

1994/95 CORPORATE PLAN

**SUBMISSION BY SEVERN-TRENT REGION -
OUR FORWARD LOOK FOR 1994/95 - 1996/97**

JANUARY 1994



ENVIRONMENT AGENCY

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RGMs EXECUTIVE SUMMARY

PROGRESS 1993/94

The Region has performed well during 1993/94 in that we have achieved most of our planned operational improvements but it is becoming increasingly difficult to make water quality improvements on the ground. The Water Quality Function has been underfunded by approximately £2¼M per year nationally which is having a detrimental impact in the Region as important work is being cut back. In particular, we have the highest number of pollution incidents whilst inspections are having to be reduced.

National Aims and Targets were translated into personal targets through the appraisal process. Thus targets contained in the Region's Management Action Plan cover Citizen's Charter, Environmental Policy, Efficiency Savings, each Function and Business Services. As at October 1993, of the 256 targets due for completion within the financial year, 226 were on programme and only 30 were delayed - 21 due to Region and 9 due to Head Office.

In November 1993, £2.777M of the Flood Defence balances was refunded to local authorities and Internal Drainage Boards in line with the policy to reduce balances. Problems such as approvals difficulties with MAFF, the new EC Procurement Directive and postponement of the buyout of manual employees terms and conditions had led to the build up of balances. In December 1993 £0.8M additional MAFF grant for previous years was received for flood protection schemes where formal approval had been delayed. The net effect is that balances will be reduced to 7% by March 1994 and to 5% by March 1995 by reducing the levy for 1994/95.

The Water Resource balances are expected to be £5.0M at March 1994. This includes provision for infrastructure and maintenance at Clywedog Reservoir which a recent survey showed would not be required. By reducing charges by approximately one third, balances will reduce to zero by March 1995. Charges will then need to be increased significantly in 1995/96.

The preparation of Catchment Management Plans is now an Area responsibility. The programme is due for completion by March 1998. The total number of Plans has been reduced by combining a number of adjacent catchments. Liaison has improved with regional planning bodies and with local planning authorities through presentations and personal contact.

The National Groundwater Centre based in the Region has been established for over a year. The Centre has had one post filled so far by contract, with the Region supplying 1½ FTEs to cope with the work. The six main activities planned for 1993/94 are progressing satisfactorily. This includes the Must Do 1993/94 project on Groundwater Protection Policy for which the Centre has provided support through training, presentations and implementing the Vulnerability Map production. The other five activities are Groundwater Protection Zone Mapping (Phase I and II); Nitrate Directive and NSAs; Groundwater Recharge and Groundwater Yield Methodology; Monitoring and Classification of Groundwaters and Groundwater Modelling Review.

Resourcing the National Groundwater Centre has led to an underspend on Water Resource revenue activities because of manpower control totals preventing further recruitment. Work in the Centre will be constrained by the manpower control totals in 1994/95. The Region needs to be allocated 2 FTE above the manpower control total to allow the National Groundwater Centre programme of work to be maintained.

Key Successes

- 11km of River Tame have been upgraded from Class 4 to Class 3.
- Water quality of the River Trent has improved downstream of Nottingham and now complies with the EC Fisheries Directive.
- Completion of a major programme of Pumping Station refurbishments in Lower Trent Area - in particular Keadby Pumping Station.
- Completion of Purton to Frampton Phase 2 flood embankment fronting Slimbridge is an example of a high degree of integration between Flood Defence and Conservation and incorporated a proportion of "managed retreat".
- The Flood Defence Capital Programme should be achieved within £0.8M despite an initial phase of slow approvals by MAFF (now much improved) and slippage of the Flood Defence Management System national project.
- Publication of "Planning Liaison with Local Authorities" which provides detailed arrangements between Areas and Local Planning Authorities.
- Regional Water Resources Strategy published which will support the National Resource Strategy
- Regional restructuring was introduced on 1 April 1993 to enhance the operational activities of all NRA functions and was completed by July 1993.

Failures

- We have not achieved the OPM target for percentage of abstraction licence applications determined in the statutory period. This is due to a backlog of applications, some of which required extensive investigation and modelling, which will largely be resolved by the year end. The Region is meeting its targets on new applications.

KEY ISSUES AND PRIORITIES

- Review effluent and controlled waters monitoring programmes to enable resources to be transferred to pollution prevention work.
- Target the storage and disposal of oil and agree abatement plan with the Petroleum Inspectorate of the local authorities.
- The Water Quality manpower shortfalls identified in the 1993/94 Corporate Plan Submission have not been resourced. Cut-backs made on site inspections and planning liaison in 1993/94 will continue through into the 1994/95 Plan. This is very much to the detriment of the pollution prevention activity and could lead to future problems such as increasing numbers of pollutions.
- The Financial Planning Spreadsheets reflect the market testing saving for the laboratory (page 19). However, the Output and Performance Measure for Total Cost of Analyses/Determinations was based on the indicative average cost per determination of £3.70 and shows the 1994/95 total cost £418k above that which can be financed despite the number of determinations reducing from 1993/94. The proposed Laboratory charges need to be reviewed urgently.
- It seems that the outcome of Severn-Trent Water Plc's Asset Management Plan (AMP2) is likely to mean the Region's plans for the next five years will not be realised which will result in less improvements to river quality and poor public image for the Authority.
- The capping of Water Resource Capital expenditure has delayed the completion of the Shropshire Groundwater Scheme Stage 3 and extended the construction programme of strategic flow gauges.
- Review of the river needs in the Severn and Trent catchments to ensure that operational control rules and licence conditions meet the river uses.
- Complete negotiations in respect of the buyout of flood defence manual employee's terms and conditions
- Develop Flood Defence costing systems to demonstrate that the Emergency Workforce is providing Value for Money.
- Complete 33% of the Section 105(2) Survey including asset surveys, floodplain mapping and flooding problem surveys.
- Completion of Calverton Fish Farm expansion by May 1994 to provide a national rearing facility particularly to provide two and three year old fish. Stokesay Weir and Diglis Weir Fish Passes, Egginton Weir Repair and other fisheries rehabilitation schemes will now be carried out in subsequent years subject to funding availability.
- The Region has a customer relations problem because fisheries income is increasing whilst revenue expenditure is having to decrease. Fisheries activities will be reviewed to improve services and support to the angler.
- Acceleration of Catchment Management Plan Programme to 4 per year (1 per Area) to provide a key basis for all future riverine issues.

- Completion of Local Area Networks in June 1994 will create flexibility and efficiency savings.
- Completion of the Shrewsbury Office extension in July 1994 will enable portacabins to be removed. Preparation of the business case and contract document for the refurbishment/redevelopment of the Nottingham office. If the Region cannot fund this project because of the requirement to fund "Must Do" projects, this will frustrate our ability to preserve an adequate accommodation stock.
- Specialist Staff resources will be heavily involved with the Market Testing exercise and national IS, especially WAMS.

USE OF RESOURCES

Spending Plans

Income

Fisheries are expected to generate £283k more income in 1994/95 and £342k more in 1995/96 than our indicative Corporate Plan figures. This is due to a higher level of licence sales than planned. Income from fish licences is national income and is not, therefore, available for additional regional expenditure.

Water Quality income is expected to be £104k below the indicative figure for 1994/95 and £339k above for 1995/96. This indicative figure showed income falling whereas it is expected to remain constant.

Expenditure

Flood Defence has adequate funding and balances will be reduced to 5% by March 1995 by reducing the levy in 1994/95.

Water Resources has adequate overall funding and balances will be reduced to zero by March 1995 by reducing charges by approximately one third. Water Resources capital spending is currently capped at £1,020k but £1,576k has been programmed in anticipation of additional funding for Shropshire Groundwater Phase 3 and strategic gauging stations being available following the final bid deliberations at Head Office. The allocation of multifunctional capital has increased from £226k in last years plan to £587k due to the 45% contribution to WAMS.

Fisheries revenue expenditure will have to decrease by £80k in 1994/1995 and £250k in 1995/96.

Recreation capital expenditure will only be available through the sale of assets and a £30k compensation payment expected from British Rail in 1994/95 for the loss of access at Three Rivers, Lower Trent Area.

The Region can fund WAMS and IAS as well as the LAN for the regional and main area offices.

The redevelopment/refurbishment of the Trentside Office has been estimated to require £679k in 1995/96 and £1,246k in 1996/97 which is not included in the budget.

EFFECTIVE SERVICE DELIVERY

REGIONAL ORGANISATION

We have created four cross-functional areas each headed by a locally-based Area Manager. This has achieved a better and more responsive service to customers. It has also enabled us to explore the scope for interfunctional cooperation and the sharing of resources, including employees. This in turn will improve value for money. Our Regional Technical Manager and Business Services Manager have been able to concentrate on policy matters and on the cost-effective delivery of specialist central services.

ACCOMMODATION AND INFRASTRUCTURE

Proposals for major repairs, new acquisitions, disposal or construction of office accommodation and depots in 1994/95 and 1995/96 are tabulated below:-

Location	Proposal	Year	Cost Where Known
<u>Upper Severn</u>			£
Hafren House, Shrewsbury	Completion of current project to provide new depot and office accommodation	1994/95	91,000 *
Kidderminster	Replacement of offices and depot with a single site facility	1994/95 (prov)	300,000
<u>Lower Severn</u>			
Gloucester FD Depot	Purchase of Land in current year	(1993/94)	100,000
	Construction of Buildings	1994/95	160,000 **
<u>Lower Trent</u>			
Trentside, Nottingham	Redevelop/Refurbish offices - feasibility study underway	1994-97	2M
Owston Ferry	Feasibility study on options which arise from rationalisation programme	1994/95	Not yet estimated
Retford Depot, East Markham	Acquisition	1994/95	
Rothley, Whetstone and Darley Dale	Disposal of surplus flood defence depot premises	1994/95	
Wiseton and Dunham Depots	Disposal subsequent to acquisition of Retford	1994/95	

* Budgetary provision included.

** Budgetary provision included in Flood Defence Medium Term Plan.

Accommodation needs will continue to be reviewed in the light of developments in Market Testing and Envage.

MARKET TESTING AND THE ENVIRONMENT AGENCY

Market Testing and Rationalisation

The Region has made satisfactory progress in implementing the 1993/94 programme in the four areas under consideration.

1 Laboratories

Responsibility for the Nottingham Laboratory now rests with the National Laboratory Manager and all administrative arrangements will be in place by 1 April 1994. The Region wishes to bid for the provision of Support Services to the National Laboratory Service and is awaiting developments in this area.

2 Transport and Plant Maintenance

Maintenance will be contracted out in accordance with the programme although little interest has been shown by suitable contractors in plant maintenance. An additional feature to be taken into account in Severn-Trent Region is that the staff engaged on plant maintenance are also part of the Emergency Work Force.

3 Project Engineering Services

Satisfactory progress is being made in the moves towards a negotiated takeover.

4 Emergency Work Force

The agreement in principle with the Trade Unions to the package of changes to terms and conditions has been welcomed in the Region and efforts will be taken in the next year to develop the integration of the work force, supervisors and managers to generate motivation and increase productivity.

1994/95 Programme

The main emphasis in 1994/95 will be on:

- 1 Assisting in the production of Support Services specification by Area Managers and subsequent involvement in identifying and evaluating the alternative methods of providing the services in the future.
- 2 Service Level Agreements will be developed within the Region whereby all Support Services are provided to an agreed specification and to an agreed level of cost. SLAs in respect of payroll, finance, estates, personnel and procurement have already been produced for the in-house work force and this will be extended to the whole range of services.
- 3 In addition to work on identifying costs necessary to market test Support Services, a thorough review will be undertaken of all cost allocations in the Region to ensure that a sound costing base is available for all future market testing activities. This is an extension of the work already carried out within the Region on inter-functional charges which was important in the context of ensuring that all costs are chargeable against the appropriate income stream.
- 4 All Section Heads and staff are being encouraged to consider the ways in which their activities are being provided and whether they are being provided in the most cost effective way. By doing this, the Region hopes to be in a strong position for Market Testing.

