richards		Chairman
Mr M S Boswell	}	
Mr J S Osman	}	Regional Flood Defence Committee
Mr E Taylor	}	
Mr J Cleaver	}	
Mrs J E Augustus	}	
Mr B H Drake	}	
Mr K Guy	}	Isle of Wight County Council
Mr P H Leyton	}	
Mr P G Taylor	}	
Mr R A S Cowley	}	

5 HAMPSHIRE LOCAL FLOOD DEFENCE COMMITTEE

Mr R T Millard		Chairman
Major B W Jepson-Turner	}	
Mr G Russell	}	Regional Flood Defence Committee
Mr R K Ockenden	}	
Mr I R F Hammond	}	
Mr W R Allee	}	
Mr A E J Shotter	}	
Mr J M A Gibson	}	Hampshire County Council
Mr S Leyland	}	
Cdr K F Rogerson	}	
Mr P R C Russell	}	

6 SUSSEX LOCAL FLOOD DEFENCE COMMITTEE

Mr D G L Monnington		Chairman
Mr D W Passmore	}	
Mr J C Allen	}	Regional Flood Defence Committee
Mr C J Davies-Gilbert	}	
Mr D Greenwood	}	
Mr G Collinson	}	
Mr D W Whyberd	}	West Sussex County Council
Major F W Wilson	}	
Mr W N Williams	}	
Lt Col G H Hart	}	East Sussex County Council
Mr P Wallis	}	

7 KENT LOCAL FLOOD DEFENCE COMMITTEE

Mr T J Sobey	Chairman
Dr T J H Bines	} Regional Flood Defence Committee
Mr P F Clubb	
Mr I F Goodhew	
Mr A R A Mackay	
Mr M Tapp	
Mr R Bezant	
Mr K E Horton	} Kent County Council
Major T T Holden	
Mr M E Odling	
Mr J M Tucker	
Mr S K Ranger	
Mrs A H Moore	East Sussex and Surrey County Councils
Mr C L Tandy	London Boroughs of Bexley, Bromley and Greenwich

8 REGIONAL FISHERIES ADVISORY COMMITTEE

Mr A Humbert	Chairman - NRA
Mr C D Neame	Deputy Chairman - NRA
Mr M A C Drummond	Ex-officio - NRA
Mr B E Aldrich	Hampshire Water Keepers Association
Mr D N Brunwin	Kent Fisheries Chairman
Mr A L Costen	Southern Counties Federation of Angling Clubs
Dr J L Cotton	Salmon and Trout Association
Mr I P E Gay	NFU - Trout Farmers Association
Dr B I Lindsey	Sussex Fisheries Chairman
Mr J Parkman	Commercial Trout Fishery
Mr J W Potter	Hampshire Fisheries Chairman
Mr F Reader	National Federation of Anglers
Mr B Stott	Institute of Fisheries Management
Major J L Thomas	Sea Fisheries Committees

9 HAMPSHIRE FISHERIES ADVISORY COMMITTEE

Mr J W Potter	Chairman - Test and Itchen Fishing Association
Mr P W Bishop	(Deputy Chairman) - District Angling Society
Mr W M M Baron	IOW and Hampshire Naturalists Trust
Mr R Stacey	PSFFA
Mr M Lunn	Fish Keepers - Houghton Club
Mr D Owen	Leckford Estates
Lt Cdr P Jeffreys	Brockenhurst Angling Club
Mr A E J Shotter	Hants LFDC & Southern Sea Fisheries Committee
Mr I N de Gruchy	IOW Fisheries
Mr R Cook	Coarse Anglers
Mr J Branford	Sparsholt College
Mr I G Veal	Commercial Fishery Management

10 KENT FISHERIES ADVISORY COMMITTEE

Mr D N Brunwin	Chairman
Mr A E Hodges	(Deputy Chairman) - Kent ACA
Mr B J Turner	Kent Anglers Consultative Association
Mr T H Brown	Sea Fisheries
Mr C R Davis	Commercial Fisheries
Mr J W Martin	Game Fishery
Mr T J Sobey	Kent Local Flood Defence Committee
Mr R Monk	Cinque Ports AD
Mr R Meares	Kentish Stour Conservation Group
Mr R Ledwidge	Edenbridge AS
Mr P Bolas	Kent Trust for Nature Conservation
Mr J Perkins	

