

EA-MIDLANDS
Box 5



ENVIRONMENT AGENCY

midlands

regional review and forward look

The Environment Agency takes a strategic and integrated view of managing and improving the environment across England and Wales. In carrying out our work we aim to be open and business-like in all that we do.

The themes identified in the Agency's Environmental Strategy have been drawn together in an illustration which, along with its components, appears throughout this document.



Addressing Climate Change



Regulating Major Industries



Improving Air Quality



Managing Waste



Managing Water Resources



Delivering Integrated River-basin Management



Conserving the Land



Managing Freshwater Fisheries



Enhancing Biodiversity



Business Development

The illustration will be used in the design of corporate literature, the Agency's Internet site and some exhibition materials.

I would *(please tick box)*:

like to make some comments on the Agency's future priorities and plans.

like further details on the matters I have specified below.

Name:

Address:

Post Code:

Alternatively, you may write in more detail to the address shown on the reverse of this card. The closing date for the replies is 6th November 1998. Thank you.

**Richard Mains-Smith,
Corporate Planning Manager**

**Environment Agency
Midlands Region
Sapphire East
550 Streetsbrook Road
Solihull
B91 1QT**

*Please
affix
stamp
here*



introduction

The Environment Agency held its first Annual General Meeting (AGM) in September 1997. The Agency Board decided to extend this consultation process to demonstrate its real commitment to openness and accountability by holding national AGMs in England and Wales and seven regional AGMs in September 1998. As well as being open to the public, people representing a wide range of interests are being invited to attend these events.

The purpose of each AGM is to enable the Agency to report on its recent achievements, outline current work and consult on some of our key priorities. This feedback will be used in our future planning.

To help this process we will present three national documents at our AGMs – our Annual Report and Accounts, Annual Corporate Plan, and first Environmental Report. This fourth document reviews some of our achievements in 1997/98, outlines our work for 1998/99 and looks further ahead to 1999/2000 at a regional level.

There are eight regional documents – one for each of our regions. They aim to provide a link between our national Environmental Strategy, Corporate Plan and our local plans which we call Local Environment Agency Plans (LEAPs). Due to the strategic nature of this document, we cannot cover all our routine daily work activities, although we would be happy to hear your views on these at any time.

This document is structured around the nine themes of our Environmental Strategy. It sets out how we intend to take forward an integrated and long-term approach to the management of the environment, and how we will make an effective contribution towards achieving sustainable development. The nine principal themes which the Agency, in partnership with other groups, will address over the medium to long term are:

- Addressing climate change
- Regulating major industry
- Improving air quality
- Managing waste
- Managing water resources
- Delivering integrated river-basin management
- Conserving the land
- Managing freshwater fisheries
- Enhancing biodiversity

A map highlighting some of the local actions to improve the environment is included at the back of this booklet for cross-reference with the text. You can also read and download this document, and the other publications, from our Internet site at www.environment-agency.gov.uk or obtain copies from our offices. Addresses are listed on the inside back cover.

regional general manager's foreword

Over the last year, we have been able to concentrate on establishing an integrated staffing structure, whilst implementing a broad range of efficiencies and achieving key environmental improvements. Due to the commitment demonstrated by staff, the region is in a strong position to look forward to the challenges ahead.

Midlands Region has a number of unique features. By virtue of its location, the region has a pivotal role in the development of national water resources, with the Rivers Severn and Trent already providing water to other Regions. Midlands Region has a rich variety of wildlife, habitats and landscapes, many protected by statutory designations.

The region's industrial heritage has left a legacy of potentially contaminated sites and derelict land. Currently, industry in the Midlands is characterised by diversity and is generally small in scale. The nature of the businesses, and the environmental issues they generate, necessitates special approaches. We are developing special techniques for waste minimisation and pollution prevention applicable to Small and Medium-sized Enterprises particularly.

At the hub of the transport networks, vehicle emissions, vehicle production and methods of servicing are major environmental threats. We are working with local authorities and the Government Offices of the East and West Midlands to propose solutions.

The Agency is committed to a programme of local action through Local Environment Agency Plans (LEAPs) which provide communities with a local agenda for environmental improvement. LEAPs translate the Agency's long-term environmental strategy into real-world targets and action on the ground. Half of the 14 LEAPs covering Midlands Region have been completed, with the remainder due for completion by December 1999. The actions generated in consultation by the LEAPs process are available on a CD-ROM. Our Area Environment Group members are actively involved in advising our staff and promoting LEAPs at the local level.