Environmental Agency

The Region has not yet commenced detailed planning for the Environmental Agency and is awaiting developments and instructions following the Queen's Speech. It is not envisaged that there will be any unique problems within Severn-Trent Region although particular attention will need to be paid to:

- 1 The proposals of the Agency in so far as they relate to Wales bearing in mind that the NRA Severn-Trent Region currently provide services to a considerable proportion of central Wales especially the County of Powys. We strongly emphasise the benefits of adopting catchment boundaries for the Agency.
- 2 The West Midlands conurbation has particular problems with contaminated land and this may feature significantly in the future Agency priorities.
- 3 Planning now for accommodation implications.

TOP PRIORITY CORE FUNCTION TARGETS

FUNCTIONAL PRIORITIES

Water Quality Priorities

The Region's Water Quality priorities are:

- 1 To maintain and improve the quality of controlled waters, to protect present and future uses and particularly abstractions and transfers envisaged by the Water Resource strategies for the Severn and Trent catchments. The programme to achieve quality objectives will need to be reviewed to take account of cut-backs in the anticipated expenditure by the Water Company on sewerage and sewage treatment. Initiatives to control specific polluting problems, such as coloured effluents from the textile industry and moth-proofing agents from the carpet industry will continue.
- 2 To undertake a comprehensive review of the Region's monitoring programmes for effluents and controlled waters. The review will follow the national guidelines on monitoring ensuring that the programme meets the Region's water quality data requirements and gives value for money. Compliance with the programmes will be monitored. One result of the review should be the freeing of resources to undertake pollution prevention work which is currently under resourced.
- 3 To continue awareness and publicity campaigns on pollution prevention. Specific types of pollution incident will be targetted with the aim of reversing the increasing trend in the number of incidents. Sources of pollution of particular concern are farm wastes, oil and chemical storage. The storage and disposal of oil will be targetted and abatement plans agreed with the Petroleum Inspectorate of the Local Authorities. This should be supported by the publication of the oil storage regulations later in the year.
- 4 To plan and carry out a series of catchment surveys to protect both surface water and groundwater sources. Visits by Pollution Control staff to inspect and advise on potentially problematic sites will be prioritised. The PRAIRE model will be used to determine the vulnerability of surface water sources to toxic chemicals stored in the upstream catchment.
- 5 To assess surface water in the Region including water supply reservoirs as potential candidates as Sensitive Areas and Nitrate Vulnerable Zones under the eutrophication provisions of the UWWT and Nitrate Directives. Where a potential candidate is identified, monitoring will be required to determine its suitability for future designation. Also there will be a need to determine which upstream inputs need to be controlled.
- 6 To evaluate the impact on surface waters and groundwaters of colliery closures and work with British Coal to plan the necessary action.

Water Resource Priorities

The Region's Water Resource priorities are:

- 1 To support possible development of both the Rivers Severn and Trent as part of the National Water Resources Development Strategy by:-

River Trent

- i) further work to establish minimum residual flow requirements to the Humber Estuary and tidal Trent;

- ii) completing a project to determine a naturalised flow base rate for the River Trent;
- iii) reviewing current controls in the catchment relative to probable future scenarios.

River Severn

- i) production of an outline paper for review of existing operating rules for river regulation;
 - ii) completing feasibility studies of level control options.
- 2 To develop two strategic flow gauges. Feasibility studies will be completed on two others. This capital work is essential to the implementation of any new or revised control rules. This will only be possible if the region's water resources capital bid of £1.576M is approved by the Board.
 - 3 To continue construction of the Shropshire Groundwater Scheme Stage 3. This will include completion of borehole construction and commencement of pipeline laying. The development is essential to ensure commitments to known demands within the Region can be met.
 - 4 To reduce the backlog of licence applications and overall turnaround times. This will require the consolidation of a recent reorganisation of this activity and redirection of resources from enforcement work. Reallocation of resources is reflected in reduced enforcement targets for less critical licences but these still remain ahead of national targets.
 - 5 To establish environmental targets for low flow problem areas and progress potential solutions.
 - 6 To further develop and apply groundwater resource models for the Nottinghamshire and West Midlands/South Staffordshire Triassic Sandstones. Licensing policy will be reviewed as necessary.

Flood Defence Priorities

The Region has identified the following Flood Defence priorities:

- 1 To complete 33% of the Section 105(2) Survey including asset surveys, floodplain mapping and flooding problem surveys. These will be the major means of input by the NRA into the local planning process. In addition they will lead to improved maintenance and capital programming.
- 2 To demonstrate a reduction in revenue expenditure of at least 1% in real terms.
- 3 To improve 8 km of defences which represents approximately 1% of the total length of defences in the Region. The emphasis will be on defences in the tidal reaches of the Rivers Severn and Trent.
- 4 To improve flood warnings to include timing and confidence indicators for 10% of warnings issues. This will enable property owners to react more positively and will lead to a reduction in the damage caused by floods.

Fisheries, Recreation and Conservation Priorities

The Region's Fisheries, Recreation and Conservation priorities are:-

Fisheries

- 1 To relate expenditure to priority issues. In anticipation of a reduction in Grant-in-Aid, the Fisheries function must seek to ensure that the service is responsive to the needs of the customers. This will require all activities to be reviewed and the requirements of each to be balanced.
- 2 To improve relations with the beneficiaries (e.g. licensees) since there will be increasing reliance on income from the sale of fishing licences. Being seen to provide a valuable and cost-effective service will be vital to improving licence compliance and guarantee future income.
- 3 To determine and implement a medium-term programme of physical and chemical improvements to increase the stock holding capacity of depleted fisheries. Where the opportunity arises, efforts will be made to run rehabilitation projects in collaboration with local fishery owners.
- 4 To develop ponds at Calverton Fish Farm to grow an additional 100,000 riverine coarse fish for use in river rehabilitation/enhancement projects and for replacement of lost stock. In line with the recommendations of the Fish Culture Review Group, this will establish Calverton as the principal supplier of older/larger dace, chub and barbel to all NRA Regions.

Recreation

- 1 To optimise potential and achieve an appropriate quality of service in the recreational use of NRA sites, consistent with our other duties, by undertaking a programme of formal site management plans for large sites and site assessment for others.
- 2 To work closely with other organisations such as the regional councils for sport and recreation and input to studies, topic groups and surveys to gain information and resolve conflicts. We will investigate the practicability of developing a Region-wide recreation resource database using the River Avon in a pilot study.
- 3 To safeguard existing recreational uses and where practicable, incorporate recreation facilities into schemes being designed for other NRA functions e.g. strategic riverside footpaths and access for the disabled to waterside recreation facilities.

Conservation

- 1 To undertake Environmental Assessment of all capital and maintenance works to protect the environment and enhance it where possible.
- 2 To undertake River Habitat Surveys in a trial catchment as part of a National initiative and to assess the conservation resource by undertaking River Corridor Surveys and the maintenance of a database of sites of conservation interest.
- 3 To undertake river rehabilitation/enhancement works for conservation benefits, particularly linked to the implementation of Catchment Management Plans.

AREA TARGETS - "MAKE A DIFFERENCE" SITES FOR ENVIRONMENTAL IMPROVEMENT

In addition to issuing Final Plans for the Blythe/Cole/Bourne, Avon, Humber Estuary and Severn upstream Perry Catchments, the top five operational targets in each Area are:

Upper Severn

- 1 Improve environmental quality of the River Stour by effectively controlling the discharge of moth-proofing agents and sheep dip chemicals from Kidderminster Sewage Treatment Works (CMP Action agreed with Severn Trent Water, the carpet industry and the NRA to achieve compliance with environmental quality standards in the watercourse) and tackle the problem of flow obstruction caused by shopping trolleys.
- 2 Carry out a feasibility study of proposed local nature reserve and Wetland Prime Site surveys of the River Stour catchment (CMP Action).
- 3 Enhance the Tern, Perry and Tanat river corridors by the introduction of instream habitat improvements, further develop the Severn Valley Way (stages 2 and 4) and in collaboration with Powys County Council upgrade 13 km of the Afon Cerist downstream of the abandoned lead mine at Van by the reduction of toxic metal concentrations.
- 4 Commence the Shrewsbury Flood Alleviation Scheme to protect approximately 300 properties (subject to planning approval).
- 5 Progress the Shropshire Groundwater Scheme Stage 3 (within budget limitations) to meet known demands on the River Severn.

Lower Severn

- 6 Improve flood defences along the Severn Estuary at Binn Wall and Epney, on the River Lyd at Lydney and on the River Avon at Abbey Mill.
- 7 Complete feasibility study of all aspects of the water resource options for the Lower River Severn (ie the minimum residual flow to the estuary and the varying of water levels to maximise storage for the BWB abstraction to Bristol Water Company).
- 8 Improve pollution prevention by investigation and control of the sources of intermittent, periodic, high levels of both pesticides/herbicides and nutrients in the water supply catchments of the River Leam, River Severn and the Gloucester/Sharpness canal.
- 9 Install salmon/shad and elver pass at Upper Lode Weir, Tewkesbury, with counting trap facilities.
- 10 Improve the flood warning service to those people who require information in the valleys of the River Avon and River Severn.

Upper Trent

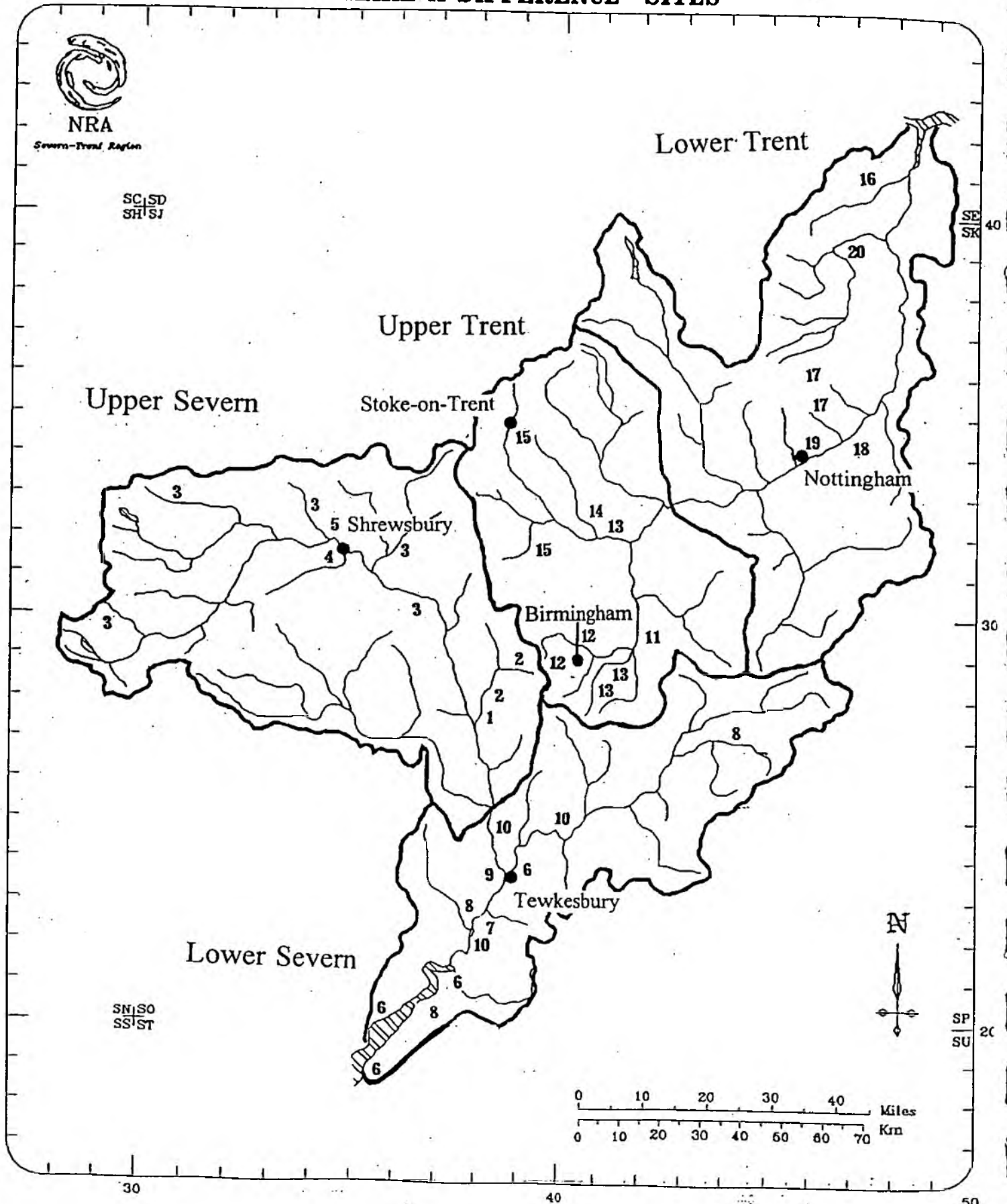
- 11 Produce management plan for River Tame Purification Lakes at Lea Marston.
- 12 Restore design channel capacity of River Tame at various locations.
- 13 Promote the installation of rock chute fish passes at Alrewas on River Trent, Solihull on River Blythe (CMP) and Castle Bromwich on River Cole (CMP).
- 14 Reconstruct Yoxall gauging station on River Trent.
- 15 Evaluate the impact on the quality of surface waters and groundwaters of colliery closures in the Staffordshire Coalfield (Cannock and Stoke-on-Trent).