11 SUSSEX FISHERIES ADVISORY COMMITTEE

Dr B I Lindsey	Chairman - Advanced Biology
Mr A R F Barnard	Sussex Anglers
Dr J L Cotton	Ouse Preservation Society
Mr R W Page	Sea Fisheries
Vacancy	Nature Conservancy Council
Mr W N Williams	Sussex Local Flood Defence Committee
Mr K Wilson	Crowborough and District Angling Society
Mr A W Bates	(Deputy Chairman) - London & SE Federation of Anglers
Mr P J Ellis	Sussex Anglers
Mr J Greenhalf	Clive Vale Anglers
Mr J Stone	Seaford Angling Club
Vacancy	

12 HARBOUR OF RYE ADVISORY COMMITTEE

Mr R K Breeds	Chairman - Rye Town Council
Mr D G Bentley	Deputy Chairman - Commercial Interests
Mr W J Alsford	Commercial Interests
Mr W J Bulpitt	Commercial Interests
Mr D J Phillips	Commercial Interests
Lt Cdr J C Royle	Commercial Interests
Mr N Varley	Commercial Interests
Mr M A Alford	Icklesham Parish Council
Mr E H Brooker	Rother District Council
Mr R Pulford	Rother District Council
Mr C F Durell	Nature Conservancy Council
Mr A R A Mackay	Kent Local Flood Defence Committee
Mr J A Collard	Royal Yachting Association
Mr A C Miller	Royal Yachting Association
Mr C Harvey	Royal Yachting Association
Mr P W Pemble	Sussex Sea Fisheries Committee
Mr J M Wall	Rye Fishermans Society
Mrs J G Yates	East Sussex County Council

13. RESIGNATIONS

Mr H J L Harris
Ms P Edwards
Mr M Lockhart
Mr L G S Shirley
Mr G Wilson
Mr R McGregor
Mr D H Harvey

RAB, RRAC, RFDC & RFAC
NCC
Sports Council
KCC
IOW FDC
Kent FAC
Sussex FAC

14. APPOINTMENTS

Mr C D Neame
Mr J Wilkinson
Dr T J H Bines
Mr T J Sobey
Mr J M Tucker
Mr R Monk
Mr J Perkins
Mr D H Harvey

Chairman RFDC to RAB, RRAC and RFAC
to RRAC
to RFDC and KFDC
to Chairman, Kent FDC
to Kent FDC
to Kent FAC
to Kent FAC
to RRAC

APPENDIX B

SENIOR OFFICERS AND PROFESSIONAL ADVISERS

Regional General Manager	:	G L Davies
Environmental Manager	:	M J Beard
Principal Scientific Officer	:	J R Wharfe
Principal Water Quality Officer	:	I S Gascoine
Regional Fisheries Officer	:	J R Chandler
Flood Defence Manager	:	G M West
Regional Planning Engineer	:	D J Martin
Regional Operations Engineer	:	A J Branch
Resources Manager	:	P W Herbertson
Principal Resources Officer (Catchment Management)	:	G D Warren
Principal Resources Officer (Data and Modelling)	:	G A Burrow
Finance Manager	:	K B Hodgson
Principal Accountant	:	J W Spendlove
Information Systems Officer	:	P Stafford
Secretary	:	T M King
Principal Solicitor	:	M J Davies
Personnel Manager	:	V G Smith
Regional Administration Manager	:	R A Leng
Estates Surveyor	:	C S Gerry
Public Relations	:	
Public Relations Officer	:	Dr B R Buckley

APPENDIX C

REGIONAL PUBLICATIONS AND PUBLICITY MATERIAL

Regional Brochure

A Guide to Southern Region

Agricultural Pollution - a series of Advisory Leaflets on Silage, Sheep Dip, Oil, Slurry Storage and Slurry Disposal

User Guides: Fishing in the South
Guide to Rye Harbour
Guide to the Medway Navigation

Longshore Drift - The Beaches are on the move

Importance of Rainfall

Staff News Sheet: On-Stream

Brochures: River and Effluent Quality, Abstraction Charges Scheme

Regional River and Coastal Information

Fisheries Newsletter: Southern Angle

Information Sheets for educational purposes covering water quality, resource management and flood defence.

Information booklet: Water and the Environment in Times of Drought