1997/98

Native brown trout in the River Dove are threatened by land use and competition from stocked fish. Our study showed genetic fingerprinting to be a possible means of identifying threatened stocks. This will assist in their future protection.

The River Tern has suffered in the past from agricultural and development pressure. In collaboration with local industry, we improved the fishery habitat and angling facilities on the river and on a local stillwater, including disabled access and fish refuges.

1998/99

Coarse fish fry in the River Trent and River Tame are vulnerable to being washed out of their nursery grounds by high flows or killed by intermittent pollution. We will construct off-line pools along the rivers to act as refuges. Studies will also take place on the River Trent into coarse fish movement and food availability. (23)

The National Coarse Fisheries Centre at Kidderminster will be fully operational, providing a focus for fisheries science, managing the research programme, facilitating best practice and assisting development of policy for still-waters and introduced species.

We will develop still-water and river fisheries and disabled facilities at Shrewsbury and Telford, and assess the potential for further work in the Stour catchment to provide disabled access.

1999/2000

We will remove barriers to upstream reaches of the River Erewash in order to improve and enhance the fish population in the upper river. (24)

Improvements will be made to coarse fish and elver passes on the River Avon, River Severn and River Teme to help the migration of fish.

The Agency has just launched, for consultation, our Salmon Action Plan for the River Severn. This identifies many of the possible causes for reduced catches in recent years which, subject to funding, we will seek to address during 1999 and beyond.

We will construct salmon passes at Tetshill Weir (River Rea), Knapp and Hopton Court Weirs (Leigh Brook).





enhancing biodiversity

Midlands Region is protecting four species identified in the UK Biodiversity Action Plan. As a general approach to biodiversity we will work for improvements wherever possible whilst defending the vital principle of no deterioration, particularly with regard to conservation. Some specific achievements and planned actions towards improving biodiversity are:

1997/98

Work was completed on the construction of four artificial otter holts in the Lower Idle. (25)

The River Sowe was restored where it flows through Longford Park, Coventry, by remodelling a canalised section to improve habitat diversity, in partnership with Coventry City Council.

We managed several wetland areas of high conservation interest in the Upper Severn Area in partnership with the Wildlife Trusts, Severn Trent Water and others.

1998/99

We will manage Shropshire Meres & Mosses, in partnership with Shropshire County Council, English Nature and Wildlife Trust, to safeguard and improve these internationally important wetland areas. (26)

Work has begun on a programme for the re-introduction of salmon to the River Trent. We will set up a Salmon Trust and stock the River Dove annually with 150,000 salmon fry from Northumbria.

Investigations will be concluded, in association with partners, to establish the feasibility, and to plan for the restoring, of summer low flows in Lathkill Site of Special Scientific Interest (SSSI) and restore water levels in Vicar Water Pool.

A project on the extent of non-native crayfish in the region is being led by Lower Trent Area in order to prevent their spread and to protect our native species.

1999/2000

Habitats Directive – we will carry out a review of Agency authorisations affecting four key sites of European conservation



licensing policies to incorporate 'time limit' criteria appropriate to the risk to the resource and the environment.

Astra Pharmaceuticals at Loughborough is to install an Agency-authorised combined heat and power scheme, which will improve site energy efficiency dramatically.

1999/2000

Ironbridge power station is to reduce emissions of SO₂ and nitrogen oxides (NO_x) by 60 percent and 20 percent respectively on 1997/98 levels. (3)

Rugeley and Drakelow coal-fired power stations will introduce dual-fuel firing with coal burning limited to winter only.



regulating major industries

We will regulate industries through the implementation and enforcement of legislation and work with them to prevent or minimise harmful discharges to land, air or water and by developing best practice. Some specific achievements and planned actions we will be taking to regulate major industries are:

1997/98

As a result of the Agency's Integrated Pollution Control (IPC) four-year review, Blue Circle at Hope, Derbyshire, applied for a variation to the authorisation to include the introduction of bag filters to reduce particulate releases. (4)

We completed three large-scale multi-functional audits of industrial processes at Rugby Cement (Southam, Warwickshire), Albright and Wilson (Oldbury, West Midlands) and Rhone Poulenc (Staveley, Derbyshire) with follow-up reviews with site management to identify opportunities for improvement through better environmental management systems.