Lower Trent

- 16 Implement the Isle of Axholme Water Level Management Plan. Balance the needs of water resources, drainage, conservation and recreation.
- 17 Establish environmental criteria as basis for implementation of Nottinghamshire Trias Model especially for Dover Beck and Rainworth Water ALFs.
- 18 Complete investigation of the relationship between water quality and fisheries in the River Trent.
- 19 Replace gates at Holme sluice to restore an integral part of the flood protection scheme for the City of Nottingham. Opportunity will be taken to improve the security of operation of the canoe slalom and consider the impact of hydropower generation.
- 20 Develop a multifunctional plan for the management of the River Idle in order to protect the quality, fisheries and water resources without compromising flood protection.

The locations of the above 20 area targets are shown on the plan titled "Make a Difference" sites.

"MAKE A DIFFERENCE" SITES



CATCHMENT MANAGEMENT PLANS (CMPs)

CMP production has been moved to the Areas, with co-ordination from the Region. There is now a total of 17 CMPs due for completion by March 1998. Following a review, it has been decided to create a Catchment Management Planner post in each Area to cope with the increasing workload resulting from the acceleration of the programme.

The CMP programme is given below.

SEVERN-TRENT REGION CMP PROGRAMME

CATCHMENT	START CMP	CONSULT - ATION PERIOD	ISSUE FINAL PLAN
Stour (US)	June 92	Dec -Feb 93	Dec 93
Blythe/Cole/Bourne (UT)	May 93	Dec -Feb 94	June 94
Avon (LS)	June 93	March-May 94	Oct 94
Humber Estuary *	Oct 93	Aug -Oct 94	Feb 95
Severn u/s Perry (US)	Jan 94	Aug-Oct 94	Jan 95
Dove/Churnet (UT)	April 94	Nov -Jan 95	April 95
Erewash (LT)	July 94	Jan-March 95	July 95
Severnside (LS)	Oct 94	May-July 95	Oct 95
Teme (US)	Jan 95	Aug-Oct 95	Jan 96
Idle /Maun /Torne (LT)	April 95	Nov-Jan 96	April 96
Tame /Anker (UT)	July 95	Jan-March 96	July 96
Severn Estuary **	Oct 95	May-July 96	Oct 96
Soar (LT)	Jan 96	Aug-Oct 96	Jan 97
Severn (Perry-Teme) (US)	April 96	May-July 97	Nov 97
Derwent (LT)	July 96	Jan-March 97	July 97
Upper Trent/Sow/Penk(UT)	Oct 96	May-July 97	Oct 97
Trent(Dove-Humber) (LT)	Jan 97	Aug-Oct 97	Jan 98

* Joint Plan with Anglian and Northumbria/Yorkshire Regions

** Joint Plan with Welsh and South Western Regions

EFFICIENT SERVICES

INTER-REGIONAL SHARING

Business Services Managers of Severn-Trent and Anglia Regions are co-operating on a Joint Efficiency Initiative. The current situation is as follows:

Legal

Insurance Officers in both Regions are to develop best practices.

Estates

The Estates function is to have a greater management input by one person reporting to both Regional Business Services Managers, leaving the other to concentrate on valuation work. This will involve Severn-Trent staff undertaking work within the Anglia area.

Finance

A study is being carried out as to the cost benefit of Severn-Trent payroll being processed in Anglia Region. This is independent of IAS development but could not be implemented until 1 April 1995.

Administration

Arrangements have been made for Severn-Trent to use the large scale photocopying facilities at Anglia.

Public Relations

- i) Both Regions are to lose their senior PR Officers in the near future and discussions will take place in conjunction with the Director of Public Affairs as to how the best service can be provided across both Regions.
- ii) Agreement has been reached whereby Severn-Trent will use Anglia's PR trailer. This will eliminate the need for Severn-Trent to acquire a similar trailer which would have cost £25k.
- iii) The feasibility of providing joint out-of-hours cover will also be discussed.

Information Systems

Areas have been identified whereby joint support arrangements can be put in place and discussions are to take place as to whether these arrangements can be extended to the Help Desk.

Emergency Planning

Arrangements have been made for:

- i) Automatic re-routing to the other Region if switchboards fail.
- ii) A single reporting point for each County Fire Brigade whose area of operation covers both Regions.
- iii) Input into a joint Humber Estuary Pollution Plan with Northumbria/Yorkshire Region.

Transport and Plant

A plan is being produced whereby Transport and Plant will be managed for both Regions by Severn-Trent.

Procurement

To assist Anglia establish its Procurement section, consideration is being given as to whether Anglia can take certain Severn-Trent contracts off the shelf to save having to develop their own.

General

The above are the initiatives identified to date, but Section Heads of both Regions are being encouraged to identify other possible areas. Details have also been circulated to Regional Business Services Managers in other Regions so they can:

- i) Identify areas in which they may wish to join the initiative.
- ii) Identify areas which they may wish to follow up with their own neighbouring Regions.

Reciprocal arrangements are being made to share information about initiatives in other regions.

Planning Liaison

Severn-Trent Region co-operates with adjacent Regions on:

- i) High level Strategic Planning e.g. joint consultation with Anglian Region on East Midlands Regional Planning Guidance document.
- ii) Local Planning e.g. local arrangements for handling planning applications near regional boundaries to ensure each local authority deals with only one NRA Region.

Emergency Response

Severn-Trent Region's Emergency Workforce has assisted with flooding emergencies in other Regions.

National Function Liaison

The Region contributes to the national function liaison groups by providing information on efficient systems.

EFFICIENCY INITIATIVES

The Region's likely achievement of the 2.5% efficiency savings in the 1993/94 Plan is tabulated below by Activity.

ACTIVITY	PLANNED SAVING 1993/94 £k	LIKELY SAVING 1993/94 £k
Salaries, Wages, NIC, Superann	400	400
Temporary Staff	60	0
Travel & Subsistence	45	45
Consultants	20	50
Postal & Courier	9	10
Information Systems	109	110
Transport & Plant	39	0
Equipment, Tools & Materials	193	0 *
Energy and Utilities Usage	41	0 **
PLC Contract	100	300
Other Savings	0	100
	<hr/> 1,016	<hr/> 1,015

* Excludes efficiency savings achieved by regional and national purchasing contracts.

** No saving has been possible due to more intensive use of offices, increases in IS equipment and additional areas of buildings coming into use, all contributing to an upward trend.

The following local initiatives are anticipated to contribute to the national efficiency savings package for 1994/95 and 1995/96. (Both years' savings are to be compared with 1993/94 base year):

INITIATIVE	PLANNED SAVINGS 1994/95 £k	PLANNED SAVINGS 1995/96 £k
FLOOD DEFENCE SPEND		
• Operational resource savings following pumping station refurbishment eg energy	10	10
• Travel and subsistence	10	10
• Transport and Plant	10	10
• Hired and Contracted	20	20
• New Package of Terms and Conditions	180	350 *
PROCUREMENT		
• Use of alternative contractor for servicing of electric fishing equipment	2	2
• Reduced servicing costs due to new telemetry system for water quality monitors	20	20
• National contract for electromagnetic and ultrasonic gauges	8	8
• National contract for calibration of current meters	4	4
• National PC Maintenance Contract	60	60
• Other National Procurement Contracts	50	100
IS		
• LAN	36	36
• Implementation of WAMS - QUIS replacement	--	40
• Improved Water Quality data handling facilities	10	10
• Implementation of fisheries prosecutions data base	6	6
VFM		
• Support Services	236	350 **
• Initiative with Anglian Region	25	50
• Removal of 25% subsidy for Calverton Fish Farm	--	40
MARKET TESTING		
• Laboratory	350	380
	<hr/> 1037	<hr/> 1506

* This will be achieved by a package of measures to increase efficiency, reduce costs and align working practices with those of external competitors. This package will follow the nationally agreed framework.

** These savings reflect the need to ensure maximum resources are available to core activities and to prepare Business Services for Market Testing initiatives.

INFORMATION SYSTEMS

The following text explains the assumptions made in drawing up the FMR9 forms. It should also be noted that "Approved Budget" is that which the Region can finance and is included in the FP forms whereas the "Additional Bid" cannot be financed but would be required to fully implement the national projects.

National Systems Development

Three systems development staff will report directly to Head Office as agreed.

Ongoing Support and Maintenance Activities

The budget controlled by IS has been reduced by £95,600 compared to 1993/94 after allowing for inflation, as a result of cost efficiencies from National PC procurement, LAN implementations, and other cost containment measures.

WAMS

WAMS will absorb 87% of the capital available for IS projects in 1994/95. Head Office estimates have been used for hardware and software. PLC costs are for QUIS data conversion and migration. Contractor costs are for building interfaces with other regional applications and data conversion. Assumes hardware and software will be installed in last quarter 1994/95 and the project will be completely implemented in 1995/6. IS Staff costs are for a Project manager plus one FTE comprising support and technical staff time.

IAS - Accounting system and PS - Personnel and Payroll

PLC costs are for data conversion and migration from STARS. Other FM is the assumed running cost of a centralised Computer Facilities Management service. Contractor costs are for project management, interfacing with other regional systems, data conversion and migration from CFACS and VCMS.

NALD - Abstraction Licenses and FDMS - Flood Defence Management System

Assumed to run on a new Unix computer and new Oracle licenses. Other FM costs assume a maintenance and help desk service from a third party. Contractor costs are for data conversion from LADS and RIMS, plus project management and implementation.

The Region believes that both PS and NALD, which are "Must Do" projects, can be resourced in 1994/95.

Office Systems

Costs for 1994/95 assume an E-Mail only facility, based on EMAIL Case Study V3.0. Costs for 1995/96 are based on the Feasibility Report and assume a full function office system is implemented on a new Unix computer.

Incidents & Prosecutions. Discharge Applications. Planning Applications

Assumed to run on a new Unix computer with new Oracle licenses. Other FM costs assume a maintenance and help desk service from a third party. Contractor costs are for data conversion from LADS, plus project management and implementation.

GIS

Costs are based upon the Feasibility Study dated 30.01.93 Option 5. Other FM costs assume a maintenance and help desk service from a third party. Contractor costs are for data conversion, project management and implementation.

Region: Severn-Trent

I.S. Corporate Plan 1994/95

FMR 9

Approved
Budget

£000's

Approved Budget		£000's	Hardware	Software	P/c Costs	Other FM	Consultant Contracts	I.S. Staff	Non I.S. Staff	Other	Total	Sub Total	
National Systems Development								75			75	75	
ONGOING S & M ACTIVITIES													Y/N
	Telemetry System		61	5						122	188	Y	
	Telephony System		719	2			4.8				769	Y	
	Weather Radar/ Flood Forecasting		46								46	Y	
	Laboratory System												
	Development Environment												
	All Other Applications Support		196	90	111.5	180	30	155		36	1802	Y	
	SUB-TOTALS		1022	97	111.5	180	78	155		158	2805	2805	
IMPLEMENTATIONS													Y/N
"Must Do"	Infrastructure												
	WAMS		600	100	80	25	288	50			1143	Y	
	IAS												
	PS												
	NALD												
	FDMS												
	Other Business "Must Do's"												
	OS (FS Study)												
	INCIDENTS & PROSECUTIONS												
	DISCHARGE APPLICATIONS												
	PLANNING APPLICATIONS												
	GIS (FS Study)												
	Other Business "progresses"												
	Mission Statement Aims (LAN)		107	50							157	N	
	Audit Recommendations												
	SUB-TOTALS		707	150	80	25	288	50			1300	1300	
REGIONAL INITIATIVES													Y/N
List Here													
	SUB-TOTALS		0	0	0	0	0	0	0	0	0	0	
TOTAL			1729	247	119.5	205	366	280	0	158	4180	4180	

Region: Severn-Trent

I.S. Corporate Plan 1994/95

FMR 9

Additional
Budget

£000's

		Hardware	Software	P/c Costs	Other FM	Consultant Contracts	I.S. Staff	Non I.S. Staff	Other	Total	Sub Total
National Systems Development											
ONGOING S & M ACTIVITIES											Y/N
	Telemetry System										
	Telephony System										
	Weather Radar/ Flood Forecasting										
	Laboratory System										
	Development Environment										
	All Other Applications Support										
SUB-TOTALS											
IMPLEMENTATIONS											Y/N
"Must Do"	Infrastructure										
	WAMS										
	IAS										
	PS			5	20	30				55	2
	NALD	50	25		5	72				152	2
	FDMS										
"Progress"	Other Business "Must Do's"										
	OS (FS Study)	43	43							86	2
	INCIDENTS & PROSECUTIONS	50	25		5	36				116	2
	DISCHARGE APPLICATIONS										
	PLANNING APPLICATIONS										
	GIS (FS Study)										
	Other Business "progresses"										
	Mission Statement Alms (LAN)	50								50	2
	Audit Recommendations										
SUB-TOTALS		193	93	5	30	138				459	459
REGIONAL INITIATIVES											Y/N
List Here											
SUB-TOTALS											
TOTAL		193	93	5	30	138				459	459

Approved
Budget

£000's

		Hardware	Software	Plc Costs	Other FM	Consultant Contracts	I.S. Staff	Non I.S. Staff	Other	Total	Sub Total
National Systems Development							78			78	78
ONGOING S & M ACTIVITIES											Y/N
	Telemetry System	64	5						127	196	Y
	Telephony System	747	2			50				799	Y
	Weather Radar/ Flood Forecasting	48								48	Y
	Laboratory System										
	Development Environment										
	All Other Applications Support	204	94	1060	187	31	161		37	1774	Y
	SUB-TOTALS	1063	101	1060	187	81	161		164	2817	
IMPLEMENTATIONS											Y/N
"Must Do"	Infrastructure										
	WAMS			20	25	144	51			240	Y
	IAS			45	80	186				311	Y
	PS					25				25	Y
	NALD				5	36				41	Y
	FDMS	75	30	30	20	216				371	Y
	Other Business "Must Do's"										
	OS (FS Study)										
	INCIDENTS & PROSECUTIONS				5					5	Y
	DISCHARGE APPLICATIONS	75	30		20	63				188	N
"Progress"	PLANNING APPLICATIONS										
	GIS (FS Study)										
	Other Business "progresses"										
	Mission Statement Aims		83							83	Y
	Audit Recommendations										
	SUB-TOTALS	150	143	95	155	670	51			1264	
REGIONAL INITIATIVES											Y/N
List											
Here											
SUB-TOTALS		0	0	0	0	0	0	0	0	0	0
TOTAL		1213	244	1155	342	751	290	0	164	4159	4159

Region: Severn-Trent

I.S. Corporate Plan 1995/96

FMR 9

Additional
Budget

£000's

Hardware	Software	Plc Costs	Other FM	Consultant Contracts	I.S. Staff	Non I.S. Staff	Other	Total	Sub Total
									0
									Y/N
									0
									Y/N
									N N N N
500	126		51	144				821	
				87				87	
75	20		20	150				275	
200	150		20	250		100		720	
									1903 Y/N
775	306		91	631		100		1903	1903
									Y/N
775	306		91	631		100		1903	0 1903

INFORMATION SYSTEMS (Contd.)

Mission Statement Aims

This covers the implementation of LAN's. Funds are required to complete Lichfield and Tewkesbury commenced in 1993/94, and for eight sub area offices to complete the Regional LAN strategy. Mission aims addressed are Hardware and Software Standards, Plc System Migration, and Systems and User Support.

PUBLICATION PLANS

The publications planned for 1994/95 are listed in an Annex together with the estimated expenditures. We are considering joint publication with other Regions, where appropriate, to reduce cost.

ANNEXES

LIST OF PLANNED PUBLICATIONS

<u>New Leaflets</u>	<u>Est Cost</u>
River Avon (including R. Swift, Arrow & Stour (Warwicks))	£1,500
River Stowe	£1,500
River Stour	£1,500
River Vyrnwy	£1,500
River Anker	£1,500
River Dove	£1,500
River Derwent	£1,500
River Erewash	£1,500
River Soar	£1,500
Water Resources	£2,500
Education Poster	£3,000
Calverton Fish Farm	£3,000
Severn Bore 1995	£3,000
Trent Aegir 1995	£2,000
	<hr/> £27,000
<u>Employee Magazine</u> - Six copies per annum @ 12 pages	£8,700
Updating and reprinting of existing publications (subject to liaison with other regions):	£28,000
TOTAL FUNDED BY PR	<hr/> £63,700
<u>Catchment Management Plans</u> - funded by Areas	£36,200
The following publications will be funded from the Regional Technical budgets:	
<u>Water Quality Publications</u>	
Lay-persons leaflet on water quality in Region in 1993.	£3,000
Summary of river classification by river reach using GQA scheme. (This will replace the RQO book which is produced annually).	£3,000
Technical overview of water quality issues in the Region.	£3,000
<u>Water Resources Publication</u>	
Joint statement on Doncaster Groundwater Studies with Yorkshire Water Services.	£2,000
Hydrometric Report and Catalogue for 1993	£1,400
<u>Recreation Publications</u>	
River Avon Users	£1,000
Regional Fishing Directory	£2,000
River Trent Angling Guide	£1,000
<u>Conservation Publications</u>	
River Management for Marsh Warblers	£300
Bats and Bridges	£500
Archaeology and the NRA	£300
Establishment of Wild Flower Grassland on Floodbanks	£500
TOTAL FUNDED BY REGIONAL TECHNICAL	<hr/> £18,000

OUTPUT & PERFORMANCE MEASURES

OPM1 - OPM8

Corporate Plan Form OPM1

Function: Water Resources
Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned
LICENCING				
Number of Licences in Force				
- Abstraction	7658	7439	7675	7744
- Impoundment	424	523	566	591
- Total	8082	7962	8241	8335
Number of Licence Applications Determined				
- Abstraction	345	260	390	220
- Impoundment	32	30	40	25
- Total	377	290	430	245
Number of Licence Applications Determined within Statutory Period				
- Abstraction	109	132	255	151
- Impoundment	4	11	25	20
- Total	113	143	280	171
% of licence applications determined within statutory period	30	49	65	70
Total Cost of Licencing (£000)	1189	1167	1184	1202
Number of Licences Varied	102	85	85	85
Number of Licences Revoked	48	150	150	150
Total number of licences determined, varied or revoked	527	525	665	480
Average Cost of Determining a Licence (£/licence)	2256	2223	1780	2504
ENFORCEMENT				
Highly Critical Licence Inspections:				
Number of inspections required by NRA policy	63	48	52	52
Actual number of inspections made	63	48	52	52
Critical Licence Inspections:				
Number of inspections required by NRA policy	1357	1797	1919	1919
Actual number of inspections made	1357	1617	1919	1919
% achievement of licence enforcement programme (Critical and Highly	100	90	100	100
Less Critical and Non-critical Licence Inspections:				
Number of inspections required by NRA policy	1923	1661	1619	1619
Actual number of inspections made	1923	1495	899	1079
Total number of inspections required by NRA policy	3343	3506	3590	3590
Total number of inspections made	3343	3160	2870	3050
Average attainment of licence inspection targets	100	90	80	85
LOW FLOWS				
Number of sites identified for low flow amelioration	2	1	1	0
Number of sites for which studies have been completed	2	1	1	0
Number of low flow solutions planned for implementation	2	1	0	1
Number of low flow solutions implemented	2	0	1	0

COMMENTS

- The number of licences determined for 1994/95 is based on current receipts + the removal of the persistent backlog. The number of licences determined for 1995/96 is based on current receipts as the backlog should be removed by this time.
- Average attainment of licence inspection targets - at present the Region is achieving more than the National Guideline Target. The resources are being moved to other areas and the achievement reduced.

Corporate Plan Form OPM2

Function: Water Quality
Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned		
CONSENTING and COMPLIANCE MONITORING						
Number of Discharge Consents in Force (Total)	17370	15100	15000	15200		
Number of Discharges Monitored (Total)	2643	3500	3700	3700		
Number of Consent Applications Determined within Statutory Period	609	700	511	240		
Number of Consent Applications Determined	958	1000	730	340		
% consents determined within statutory period	64	70	70	71		
Total Cost of Consenting (£000)	1536	1022	989	964		
Number of Consents Determined or Reviewed	1168	1100	1000	600		
Average cost of determining a consent (£/consent)	1315	929	989	1607		
Number of Routine Effluent Samples Taken	22261	26000	24500	24500		
Number of Routine Effluent Samples Programmed	23862	26000	24500	24500		
% of effluent monitoring programme achieved	93	100	100	100		
Total Cost of Compliance Monitoring (£000)	487	491	440	440		
Number of Discharges Monitored (Total)	2643	3500	3700	3700		
Average cost of monitoring discharges (£/discharge)	184	140	119	119		
MONITORING CONTROLLED WATERS						
Number of Routine Single Samples Taken:						
- River	23088	22500	22000	22000		
- Canal	0	0	0	0		
- Estuarial	150	150	150	150		
- Groundwater	0	400	400	400		
Length (km) of classified river by water quality class:					2000 Planned	2005 Planned
GQA Chemical Assessment:						
- Class A	366	374	374	374	374	374
- Class B	1722	1735	1759	1773	1773	1772
- Class C	1523	1522	1515	1502	1502	1502
- Class D	917	928	946	951	1065	1123
- Class E	733	709	687	691	588	531
- Class F	174	167	154	144	133	133
Total length of classified river	5435	5435	5435	5435	5435	5435
GQA Biological Assessment						
- Class A	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class B	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class C	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class D	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class E	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Total length of classified river	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Length (km) of classified canal by water quality class:						
GQA Chemical Assessment:						
- Class A	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class B	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class C	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class D	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class E	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class F	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Total length of classified canal	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
GQA Biological Assessment						
- Class A	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class B	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class C	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class D	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Class E	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Total length of classified canal	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Length (km) of classified estuary by water quality class:						
NWC Scheme:						
- Class A (good)	18	24	24	24	34	34
- Class B (fair)	46	47	47	47	44	44
- Class C (poor)	14	7	7	7	0	0
- Class D (bad)	0	0	0	0	0	0
Total length of classified estuary	78	78	78	78	78	78

WATER QUALITY LABORATORY ANALYSES				
Number of Analyses / Determinations				
- Organics	116467	108050	99630	74000
- Metals	175175	162800	150120	144500
- Microbiology	1152	700	680	500
- Other	494165	458450	422770	314000
- Total	786959	730000	673200	533000
Total Cost of Analyses / Determinations (£000)				
- Organics	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Metals	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Microbiology	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Other	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Total	1720	1612	1818	1439
Average Cost of Analyses / Determinations (£/analysis)				
- Organics	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Metals	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Microbiology	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Other	XXXXXX	XXXXXX	XXXXXX	XXXXXX
- Total	2	2	3	3
Number of Samples Analysed and Reported within Target Time	67734	58200	60000	65400
Number of Samples Analysed and Reported	70088	60000	61200	66700
% of water quality samples analysed within target time	97	97	98	98
INCIDENTS / EMERGENCIES				
Number of Category 1 Incidents	95	100	80	80
Number of Category 2 Incidents	1757	1810	1880	1880
Number of Category 1 Incidents Attended within Target Time	84	97	77	77
Number of Category 2 Incidents within Target Time	1556	1750	1820	1820
% Category 1 Incidents Attended within Target Time	88	97	96	96
% Category 2 Incidents within Target Time	89	97	97	97
POLLUTION PREVENTION				
Number of Site Inspections	15737	30000	18000	18000
Number of Pollution Prevention Campaigns	2	3	3	2
EC DIRECTIVES				
Number of Designated EC Bathing Waters	0	0	0	0
Number of Designated Waters Achieving Directive	0	0	0	0
% of bathing waters achieving directive	-	-	-	-

3.