The West Midlands Regional Environmental Business Mapping and Directory project was undertaken in collaboration with the private and public sector. This involved surveying existing environmental business activities and initiatives within the region and presenting the information as a directory and Website to promote best practice.

Authorisation was varied for the Transco site at Churchover to allow a major £15 million investment programme to reduce emissions of carbon monoxide and NO_x.



1998/99

New and improved authorisation for the major industrial nuclear site in the region at Rolls Royce in Derby is to be issued. (5)

IMI Refiners are to introduce modifications to allow an increased proportion of low-grade feedstocks and reduced use of anode furnaces for melting to reduce lead releases to air.

Seven prosecutions are being progressed for environmental breaches across the region under the Integrated Pollution Control (IPC) and Radioactive Substances regime.

1999/2000

Continue work within the Small and Medium-sized Enterprise (SME) strategy framework with certain identified sectors such as the ceramics industry. (6)

Begin roll-out of an Integrated Pollution Prevention and Control (IPPC) licensing regime which will simplify site regulation, yet broaden the regulatory controls over waste minimisation and energy efficiency.

Buxton Lime Industries at Tunstead will install new scrubbers and RMC Industrial Minerals Limited at Hindlow, Buxton, will install a new bag filter to reduce particulate emissions.



improving air quality

We are targeting harmful emissions to air through our regulation of industrial processes and working with partners in the Midlands to reduce car commuting. Some specific achievements and planned actions we will be taking to improve air quality are:

1997/98

We enforced the closure of the existing Dudley incinerator and authorised a new £20 million plant which will lead to reductions in sulphur dioxide (SO₂), nitrogen oxides (NOx) and dioxins. (7)

In collaboration with local authorities, the region has established and maintains an air quality database for the Midlands. This contributes to the development of Air Quality action plans.

A major air pollution episode, focused around Doncaster, attracted significant public attention across three counties. It was



unravelling using monitoring data and computer modelling, demonstrating the role the Agency is uniquely equipped to play in region-wide incident management.

We worked with West Midlands Travelwise to produce best practice guides to help businesses reduce car commuting and to promote the use of public transport/car sharing amongst their employees.

1998/99

We will authorise Rugby Cement's new £120 million cement works leading to the closure of two existing works in the region. A major environmental benefit will be large reductions in the amount of dust, SO₂ and NO₂ emissions. (8)

We authorised Polymer Latex's new £5 million production unit which will reduce butadiene emissions.

We will develop a regional action plan for air quality to target Agency effort and support local authorities.

Anticipating that the corridor along the M6 through the West Midlands conurbation will be a Zone of Industrial Pollution Sources (ZIPS), we are working specifically with Walsall and Sandwell Metropolitan Borough Councils to examine lead in air/land and general airborne pollution nuisance. The particular areas under consideration are in Pleck and Oldbury.

We will impose an improvement programme to reduce Volatile Organic Compound (VOC) emissions at Courtauld's in Derby significantly.

1999/2000

Our initial work with Zones of Industrial Pollution Sources (ZIPS) is to identify them and outline the work that we propose. In 1999-2000 we will develop the theoretical modelling work and become more involved in local issues as identified from the work and from local authority investigations.



managing waste

The Agency's main responsibility for waste management is to regulate the treatment, storage, movement and disposal of waste, enforcing the legislation when necessary. The region works closely with industry to minimise waste and also with local authorities to tackle the problem of fly-tipping. Some specific achievements and planned actions for managing waste are:

1997/98

Waste minimisation schemes have been supported across the region including: Central Warwickshire and Gloucestershire, Hereford and Worcestershire and Leicestershire. (9)

A high regulatory profile was maintained in the region including over 33,000 inspections of licensed waste management sites and 42 successful prosecutions of illegal waste management.

Using the recently published Clinical Waste Best Practice Guide, the region has supported two major NHS Trust hospitals to assess/improve healthcare waste management practice.

A good practice guide and video for landfill site management and restoration, funded through the Landfill Tax, were produced in partnership with a major waste management contractor.

1998/99

Midlands Region is leading the development of joint procedures and guidance with local authorities, police and others for the management of fly-tipping. This will link with environmental best practice initiatives to prevent and control poor waste management. (10)

The region is preparing and piloting a Small and Medium-sized Enterprise (SME) strategy linking waste management with water quality protection to identify geographic and sector targets for environmental improvements in SMEs.