COMMENTS

1. Number of routine effluent samples taken - the figures provided are a combined total for river and canal. They are not produced separately.
2. GQA Chemical Assessment - figures in the 1992/93 column are 1991/92 data, Biological Assessment figures are not required by Head Office.
3. Laboratory Costs - specific breakdown of costs not yet available. Only a single average cost per determination has been provided by the laboratory. It is not possible for a valid specific breakdown to be achieved at the moment.
4. XXXXXX - information not available

Corporate Plan Form OPM3

Function: Flood Defence
Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned
REGULATION / ENFORCEMENT				
Number of Consents Determined within Statutory Period	1036	1150	1300	1420
Number of Consents Determined	1041	1150	1305	1425
% of consents determined within statutory period	100	100	100	100
Total Cost of Regulation / Enforcement (£000)	2000	1360	1440	1440
Total Flood Defence Expenditure (£000)	25116	27540	26162	26489
Cost of regulation/enforcement as % of total expenditure	8	5	6	5
IMPROVEMENT / DEVELOPMENT OF FLOOD DEFENCES				
Number of Housing Equivalents Protected By New / Improved Schemes	4500	11000	3600	4050
Cost of completed schemes (£000)	6000	11715	9800	9600
HEs Protected By Capital Schemes vis Cost of Schemes	.8	.9	.4	.4
Length (km) of New / Improved Flood Defence Constructed				
- Fluvial Defences	19	2	2	2
- Sea Defences	3	0	0	0
- Estuarial Defences	2	6	6	7
- Total	24	8	8	9
Total Capital Expenditure (£000)				
- Fluvial Defences	4000	2000	2000	2000
- Sea Defences	1200	0	0	0
- Estuarial Defences	4600	7900	7800	7600
- Total	10062	12025	11181	10836
MAINTENANCE OF EXISTING DEFENCES				
Number of Housing Equivalents Receiving Benefit From Maintenance	XXXXXX	340000	435000	438000
Total Expenditure on Maintenance (£000)	XXXXXX	8663	10200	10100
HEs Receiving Benefit in Relation to Cost of Maintenance	XXXXXX	39.2	42.6	43.4
Length (km) of Flood Defence Maintained				
- Fluvial Defences	XXXXXX	4618	5124	5234
- Sea Defences	XXXXXX	37	37	37
- Estuarial Defences	XXXXXX	286	286	286
- Total	XXXXXX	4941	5447	5557
FLOOD EMERGENCY SERVICES				
Number of Flooded Properties for which a Flood Warning was Issued	75	50	75	80
Number of Properties Flooded	239	150	150	150
% of flooded properties for which a warning was issued	31	33	50	53
OTHER				
Total Overhead Costs (£000)	3811	3864	3754	3852
Total Flood Defence Expenditure (£000)	25116	27540	26162	26489
Overhead costs as % of total flood defence expenditure	15	14	14	15
Value of Work Completed (£000)	XXXXXX	8663	10200	10100
Cost of Work Completed (£000)	XXXXXX	8663	10200	10100
Value of work completed as % of cost of work completed	XXXXXX	100	100	100

COMMENTS

- Total Capital Expenditure also includes Transport and Plant for Maintenance. The overall total figure does not equal the total of Fluvial, Sea and Estuarial defences (the original equation has been removed to input the correct figure).
- Number of housing equivalents receiving benefit from maintenance - this figure has increased due to improved reporting methods.
- Value and Cost of work completed - due to a revised definition the figures for these have been revised. It is now based on the total maintenance expenditure rather than the total flood defence expenditure.

Corporate Plan Form OPM4

Function: Fisheries
Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned
LICENCING				
Number of Licences Sold - Rod				
Salmon and Migratory Trout		1		
- Full Licences	XXXXXX	XXXXXX	800	800
- 8 Day Licences	XXXXXX	XXXXXX	100	100
- 1 Day Licences	XXXXXX	XXXXXX	50	50
- Concessionary Licences	XXXXXX	XXXXXX	500	500
- Total	XXXXXX	XXXXXX	1450	1450
Non-migratory Trout, Freshwater Fish and Eels				
- Full Licences	XXXXXX	XXXXXX	146000	146000
- 8 Day Licences	XXXXXX	XXXXXX	22500	22500
- 1 Day Licences	XXXXXX	XXXXXX	1000	1000
- Concessionary Licences	XXXXXX	XXXXXX	41000	41000
- Total	XXXXXX	XXXXXX	210500	210500
Total Number of Licences Sold - Rod	196376	240000	211950	211950
Number of Licences Sold - Commercial Instrument	917	750	750	750
ENFORCEMENT				
Number of Licence Checks Made				
- Rod	40735	30000	38600	38600
- Commercial Instrument	825	620	600	600
- Total	41560	30620	39200	39200
Number of Satisfactory Licence Checks				
- Rod	38820	28500	36670	36670
- Commercial Instrument	800	600	560	560
- Total	39620	29100	37230	37230
% licence compliance				
- Rod	95	95	95	95
- Commercial Instrument	97	97	93	93
- Total	95	95	95	95
Total Cost of Rod Licence Enforcement (£000)	707	588	562	562
Total Cost of Commercial Instrument Licence Enforcement (£000)	7.8	8.1	13	13
Average cost of rod licence enforcement (£/licence checked)	17	20	15	15
Average cost of commercial instrument licence enforcement (£/licence checked)	9	13	22	22
MONITORING				
Total Cost of Fishery Monitoring / Survey Work (£000)	675	365	456	456
Actual Length (km) of River Surveyed	800	800	1024	1024
Average cost of fishery monitoring (£/km surveyed)	844	456	445	445
Length (km) of River Planned to be Surveyed	800	800	1024	1024
% achievement of planned river survey programme	100	100	100	100
Number of Sites Planned to be Surveyed (as part of rolling programme)	XXXXXX	XXXXXX	530	530
Actual Number of Sites Surveyed	336	XXXXXX	XXXXXX	XXXXXX
Number of Individual Surveys:				
- netting / electro	334	130	530	530
- angler census	100	100	100	100
- total	434	230	630	630
PHYSICO-CHEMICAL IMPROVEMENT				
Number of Improvement Structures Built:				
- Physical Habitat	2	2	1	4
- Fish Passes	3	4	3	4
- Total	5	6	4	8
REARING and STOCKING				
Fish Rearing (number in millions)				
- Salmonid	.04	.1	.1	.1
- Non-salmonid	.2	.2	.3	.3
- Total	.24	.3	.4	.4
Fish Stocking (number in millions)				
- Salmonid	.04	.1	.1	.1
- Non-salmonid	.06	.2	.11	.11
- Total	.1	.3	.21	.21

COMMENTS

- Number of licences sold - a single National licence was in use (with concessional).
- Total cost of commercial instrument licence enforcement - actual figure not available. It has been pro-rated from the 94/95 planned figures.
- Number of sites planned to be surveyed - previously planned on length of river surveyed, not the number of sites.
- Number of improvement structures built - figures refer to the number of locations not to the number of structures.

Corporate Plan Form OPM5

Function: Recreation
Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned
NRA FACILITY MANAGEMENT				
Number of NRA Landholdings with Potential for Recreational Use	11	10	7	7
Number of NRA Landholdings Actually Used for Recreation	45	46	49	49
Number of NRA Landholdings with Public Access	52	52	52	52
LIAISON WITH OTHERS / PROMOTION				
Number of Recreation Projects Involving External Collaboration	4	4	5	6
Total Number of Recreation Projects	11	4	12	11
% external collaboration	36	100	42	55

COMMENTS

1. Facility Management - the 1992/93 figure has been revised to keep in line with the current definition. This will allow a better analysis of the figures.

Function: Conservation
Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned
APPRAISALS / SURVEYS				
Length (km) of River Corridor	3726	3726	3726	3726
Actual Length (km) of River Corridor Surveyed	871	600	500	525
Actual Length (km) of River Corridor Aerial Interpretation	100	100	100	100
Total Cost of River Corridor Survey Work (£000)	63	65	40	42
Total Cost of River Corridor Aerial Interpretation Work (£000)	2	2	2	2
Average cost of river corridor survey work (£/km)	72	108	80	80
Average cost of river corridor aerial interpretation work (£/km)	20	20	20	20
Length (km) of River Corridor Planned for Survey	600	600	500	525
Length (km) of River Corridor Planned for Aerial Interpretation	100	100	100	100
% of planned length surveyed - river corridor	145	100	100	100
% of planned length surveyed - aerial interpretation	100	100	100	100
Length (km) of Coastline and Estuary	170	170	170	170
Length (km) of Coastline and Estuary Surveyed				
- Aerial	0	0	170	0
- Other	4	4	4	4
LIAISON WITH OTHERS / PROMOTION				
Number of Conservation Projects Involving External Collaboration	5	0	2	8
Total Number of Conservation Projects	16	10	2	25
% external collaboration	31	0	100	32
PLANNING AND DEVELOPMENT CONTROL				
Applications Screened:				
- abstractions	500	220	500	500
- discharge	400	385	400	400
- land drainage	950	350	950	950
- fisheries	200	105	200	200
- other	1100	840	1100	1100
- total	3150	1900	3150	3150

Corporate Plan Form OPM7

Function: Navigation
Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned
REGULATION / ENFORCEMENT				
Total Number of Licenced Craft	0	0	0	0
Total Number of Licence Inspections Made	0	0	0	0
Number of Valid / Compliant Licences Detected	0	0	0	0
% licence compliance	0	0	0	0
IMPROVEMENTS / NEW WORKS				
Total Capital Budget for Navigation (£000)	0	0	0	0
Total Capital Expenditure on New Facilities (£000)	0	0	0	0

Corporate Plan Form OPM8

Function: Support Services
 Region: Severn Trent

Output and Performance Measures by activity	92/93 Actual	93/94 Planned	94/95 Budget	95/96 Planned
PERSONNEL / TRAINING				
Training (person days):				
- manual	730	616	750	600
- non-manual	3260	3172	3500	3000
- total	3990	3788	4250	3600
PLANNING LIAISON				
Number of Planning Applications Processed within 28 day Target Time	7881	9775	11025	11025
Total Number of Planning Applications Processed	9055	11500	12250	12250
% planning applications processed within 28 day target time	87	85	90	90

FINANCIAL SCHEDULES

FP1 - FP8

TOTAL OPERATING INCOME AND EXPENDITURE - FUNCTION ANALYSIS

REGION: Severn Trent

£000

	ACTUAL 1992/93					BUDGET 1993/94				
	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS (DEFICIT)	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS (DEFICIT)
CHARGES FOR DISCHAR	6510	780	5598	6378	132	7275	704	5710	6414	861
INTEG. POLLUTION CON	153	77	307	384	-231	175	49	313	362	-187
GRANT AIDED SERVICE	515	425	2792	3217	-2702	808	401	2913	3314	-2506
TOTAL WATER QUALITY	7178	1282	8697	9979	-2801	8258	1154	8936	10090	-1832
FISHERIES	2137	109	2614	2723	-586	2220	411	2412	2823	-603
RECREATION	56	3	320	323	-267	69	6	376	382	-313
CONSERVATION	3	66	782	848	-845	160	10	584	594	-434
NAVIGATION				0	0				0	0
SUB-TOTAL	9374	1460	12413	13873	-4499	10707	1581	12308	13889	-3182
CAPITAL RESTRUCTURING		2		2	-2				0	0
SUB-TOTAL GRANT AID	9374	1462	12413	13875	-4501	10707	1581	12308	13889	-3182
WATER RESOURCES	11381	1084	9978	11062	319	11323	1360	10151	11511	-188
FLOOD DEFENCE	26230	10169	14947	25116	1114	26786	12507	15033	27540	-754
TOTAL	46985	12715	37338	50053	-3068	48816	15448	37492	52940	-4124

	PLANNED 1994/95					PLANNED 1995/96				
	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS (DEFICIT)	INCOME	CAPITAL EXPEND.	REVENUE EXPEND.	TOTAL EXPEND.	SURPLUS (DEFICIT)
CHARGES FOR DISCHAR	7000	484	5945	6429	571	7140	370	5784	6154	986
INTEG. POLLUTION CON	227	37	323	360	-133	236	29	327	356	-120
GRANT AIDED SERVICE	710	250	3099	3349	-2639	761	192	3172	3364	-2603
TOTAL WATER QUALITY	7937	771	9367	10138	-2201	8137	591	9283	9874	-1737
FISHERIES	2820	179	2273	2452	368	2879	201	2180	2381	498
RECREATION	179	116	305	421	-242	237	106	304	410	-173
CONSERVATION	0	28	683	711	-711	0	78	680	758	-758
NAVIGATION				0	0				0	0
SUB-TOTAL	10936	1094	12628	13722	-2786	11253	976	12447	13423	-2170
CAPITAL RESTRUCTURING				0	0				0	0
SUB-TOTAL GRANT AID	10936	1094	12628	13722	-2786	11253	976	12447	13423	-2170
WATER RESOURCES	7287	1020	10018	11038	-3751	11965	1020	9735	10755	1210
FLOOD DEFENCE	25791	11362	14800	26162	-371	26489	11360	15129	26489	0
TOTAL	44014	13476	37446	50922	-6908	49707	13356	37311	50667	-960

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTION £000

FUNCTION : TOTAL

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
SALARIES				
Costs	11434	11957	12286	12618
Superannuation	911	947	974	996
N.I.C.	924	971	1010	1031
Agency, Temps. & Other	120	54	54	57
Voluntary Severance	0	0	266	369
WAGES				
Costs	3478	3482	2725	2816
Superannuation	209	236	200	208
N.I.C.	267	247	211	219
Agency, Temps. & Other	61	1	1	3
Voluntary Severance	0	0	506	380
SUB-TOTAL	17404	17895	18233	18697
Travel & Subsistence	1656	1743	1754	1777
SUB-TOTAL STAFF	19060	19638	19987	20474
Consultants	243	396	410	420
P.L.C. Services	2302	2254	2311	2449
Other H. & C. Services	16960	18401	17011	16642
Equip. Tools & Mats.	5311	5141	4441	4142
Utilities	595	671	637	653
Other Costs	3497	3650	3350	3112
SUB-TOTAL OTHER	28908	30513	28160	27418
TOTAL REGIONAL	47968	50151	48147	47892
Inter-Regional Services	0	0	0	0
- Charges Paid	0	0	0	0
- Income Received	0	0	-42	-42
H.O. & National Costs	2083	2789	2817	2817
TOTAL	50051	52940	50922	50667
=====				
CAPITAL EXPENDITURE	12713	15448	13476	13356
REVENUE EXPENDITURE	37358	37492	37446	37311
	50071	52940	50922	50667
=====				
WORK CONTRACTED OUT				
- Capital	8993	11088	10233	10180
- Revenue	7169	7332	7344	7218
	16162	18420	17577	17398
=====				
WORK CONTRACTED OUT	%	%	%	%
Capital	70.7	71.8	75.9	76.2
Revenue	19.2	19.6	19.6	19.3
TOTAL	32.3	34.8	34.5	34.3
=====				

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTION £000

FUNCTION : WATER QUALITY

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
SALARIES				
Costs	3223	3411	3475	3567
Superannuation	255	207	212	219
N.I.C.	258	281	288	300
Agency, Temps. & Other	12	15	16	16
Voluntary Severance			54	85
WAGES				
Costs	112	99	106	109
Superannuation	6	4	5	5
N.I.C.	8	5	6	6
Agency, Temps. & Other	14			
Voluntary Severance				
SUB-TOTAL	3888	4022	4162	4307
Travel & Subsistence	439	445	454	463
SUB-TOTAL STAFF	4327	4467	4616	4770
Consultants				
P.L.C. Services	512	453	462	471
Other H. & C. Services	1784	1985	1982	1810
Equip. Tools & Mats.	1772	1463	1225	1035
Utilities	107	122	114	117
Other Costs	784	688	649	581
SUB-TOTAL OTHER	4959	4711	4432	4014
TOTAL REGIONAL	9286	9178	9048	8784
Inter-Regional Services				
- Charges Paid				
- Income Received				
H.O & National Costs	693	912	1090	1090
TOTAL	9979	10090	10138	9874
=====				
CAPITAL EXPENDITURE	1282	1154	771	591
REVENUE EXPENDITURE	8697	8936	9367	9283
	9979	10090	10138	9874
=====				
WORK CONTRACTED OUT				
- Capital	101	105	87	76
- Revenue	722	1024	762	721
	823	1129	849	797
=====				
WORK CONTRACTED OUT	%	%	%	%
Capital	7.9	9.1	11.3	12.9
Revenue	8.3	11.5	8.1	7.8
TOTAL	8.2	11.2	8.4	8.1
=====				

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTION.....£000.....

FUNCTION : FISHERIES

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
SALARIES				
Costs	878	887	888	922
Superannuation	70	49	49	50
N.I.C.	72	69	69	71
Agency, Temps. & Other	2	4	4	5
Voluntary Severance			35	32
WAGES				
Costs	44	41	43	44
Superannuation	2	2	2	3
N.I.C.	3	2	2	2
Agency, Temps. & Other	1			
Voluntary Severance				
SUB-TOTAL	1072	1054	1092	1129
Travel & Subsistence	155	170	173	176
SUB-TOTAL STAFF	1227	1224	1265	1305
Consultants				
P.L.C. Services	14	15	15	16
Other H. & C. Services	535	448	378	327
Equip. Tools & Mats.	372	386	205	195
Utilities	34	38	36	37
Other Costs	299	373	289	237
SUB-TOTAL OTHER	1254	1260	923	812
TOTAL REGIONAL	2481	2484	2188	2117
Inter-Regional Services				
- Charges Paid				
- Income Received			-42	-42
H.O & National Costs	242	339	306	306
TOTAL	2723	2823	2452	2381
=====				
CAPITAL EXPENDITURE	109	411	179	201
REVENUE EXPENDITURE	2614	2412	2273	2180
	2723	2823	2452	2381
=====				
WORK CONTRACTED OUT				
- Capital	13	164	88	133
- Revenue	151	140	126	124
	164	304	214	257
=====				
WORK CONTRACTED OU	%	%	%	%
Capital	11.9	39.9	49.2	66.2
Revenue	5.8	5.8	5.5	5.7
TOTAL	6.0	10.8	8.7	10.8
=====				

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTION £000

FUNCTION : RECREATION

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
SALARIES				
Costs	75	47	46	49
Superannuation	6	1	1	1
N.I.C.	7	3	3	3
Agency, Temps. & Other				
Voluntary Severance			1	
WAGES				
Costs	5		1	1
Superannuation				
N.I.C.	1			
Agency, Temps. & Other	0			
Voluntary Severance				
SUB-TOTAL	94	51	52	54
Travel & Subsistence	20	8	8	8
SUB-TOTAL STAFF	114	59	60	62
Consultants				
P.L.C. Services	9	6	6	6
Other H. & C. Services	106	269	239	234
Equip. Tools & Mats.	12	17	60	58
Utilities	2	2	2	2
Other Costs	45	13	23	17
SUB-TOTAL OTHER	174	307	330	317
TOTAL REGIONAL	288	366	390	379
Inter-Regional Services				
- Charges Paid				
- Income Received				
H.O & National Costs	35	16	31	31
TOTAL	323	382	421	410
=====				
CAPITAL EXPENDITURE	3	6	116	106
REVENUE EXPENDITURE	340	376	305	304
	343	382	421	410
=====				
WORK CONTRACTED OUT				
- Capital	1	1	1	1
- Revenue	18	22	17	17
	19	23	18	18
=====				
WORK CONTRACTED OU	%	%	%	%
Capital	33.3	16.7	.9	.9
Revenue	5.3	5.9	5.6	5.6
TOTAL	5.5	6.0	4.3	4.4
=====				

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTION £000

FUNCTION : CONSERVATION

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
SALARIES				
Costs	120	128	137	151
Superannuation	8	4	4	5
N.I.C.	8	7	7	9
Agency, Temps. & Other	1	1		
Voluntary Severance			1	1
WAGES				
Costs	12	2	3	7
Superannuation				
N.I.C.	2			
Agency, Temps. & Other	4	1	1	3
Voluntary Severance				
SUB-TOTAL	155	143	153	176
Travel & Subsistence	25	24	24	26
SUB-TOTAL STAFF	180	167	177	202
Consultants				
P.L.C. Services	14	15	15	16
Other H. & C. Services	441	147	172	182
Equip. Tools & Mats.	44	35	42	49
Utilities	3	4	3	3
Other Costs	29	30	36	40
SUB-TOTAL OTHER	531	231	268	290
TOTAL REGIONAL	711	398	445	492
Inter-Regional Services				
- Charges Paid				
- Income Received				
H.O & National Costs	137	196	266	266
TOTAL	848	594	711	758
=====				
CAPITAL EXPENDITURE	66	10	28	78
REVENUE EXPENDITURE	782	584	683	680
	848	594	711	758
=====				
WORK CONTRACTED OUT				
- Capital	1	1	4	3
- Revenue	70	94	98	99
	71	95	102	102
=====				
WORK CONTRACTED OUT	%	%	%	%
Capital	1.5	10.0	14.3	3.8
Revenue	9.0	16.1	14.3	14.6
TOTAL	8.4	16.0	14.3	13.5
=====				

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTIO £000

FUNCTION : NAVIGATION

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
SALARIES				
Costs				
Superannuation				
N.I.C.				
Agency, Temps. & Other				
Voluntary Severance				
WAGES				
Costs				
Superannuation				
N.I.C.				
Agency, Temps. & Other				
Voluntary Severance				
SUB-TOTAL	0	0	0	0
Travel & Subsistence				
SUB-TOTAL STAFF	0	0	0	0
Consultants				
P.L.C. Services				
Other H. & C. Services				
Equip. Tools & Mats.				
Utilities				
Other Costs				
SUB-TOTAL OTHER	0	0	0	0
TOTAL REGIONAL	0	0	0	0
Inter-Regional Services				
- Charges Paid				
- Income Received				
H.O & National Costs				
TOTAL	0	0	0	0
=====				
CAPITAL EXPENDITURE				
REVENUE EXPENDITURE				
	0	0	0	0
=====				
WORK CONTRACTED OUT				
- Capital				
- Revenue				
	0	0	0	0
=====				
WORK CONTRACTED OU	%	%	%	%
Capital	ERROR	ERROR	ERROR	ERROR
Revenue	ERROR	ERROR	ERROR	ERROR
TOTAL	ERROR	ERROR	ERROR	ERROR
=====				