The Waste Survey to inform development of the National Waste Strategy and to promote environmental compliance and good practice will start this year, involving up to 5,000 waste producer surveys in the Midlands.

Up to 200 Producer Responsibility inspections will be undertaken to monitor compliance with packaging waste recovery/recycling targets.

1999/2000

A collaborative report with Tidy Britain Group, Local Government Association and the Agency (represented by Midlands Region) on the occurrence and factors influencing fly-tipping will be prepared. (11)

The regional SME strategy, and initiatives to support it, will be developed further.



Implementation of the Integrated Pollution Prevention and Control (IPPC) Directive in the UK will give statutory backing to waste minimisation and the Best Practice Environmental Option for wastes found at waste producers and at licensed recovery or disposal sites (up to 400) in the region.



managing water resources

Restoration of water levels and ensuring adequate resources for water abstractors in the Severn and Trent basins are key challenges. Some specific achievements and planned actions to manage our water resources are:

1997/98

During 1997/98, the Upper Trent Area worked in partnership with South Staffs Water and Lichfield District Council to combat the low water levels in Stowe pool. (12)

Outline schemes were negotiated, as part of the Periodic Review discussions with water companies, to resolve (or significantly improve) the resource balance affecting 11 low flow sites. Sites include: River Worfe, Croxden Brook, Dover Beck, Rainworth Water, Battlefield Brook, Blakedown Brook, Bow Brook, Hewell Grange Lake Site of Special Scientific Interest (SSSI), River Sherbourne and Burntwood Pools.

1998/99

Construction will commence in tandem on phases 4 and 5 of the Shropshire Groundwater Scheme. Development of the phases is being accelerated to ensure the Agency has resources to meet the need to maintain and protect River Severn flows in the face of revised yield figures and demands on the system. (13)

We are contributing to 'Turning the Tide', an environmental awareness campaign in the East Midlands, along with local media, councils and other partners. The first campaign in May was the single largest water conservation promotion in the UK, with over 25,000 water butts being installed by residents and businesses.

River-flow gauging stations will be constructed at Churchover on the Swift and at Lilbourne on the Avon. The River Swift site is to support studies in hand to resolve low flow issues in this river. The Lilbourne site is to support integrated studies on the Avon system.



1999/2000

We will review existing resources and re-appraise long-term licensed yields to reduce over-abstraction from the Forsbrook aquifer and protect base flow in the River Blithe. (14)

We will undertake a feasibility study to identify the potential uses and risks to property of rising groundwater levels beneath Nottingham. (15)

A revised water resources strategy will be published which includes conclusions from the third Periodic Review of water company prices and supports the development of a revised national strategy.



delivering integrated river-basin management

River-basins are managed in an integrated way and at the local level through Local Environment Agency Plans (LEAPs). These plans include delivering continued improvements in overall water quality and effective flood defence. Some specific achievements and planned actions towards integrated river-basin management are:

1997/98

The opening of the 'Severn Way' by Environment Minister, Angela Eagle. The Severn Way is a continuous footpath alongside Britain's longest river created by a partnership of local authorities led by the Environment Agency. (16)

The region has completed working arrangements with all fire brigades in the Midlands to provide training and first-line pollution prevention equipment to help manage the environmental impact of road traffic accidents.

Major flood protection works to the value of £8 million were undertaken on the River Severn near Avonmouth, the River Trent in Nottingham and the River Soar at Pillings.

1998/99

We will implement recommendations from the Independent Review following the Easter floods on the River Avon and River Wreake. In particular, we will review the flood protection and warning arrangements and the control of development in the floodplain across the region. (17)



As part of the National Environment Research Council URGENT programme, focused on the West Midlands, the region will be collaborating with a multi-university research team to assess environmental and ecological aspects of urban drainage in the Tame catchment. This will focus on sustainable management of urban rivers.

Major flood protection works will include completion of the weirs and sluices on the River Avon and protection at Burton-upon-Trent and Derby on the River Derwent.

1999/2000

All through the three years there will be ongoing flood protection work at Gainsborough on the River Trent. This is a piled river frontage and promenade behind, part funded by the Gainsborough Development Corporation with the longer term aim of regenerating the town centre. Anticipated spend is: 1997/98 – £2.7 million; 1998/99 – £3.1 million.