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTION £000

FUNCTION : WATER RESOURCES

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
SALARIES				
Costs	3213	3279	3315	3400
Superannuation	260	301	303	310
N.I.C.	259	271	274	276
Agency, Temps. & Other	62	19	18	19
Voluntary Severance			65	108
WAGES				
Costs	70	73	73	74
Superannuation	4	3	3	3
N.I.C.	5	3	3	3
Agency, Temps. & Other	15			
Voluntary Severance				
SUB-TOTAL	3888	3949	4054	4193
Travel & Subsistence	397	412	417	419
SUB-TOTAL STAFF	4285	4361	4471	4612
Consultants				
P.L.C. Services	1634	1687	1734	1859
Other H. & C. Services	2751	2825	2474	2151
Equip. Tools & Mats.	1003	871	760	655
Utilities	82	93	88	90
Other Costs	705	920	817	694
SUB-TOTAL OTHER	6175	6396	5873	5449
TOTAL REGIONAL	10460	10757	10344	10061
Inter-Regional Services				
- Charges Paid				
- Income Received				
H.O & National Costs	602	754	694	694
TOTAL	11062	11511	11038	10755
=====				
CAPITAL EXPENDITURE	1084	1360	1020	1020
REVENUE EXPENDITURE	9978	10151	10018	9735
	11062	11511	11038	10755
=====				
WORK CONTRACTED OUT				
- Capital	915	892	967	837
- Revenue	3150	2948	3267	3142
	4065	3840	4234	3979
=====				
WORK CONTRACTED OUT	%	%	%	%
Capital	84.4	65.6	94.8	82.1
Revenue	31.6	29.0	32.6	32.3
TOTAL	36.7	33.4	38.4	37.0
=====				

OPERATING COSTS - SUBJECTIVE ANALYSIS BY FUNCTION £000

FUNCTION : FLOOD DEFENCE

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
SALARIES				
Costs	3925	4205	4425	4529
Superannuation	312	385	405	411
N.I.C.	320	340	369	372
Agency, Temps. & Other	43	15	16	17
Voluntary Severance			110	143
WAGES				
Costs	3235	3267	2499	2581
Superannuation	197	227	190	197
N.I.C.	248	237	200	208
Agency, Temps. & Other	27			
Voluntary Severance			506	380
SUB-TOTAL	8307	8676	8720	8838
Travel & Subsistence	620	684	678	685
SUB-TOTAL STAFF	8927	9360	9398	9523
Consultants	243	396	410	420
P.L.C. Services	119	78	79	81
Other H. & C. Services	11343	12727	11766	11938
Equip. Tools & Mats.	2108	2369	2149	2150
Utilities	367	412	394	404
Other Costs	1635	1626	1536	1543
SUB-TOTAL OTHER	15815	17608	16334	16536
TOTAL REGIONAL	24742	26968	25732	26059
Inter-Regional Services				
- Charges Paid				
- Income Received				
H.O & National Costs	374	572	430	430
TOTAL	25116	27540	26162	26489
=====				
CAPITAL EXPENDITURE	10169	12507	11362	11360
REVENUE EXPENDITURE	14947	15033	14800	15129
	25116	27540	26162	26489
=====				
WORK CONTRACTED OUT				
- Capital	7962	9925	9086	9130
- Revenue	3058	3104	3074	3115
	11020	13029	12160	12245
=====				
WORK CONTRACTED OUT	%	%	%	%
Capital	78.3	79.4	80.0	80.4
Revenue	20.5	20.6	20.8	20.6
TOTAL	43.9	47.3	46.5	46.2
=====				

ANALYSIS OF UTILITY COSTS

£000

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
Coal & Solid Fuel				
Electricity	326	337	342	349
Fuel Oil	11	19	20	20
Gas	24	33	34	35
Fuel (Vehicle & Plant)	191	237	195	201
Lubricants				
Water	43	45	46	48
Effluent				
TOTAL	595	671	637	653

INCOME ANALYSIS

REGION : Severn Trent

£000

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
WATER QUALITY				
Charging for Discharges				
- Application Fee	150	100	100	102
- Annual Consent	6360	7175	6900	7038
H.M.I.P./ I.P.C. Consents				
- Application Fee		25	20	20
- Annual Consent			120	126
Waste Site Licensing	0	300	320	357
Pollution Incidents	153	150	87	90
Other	515	508	390	404
Total	7178	8258	7937	8137
FISHERIES				
Rod Licences				
- Salmon & Migratory			55	56
- Coarse & Trout	1967	1967	2614	2666
Commercial Licences	18	18	15	16
Fish Sales	114	75	78	81
Other	38	160	58	60
Total	2137	2220	2820	2879
RECREATION	56	69	179	237
CONSERVATION	3	160	0	0
NAVIGATION				
Boat Licences				
Tolls				
Other				
Total	0	0	0	0

1 * TOTAL GRANT AIDED

9374	10707	10936	11253
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WATER RESOURCES

Abstraction Charges	10648	10756	6950	11628
Interest Received	576	440	240	240
Other	157	127	97	97
Total	11381	11323	7287	11965

FLOOD DEFENCE

Levies/GDC	24077	24947	23977	24653
MAFF/W.O. Grants	978	1125	1170	1170
L.D. Consents	33	35	39	45
Interest Received	807	320	250	250
Rechargeable Works	25	15	20	25
Other	310	344	335	346
Total	26230	26786	25791	26489

MEMORANDA

Interest in G.A. Services	11	0	5	5
Asset Sales in All Services	140	217	87	173
EC Grants in All Services (See Form FP3a)				

1 • Total income from Grant Aided Functions from external sources

2 • Income reduced by approximately one third to reduce balances to zero

— — — — —

[illegible]

SUMMARY OF PROPOSED CAPITAL PROJECTS

Ε000

FUNCTION:-- WATER QUALITY

.. REGION: Severn-Trent

[illegible]

- No Project Approval

SUMMARY OF PROPOSED CAPITAL PROJECTS

[illegible]

- **No Project Approval**

Note : Recreation spend dependent on income from Newcastle Estate (£75k) and BR Compensation (£30k) in 1994/95; and Lydney (£100k) in 1995/96.

SUMMARY OF PROPOSED CAPITAL PROJECTS

0000

FUNCTION: CONSERVATION

REGION: SEVERN-TRENT

[illegible]

- No Project Approval

Note:

1. Conservation spend dependent on income from sale of Lydney (£60k) in 1995/96.
2. In addition to the above, Conservation accounts for £350k per annum and £250k per annum of the Flood Defence Revenue and Capital budgets respectively.

SUMMARY OF PROPOSED CAPITAL PROJECTS

0000

FUNCTION: ... NAVIGATION

REGION: SEVERN-TRENT

[illegible]

SUMMARY OF PROPOSED CAPITAL PROJECTS

0000

FUNCTION: WATER RESOURCES - VERSION 1

REGION: SEVERN-TRENT

[illegible]

Note : Version 1 and Version 2 are both subject to Board Approval of the National Water Resources Capital Expenditure Programme
Version 1 agrees with FP2
Version 2 does not agree with FP2 as it is the additional bid programme

- **No Project Approval**

SUMMARY OF PROPOSED CAPITAL PROJECTS

£000

FUNCTION: WATER RESOURCES - VERSION 2

REGION: SEVERN-TRENT

PROGRAMME	SITE NAME	PROJECT TITLE	PRIOR YEARS	1994/95	1995/96	1996/97	1997/98	LATER YEARS
		Shropshire Groundwater III (US)	305	500	610	566		
		Deerhurst Gauging Station (LS)		10	160			
		* Stourbridge L.F. Weir (US)	34	90				
		* Yoxall Gauging Station (UT)	6	125				
		North Muskham Gauging Station (LT)		10		145		
		* Dohwa Low Flow Weir (US)					185	
		Tewkesbury Weir Counter (LS)	50	40				
		Severn Estuary Weirs (LS)					200	200
		* Ultrasonic Upgrades (ALL)					200	
		* Knightsford Gauging Station (US)						200
		* Lower Dove (UT)						175
		* Telemetry Replacement (ALL)					100	300
		* Small Schemes (ALL)		40				
		Observation Boreholes (All)		100				
		Besford Bridge (LS)		74				
Additional Bid for 1995/96								
		Drakelow Gauging Station (UT)			165			
		Hamstall Ridware G.S. (UT)			35			
		Offenham G.S. (LS)			91			
		Bow Brook Flow Support (LS)			25			
		Glynch Brook G.S. (LS)			24			
		* Small Schemes (ALL)			50			
Additional Bid for 1996/97								
		* Shropshire Groundwater Scheme (US)				59		
		Sherbourne Flow Support (LS)				50		
		Badsey Brook Flow Support (LS)				50		
		* Small Schemes (ALL)				25		
PROJECTS UNDER £25,000								
		ALLOCATION OF MULTIFUNCTIONAL C	XXXXXX	587	245	309	35	XXXXXX
		TOTAL FUNCTION CAPITAL EXPENDITURE (TO AGREE WITH FP2)	395	1576	1410	1204	1020	875

Note : Version 1 and Version 2 are both subject to Board Approval of the National Water Resources Capital Expenditure Programme.
 Version 1 agrees with FP2
 Version 2 does not agree with FP2 as it is the additional bid programme

- No Project Approval

SUMMARY OF PROPOSED CAPITAL PROJECTS

£000

FUNCTION : FLOOD DEFENCE I

REGION: SEVERN-TRENT

PROGRAMME	SITE NAME	PROJECT TITLE	PRIOR YEARS	1994/95	1995/96	1996/97	1997/98	LATER YEARS
	Upper Severn	Shrewsbury FAS	25	434	1094	2270	638	
		R Severn Argae Imp. Haimwood Wales	26	2	82	22		
		R Vyrnwy Llanyrnach to Rhandregynw	29	6	184	47		
		R Vyrnwy Argae The Shores To the Ark	17	6	211	54		
		Flood Plain Mapping R Severn	106		142			
		Upper Severn Asset Survey	115	146				
		R Vyrnwy Argae Melverley to the Shores	15		5	215	53	
		R Roden Commonwood Embankments	3		9	364	93	
		Floodplain Mapping R Teme	69	11	126			
		New Cut Argae R Severn			10	632	161	
		Floodplain Mapping R Vyrnwy	18	62	6	76		
	Lower Severn	R Chelt Improvement	17		13	560	269	
		Mitchells Salt Rhine to New Pill-Outfalls	77	36	1181	640		
		Stanchard Pit Weir	1302	144				
		Abbey Mill Tilting Gate	713	456	226			
		Lucys Mill, Pershore, Nafford, Stanchard Pit Slu	25	12	591	151		
		Refurbishment of R Avon Weirs	60		4	225	58	
		River Lyd - Lydney FAS	406	503	92			
		Erosion Protection - Alvington	11		9	484	124	
		Priding to Bush Crib, Longney	378	1122	552			
		Stratford FAS	1		2	110	26	
		Gloucester Depot	116	183				
		Severn Bore to The Denny	2			5	373	
		The Denny to Highcross Farm	5			15	880	649
		Chaceley Stock Outfall		5	173	46		
		Lower Severn Fluvial Asset Survey	23		166	69		
		Refurbishment of Fladbury Weir			2	85	20	
		Reconstruction of Chadbury Sluice	10	174				
		Refurbishment of Evesham Weir	23	241				
		Floodplain Mapping R Arrow/Alne	14	57	42			
		Hock Ditch Frontage Floodbank Protection	2	2	144	37		
		New Sea Wall Severn beach	10	7	276	75		
		Binn Wall Improvements Contract 2	1611	520	117			
		Binn Wall Improvements Contract 3	4	561	214			
		Binn Wall Improvements Contract 4				4	1319	
	Upper Trent	Floodplain Mapping R Leam	13	53		46		
		Lyme Brook - Newcastle FAS	563	511	234			
		Floodplain Mapping Sow/Penk	83	58				
		Floodplain Mapping R Dove	127	6	52			
		Floodplain Mapping R Tame	105	45				
		Floodplain Mapping Upper Trent	90	6	99			
		Upper Trent Asset Survey West Midlands			70	106	117	
	Lower Trent	Cotes to Quorn Regrading & Cotes Mill	251	616	72			
		PROJECTS UNDER £100,000	XXXXXX	496	207	192	566	XXXXXX
		ALLOCATION OF MULTIFUNCTIONAL C	XXXXXX	181	524	611	300	XXXXXX
		TOTAL FUNCTION CAPITAL EXPENDITURE (TO AGREE WITH FP2)	8242	11362	11360	11770	11371	649

SUMMARY OF PROPOSED CAPITAL PROJECTS

[illegible]

Note: Total for Flood Defence Capital Projects is shown on FP4 Flood Defence 1, along with Multifunctional Allocations and Total of Projects under £100,000.

Total Flood Defence Capital Expenditure on Flood Defence 2 is a subtotal of Flood Defence 1 and therefore does not agree with FP2.

SUMMARY OF PROPOSED CAPITAL PROJECTS

[illegible]

* Proportion allocated to Functions takes account of the beneficiary of each IS National project.

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : WATER QUALITY

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
Pollution Incidents/Emergency	483	843	938	915
Consenting	428	827	920	897
Discharge Monit'ng & Control	735	434	483	471
Charging for Discharges	18	120	133	130
Monit'ng of Controlled Waters	796	779	867	845
Pollution Prevention	538	851	946	923
Planning & Development Control	31	276	307	299
Promotion & Advisory Service	42	29	32	31
Miscellaneous	1040	459	511	499
SUB TOTAL	4111	4618	5137	5010
Laboratory Costs	1517	1440	1100	1140
Other Support Services	1906	1849	1968	1968
Head Office charges	445	466	629	629
Rechargeable Works	150	116	72	75
Depreciation	522	550	705	780
SUB TOTAL	8651	9039	9614	9602
R & D - National Projects	568	447	461	461
- Regional Costs		0		
TOTAL SERVICE COSTS	9219	9486	10072	10063

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : FISHERIES

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
Enforcement	386	316	282	260
Regulation	102	157	140	129
Monitoring	325	134	119	110
Physico/Chemical Improv'ts	11	33	29	27
Rearing & Stocking	161	273	243	224
Fish Mortalities	78	192	171	158
Planning & Develop Control	46	49	44	40
Promotion & Advisory Serv	244	137	122	113
Operational Investigations	114	58	52	47
SUB TOTAL	1467	1349	1202	1108
Laboratory Costs			48	49
Other Support Services	708	710	703	703
Head Office charges	310	257	199	199
Rechargeable Works	12	14	14	14
Depreciation	73	100	123	135
SUB TOTAL	2570	2430	2289	2208
R & D - National Projects	117	82	107	107
- Regional Costs		0		
TOTAL SERVICE COSTS	2687	2512	2396	2315

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : RECREATION

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
Facility Management	77	53	37	37
Planning & Development Control	3	142	98	98
Promotion & Advisory Serv	107	96	67	67
Operational Investigations	26	5	4	3
SUB TOTAL	213	296	206	205
Support Services	60	64	68	68
Head Office charges	39	14	24	24
Rechargeable Works				
Depreciation	4	4	5	6
SUB TOTAL	316	378	303	303
R & D - National Projects	8	2	7	7
- Regional Costs		0		
TOTAL SERVICE COSTS	324	380	310	310

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : CONSERVATION

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
Operational Appraisal	107	123	133	132
Site Management	23	21	23	23
Planning & Development Control	10	54	58	57
Promotion & Advisory Serv	251	76	82	81
Operational Investigations	14	0		
SUB TOTAL	405	274	296	293
Support Services	109	114	121	121
Head Office charges	92	62	109	109
Rechargeable Works				
Depreciation	26	25	28	38
SUB TOTAL	632	475	554	561
R & D - National Projects	176	134	157	157
- Regional Costs		0		
TOTAL SERVICE COSTS	808	609	711	718

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : NAVIGATION

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
Dredging				
Banks & Embankments				
Structures				
Obstruction Clearance				
Emergency Works				
Regulation & Enforcement				
Promotion & Advisory Service				
Operational Investigations				
SUB TOTAL	0	0	0	0
Support Services				
Head Office charges				
Rechargeable Works				
Depreciation				
SUB TOTAL	0	0	0	0
R & D - National Projects				
- Regional Costs				
TOTAL SERVICE COSTS	0	0	0	0

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : WATER RESOURCES

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
Hydrometry	913	1562	1543	1477
Resource Planning	658	280	277	265
Licencing	890	1056	1043	998
Operational Management	2937	156	154	147
Resource Protection	414	3455	3413	3267
Planning & Development Control	533	354	350	335
Promotion & Advisory Service	244	14	14	13
SUB TOTAL	6589	6877	6794	6502
Laboratory Costs	257	316	252	261
Other Support Services	2141	2138	2219	2219
Head Office charges	712	616	556	556
Rechargeable Works	110	76	59	59
Depreciation	693	690	728	788
SUB TOTAL	10502	10713	10608	10385
R & D - National Projects	169	128	138	138
- Regional Costs		0		
TOTAL SERVICE COSTS	10671	10841	10746	10523

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : FLOOD DEFENCE

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
Dredging	625	372	370	381
Aquatic Weed Cutting	501	627	624	642
Banks & Embankments	2388	3666	3648	3753
Structures	500	820	816	840
Obstruction Clearance	1625	963	958	986
Pumping Stations	313	163	162	167
Emergency Works	313	961	956	984
Sub Total FLUVIAL	6265	7572	7534	7753
Dredging	74	44	44	45
Aquatic Weed Cutting	59	74	74	76
Banks & Embankments	281	430	428	440
Structures	59	96	95	98
Obstruction Clearance	191	113	112	116
Pumping Stations	37	19	19	19
Emergency Works	37	113	112	116
Sub Total TIDAL	738	889	884	910
Banks & Embankments	154	190	189	195
Shingle Banks				
Foreshore				
Natural Defences				
Hard Defences				
Structures				
Emergency Works				
Sub Total SEA DEFENCES	154	190	189	195
Regulation & Enforcement	239	392	390	401
Flood Warning service	518	332	330	340
Planning & Development Control	1038	641	638	656
Promotion & Advisory Service	239	36	36	37
Direct Policy & Management	1158	1057	1053	1081
Miscellaneous	795	199	198	204
Sub Total GENERAL	3987	2657	2645	2719
SUB TOTAL	11144	11308	11252	11577
Support Services	3071	3146	3102	3102
Head Office charges	489	431	323	323
Rechargeable Works	80	12	16	20
Depreciation	1285	1875	2135	2438
SUB TOTAL	16069	16772	16828	17460
R & D - National Projects	163	136	107	107
- Regional Costs		0		
TOTAL SERVICE COSTS	16232	16908	16935	17567

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : SUPPORT SERVICES

REGION : Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
Personnel	958	817	701	701
Management services		164	169	169
Administration	3061	2970	3277	3276
Public Relations	301	269	255	255
Corporate Planning		122	98	98
Legal Services	438	329	310	310
Estates	202	147	150	150
Information Services	2049	2224	2235	2235
Finance	803	716	685	685
Audit				
Direct Policy & Management	557	638	650	650
Laboratories	1774	1756		
Research & Development			1	1
TOTAL SUPPORT COSTS	10143	10152	8531	8530

N.B This statement is prepared on an I & E basis

ANALYSIS OF REVENUE COSTS BY FUNCTION AND ACTIVITY

FUNCTION : TOTAL SERVICES

REGION : Severn-Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNED 1994/95	PLANNED 1995/96
Water Quality	4111	4618	5137	5010
Fisheries	1467	1349	1202	1108
Recreation	213	296	206	205
Conservation	405	274	296	293
Navigation	0	0	0	0
Water Resources	6589	6877	6794	6502
Flood Defence	11144	11308	11252	11577
SUB TOTAL CORE FUNCTIONS	23929	24722	24887	24695
Laboratory Costs	1774	1756	1400	1450
Other Support Services	7995	8021	8181	8181
Head Office charges	2087	1846	1840	1840
Rechargeable Works	352	218	161	168
Depreciation	2603	3244	3724	4185
SUB TOTAL	38740	39807	40193	40519
R & D - National Projects	1201	929	977	977
- Regional Costs	0	0	0	0
TOTAL SERVICE COSTS	39941	40736	41170	41496

N.B This statement is prepared on an I & E basis

SUMMARY OF ADMINISTRATIVE COSTS

£000

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNE 1995/96
STAFF COSTS				
-Administration	1365	1354	1391	1391
-Legal Services	228	207	194	194
-Estates	108	121	125	125
-Public Relations	84	95	98	98
-Information Systems	434	426	441	441
-Finance	435	475	492	492
-Personnel	368	433	435	435
TOTAL STAFF COSTS	3022	3111	3176	3176
BOUGHT IN SERVICES				
-Administration	594	513	503	503
-Legal Services	34	42	44	44
-Estates	30	18	19	19
-Public Relations	235	211	199	199
-Information Systems	1319	1211	1179	1178
-Finance	190	187	188	188
-Personnel	546	464	482	482
TOTAL BOUGHT IN SERVI	2948	2646	2614	2613
OFFICE & ACCOM. COSTS				
-Rent, Rates	835	948	1135	1135
-Construction Costs				
-Fitting Out Costs	17	56	28	28
-Cleaning / Security	21	26	27	27
-Repair & Maintenance	55	55	57	57
-Removals				
-Power	144	145	145	145
-Telephones, Postage etc	421	477	486	486
-Stationery, Consumables	177	188	185	185
-Office Equipment	786	781	762	762
TOTAL OFFICE & ACCOM	2456	2676	2825	2825
INSURANCE	88	99	103	107
TOTAL REGION ADMIN. C	8514	8532	8718	8721

This form to be completed in cash, not on an income & expenditure basis.

FLOOD DEFENCE ACCOUNT

£000

REGION: Severn Trent

	ACTUAL 1992/93	BUDGET 1993/94	PLANNE 1994/95	PLANNED 1995/96
BALANCES B/FWD				
- Section 47	2551	3665	1907	1525
- Special Asset Replacement Fund				
TOTAL BALANCES B/FWD	2551	3665	1907	1525
INCOME				
Local Authority Levies	23520	24370	23420	24076
General Drainage Charges				
Internal Drainage Boards	557	577	557	577
Capital Grants & Contributions	978	1125	1170	1170
Sale of Assets	126	180	160	160
Interest	807	320	250	250
Other Income	242	214	234	256
Total Income	26230	26786	25791	26489
EXPENDITURE				
- Operating Costs (Exc. Deprec.)	14947	15033	14800	15129
- Capital Expenditure - Tangible	8625	10228	5804	6511
- Capital Expenditure - Intangible	1544	2279	5558	4849
Total Expenditure	25116	27540	26162	26489
SURPLUS / (DEFICIT) FOR YEAR	1114	-754	-371	0
BALANCES C/FWD				
- Section 47	3665	2911	1536	1536
- Special Asset Replacement Fund				
TOTAL BALANCES C/FWD	3665	2911	1536	1536

NATIONAL, REGIONAL AND AREA COSTS

	PLANNED £000	1994/95 F.T.E.	PLANNED £000	1995/96 F.T.E.
REGIONAL H.O	12625		12947	
NATIONAL H.O	2817 //////////////		2817 //////////////	
Upper Trent :-				
AREA 1	6306		6132	
Lower Trent :-				
AREA 2	12295		11066	
Upper Severn :-				
AREA 3	7680		8847	
Lower Severn :-				
AREA 4	9199		8858	
TOTAL REGION	50922	0	50667	0