Water quality improvements to 182 kilometres of river (Stour, Chelt, Tame, Blakedown Brook) arising from water company investment in sewerage and sewage works are planned.

Flood protection works on the River Severn near Lydney and Finham Brook in Coventry are planned. (19)



conserving the land

Our main duty is in terms of protecting groundwater, working with others to clean up contaminated land and in future having responsibility for "special sites". Some specific achievements and planned actions towards conserving the land are:

1997/98

We worked with Walsall Metropolitan Borough Council to identify the source of contaminated groundwater discharges from Slacky Lane landfill site into the Rough Brook. (20)

We worked with Groundwork and other partners to produce an Environmental Good Practice Guide for the Development/Redevelopment of Industrial and Commercial Sites.

1998/99

Proposals are in hand to redevelop contaminated and other industrial land in the centre of Kidderminster to secure lasting

environmental improvements. Through constructive negotiations between the Agency, Wyre Forest District Council and the developer, a previously culverted section of the River Stour running through Kidderminster is to be deculverted and naturalised. (21)

The relaunch of the Agency's Policy and Practice for the Protection of Groundwater will coincide with the consultation by Government of the new Groundwater Regulations. This will significantly strengthen the Agency's ability to prevent future soil and water contamination.

The region, in association with the National Centre for Groundwater and Contaminated Land, has led an initiative to distribute an information booklet and a video on the role of groundwater in the environment to all school sixth-forms in the country. The booklet and video will stress the importance of including groundwater protection and management within environmental education.

We will seek the clean-up of hydrocarbon/solvent contaminated soils and groundwater in Colwick, Nottingham, and Tunstall, Stoke-on-Trent.

1999/2000

The National Groundwater and Contaminated Land Centre will be involved in a project in partnership with the region to look at the processes by which groundwater is influenced by land use. It will be based around Kidderminster, which has a variety of land uses. (22)

We will seek the instigation of remedial works as necessary following investigation of contaminated groundwater at Leek. We will also seek the remediation of further sites, using Supplementary Credit Approval funds as appropriate.

Subject to legislation, we will commence management of special sites and liaison with local authorities on contaminated land surveys.



managing freshwater fisheries

We have over 245,000 rod licence holders in the region and are working to ensure a wide range of good quality fishing. Some specific achievements and planned actions which help us manage freshwater fisheries are:

The National Groundwater and Contaminated Land Centre and the National Coarse Fisheries Centre are based at Olton and Kidderminster respectively. This document includes some of their activities, which have a national dimension.

If you would like any further information about our first Regional Review and Forward Look, or would like to make any general or specific comments on our priorities and future plans, please contact Richard Mains-Smith, Regional Corporate Planning Manager on telephone number 0121 7115814 at our Regional Headquarters by November 6, 1998. Alternatively, you can write to me at the following address:

Dr David P F King (*Regional General Manager*)

The Environment Agency, Sapphire East,
550 Streetsbrook Road, Solihull, B91 1QT

regional review and forward look



addressing climate change

Perhaps the most important issue affecting our environment in the long term is climate change. Landfill sites and the burning of fossil fuels emit gases into the atmosphere which are believed to be major contributory factors. Some specific achievements and planned actions to help reduce the human contribution to climate change, and to prepare for possible impacts are:

1997/98

The Region enforced planned reductions in sulphur dioxide (SO₂) and nitrogen oxide (NO₂) emissions from six coal-fired power stations which led to carbon dioxide (CO₂) reductions. Improved CO₂ reporting will help establish baselines against which to monitor further reductions. (1)

Active landfill gas extraction systems were introduced at four major landfill sites in the Region: Bromsgrove (Worcestershire), Ellesmere (Shropshire), Bootham Lane (Rotherham) and Ling Hall (Warwickshire). These systems will reduce greenhouse gas emissions and control odour.

The region carried out a full reassessment of the water resources yields using Agency-developed scenarios designed to take account of changing climate patterns. A specific exercise was completed to review the yield of the River Severn system to assess the impact on our ability to support River Severn flows.

1998/99

We will conclude a feasibility study into joint hydropower generation and flow measurement structure at Norchard's Drift, a major point of discharge from disused mine workings in the Forest of Dean. (2)

At least four further landfill sites will be encouraged to adopt landfill gas extraction, including Bradgate landfill (Leicestershire), where the gas will be used to generate electricity.

In order to deal with future uncertainty in water resource yields, the region has begun a programme of reviewing Water Resource



importance, including the Severn Estuary. This will be undertaken in collaboration with English Nature and Countryside Council for Wales. (27)

Work to review and implement revised resource policy/prescribed flows is to be initiated in 1998/99, and is planned to accelerate. This will result in a programmed update of all local resource policy documents, incorporating also the results of wetland vulnerability studies and further progression, where appropriate, of time-limited licence policies.

We will develop and set conservation criteria for all of the Agency's environmental licensing activities.

We will carry out surveys of all main watercourses within the Soar LEAP area to assess the current distribution of water voles, otters and white clawed crayfish and implement control strategies at those sites where alien crayfish species are identified.



operating in an open and business-like way

As a public body, we are very committed to being open, efficient, accessible and responsive to our customers. We have a Customer Charter and aim to resolve problems quickly. We have established Customer Service Centres in our Area offices and maintain a set of public registers containing information on our authorisation, inspection and enforcement activities. This section details the progress we are making towards operating in an open and business-like way and highlights the efforts being made to demonstrate good internal environmental management.

1997/98

Local Environment Agency Plans (LEAPs) are one of the key means by which the Agency consults stakeholders and the public at large on the work we undertake. In 1997/98, seven Consultation Reports were published and a total of 66 actions were successfully completed, with progress made on a further 423 actions.

A total of £350,000 was saved through a targeted procurement strategy. Savings will continue in 1998/99 with the target set at £400,000 and a clear emphasis on achieving best practice in "green" purchasing.

1998/99

Working in collaboration with the East Midlands Local Government Association, West Midlands Local Government Association and the Government Offices, a Sustainability Partnership Programme will be completed. This initiative builds on the success of the 1997/98 programme, where a £250,000 investment by the Agency resulted in the delivery of a £750,000 package of projects. These ranged from the establishment of a Local Agenda 21 Website to the identification of best practice to deliver environmental education.

Further to the establishment of the Agency, a restructuring programme was completed in 1997/98. The benefits of integrated delivery and reduced costs are now being realised. Part of this drive includes the delivery of a Business Efficiency Plan which sets targets for seven service delivery areas.

Midlands is one of two regions piloting a Regional Environment Agency Plan (REAP). Here, this will take the form of joint regional environmental guidance produced with other partners to inform and influence the emerging work of the East Midlands Regional Development Agency, Voluntary Regional Chamber and future Regional Planning Guidance.

1999/2000

The scope of services delivered by area customer service centres will be extended to include better access to public registers.

Annual collection of regional environmental assessments will be made available in main public libraries in CD-ROM format, promoting public accessibility to environmental information.

A new chemical release inventory system will be launched with more complete data capture of releases to the environment from Integrated Pollution Control (IPC) processes.





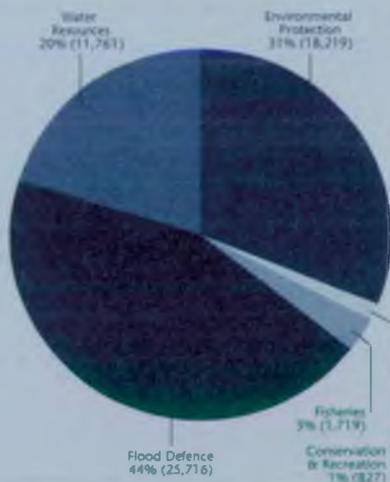
**ENVIRONMENT
AGENCY**

midlands key statistics

Area (sq.km)	21,860
Population (millions)	8
Number of local authorities	75
Number of LEAP areas	14
Number of Water Quality discharge consents in force	13,028
Number of Integrated Pollution Control authorisations	295
Number of Radioactive Substances authorisations	97
Number of nuclear sites	2
Number of Radioactive Substances registrations	828
Percentage of waste produced in England and Wales	15
Number of Waste Management site licences	1,338
Average annual rainfall (mm/year)	752
Number of Water Resources abstraction and impoundment licences in force	7,986
Length of fluvial flood defences maintained (km)	4,740
Length of coastline (km)	37
Length of tidal and sea defences maintained (km)	298
Number of EC designated Bathing Waters	n/a
Number of Agency landholdings with potential for recreational use	47
Length of navigable rivers (km)	n/a
Number of rod licence sales (coarse and non-migratory trout)	247,515
Sites of Special Scientific Interest (sq.km)	676

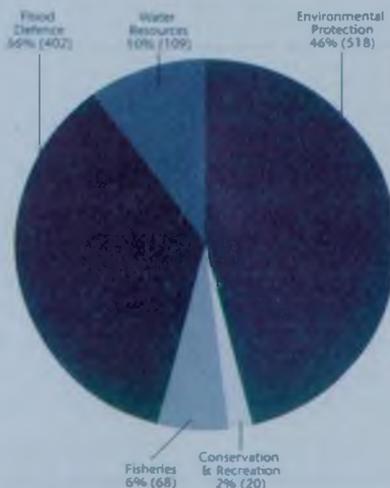
Total Annual Spending (£k in 1998/99)

Regional direct and support costs only; excludes all national costs (£8,242)



Total Staffing in 1998/99

(1,117 full time equivalents – includes 139 support staff)



MAP LEGEND



addressing climate change

- 1 Enforced planned reductions on coal fired power stations
- 2 Norchard's Drift feasibility study
- 3 Ironbridge power station – reduction of SO_x and NO_x



regulating major industries

- 4 Blue Circle, Hope – variation to authorisation
- 5 Rolls Royce, Derby – new authorisation
- 6 SME Strategy Framework



improving air quality

- 7 Dudley incinerator – new authorisation
- 8 Cement works, Rugby – planned reduction in emissions



managing waste

- 9 Region-wide waste minimisation schemes
- 10 Midlands Region fly-tipping initiative
- 11 Tidy Britain Group collaborative project



managing our water resources

- 12 Restoring Stowe pool water level
- 13 Phase 4 and 5 of Shropshire Groundwater scheme
- 14 Protect base flows in the River Blithe
- 15 Nottingham groundwater feasibility study



delivering integrated river-basin management

- 16 Opening of Severn Way
- 17 Review of Easter floods, River Avon
- 18 Gainsborough flood defence scheme
- 19 Lydney/Finham Brook flood defences



conserving the land

- 20 Slacky Lane landfill site – identification of polluting discharges
- 21 Redevelop contaminated land site, Kidderminster
- 22 National Groundwater and Contaminated Land Centre groundwater project



managing freshwater fisheries

- 23 River Trent/Tame off-line pools
- 24 River Erewash fish population improvement project



enhancing biodiversity

- 25 Lower Idle – otter holts
- 26 Manage Shropshire Meres and Mosses
- 27 Severn Estuary review of authorisations

MIDLANDS REGION ADDRESSES

REGIONAL OFFICE

Environment Agency
Sapphire East
550 Streetsbrook Road
Solihull
West Midlands B91 1QT
Tel: 0121 711 2324
Fax: 0121 711 5824

UPPER SEVERN

AREA OFFICE

Environment Agency
Hafren House
Welshpool Road
Shelton
Shrewsbury SY3 8BB
Tel: 01743 272 828
Fax: 01743 272 138

LOWER SEVERN

AREA OFFICE

Environment Agency
Riversmeet House
Newtown Industrial Estate
Northway Lane
Tewkesbury GL20 8JG
Tel: 01684 850 951
Fax: 01684 293 599

UPPER TRENT

AREA OFFICE

Environment Agency
Sentinel House
Wellington Crescent
Fradley Park
Lichfield WS13 8BB
Tel: 01543 254 111
Fax: 01543 254 111

LOWER TRENT

AREA OFFICE

Environment Agency
Trentside Offices
Scarrington Road
West Bridgford
Nottingham NG2 5FA
Tel: 0115 945 5722
Fax: 0115 981 7743

OFFICES OPEN

9.00am - 5.00pm

For general enquiries please call your local Environment Agency office. If you are unsure who to contact, or which is your local office, please call our general enquiry line.

**ENVIRONMENT AGENCY
GENERAL ENQUIRY LINE**

0645 333 111

The 24-hour emergency hotline number for reporting all environmental incidents relating to air, land and water.

**ENVIRONMENT AGENCY
EMERGENCY HOTLINE**

0800 80 70 60



ENVIRONMENT AGENCY

NATIONAL LIBRARY &
INFORMATION SERVICE

MIDLANDS REGION

10 Warwick Road
Olton, Solihull
B92 7HX



ENVIRONMENT AGENCY



048996