

# NORTH CORNWALL COASTAL STREAMS

## CATCHMENT ACTION PLAN



NRA

*National Rivers Authority  
South West Region*

C O N T E N T S

~~MAP OF NRA SW REGION SHOWING TARGET CATCHMENT~~

- |    |                               |            |
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ENVIRONMENT AGENCY



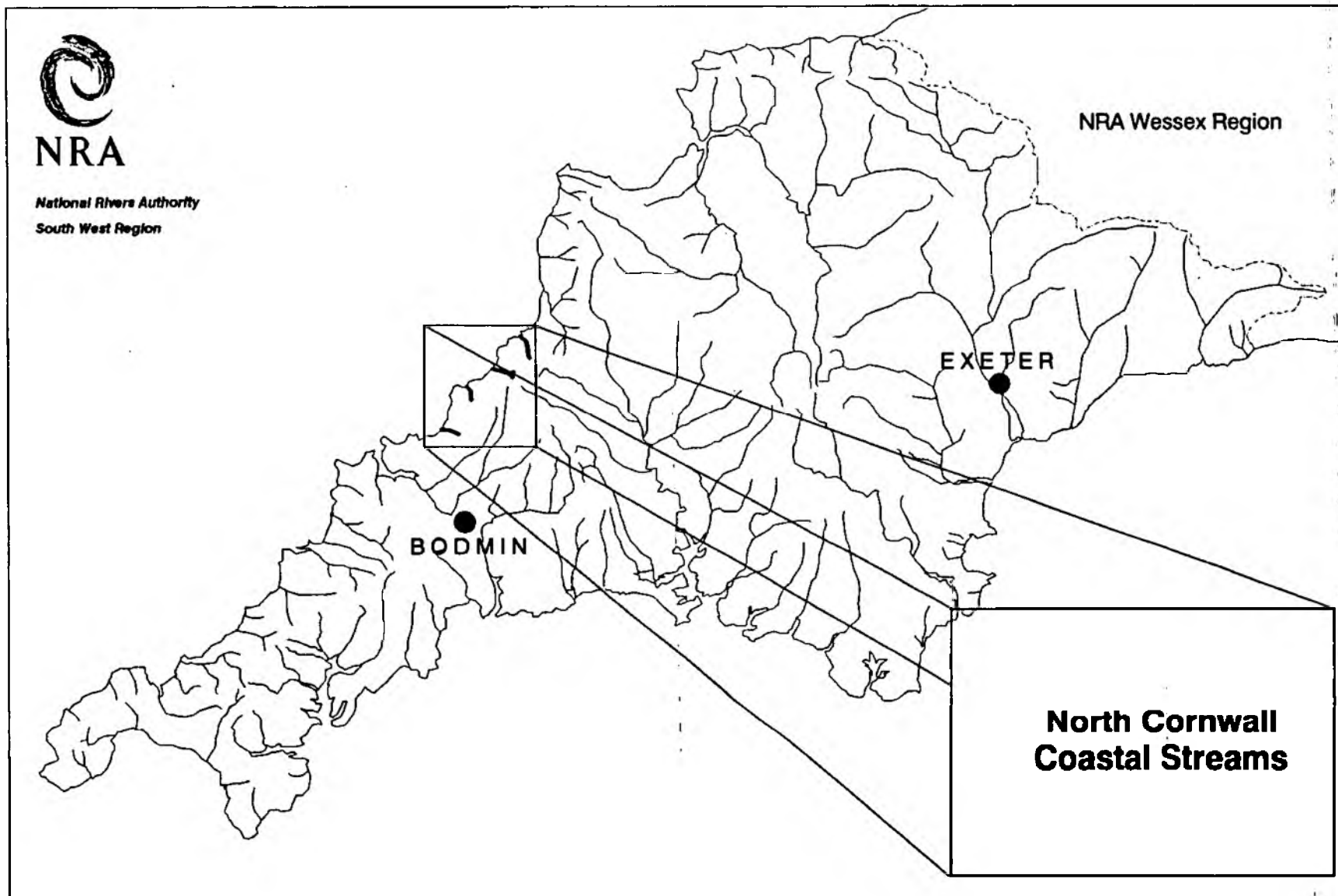
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# National Rivers Authority South West Region



**NRA**

*National Rivers Authority  
South West Region*



NRA Wessex Region

EXETER

BODMIN

**North Cornwall  
Coastal Streams**

**North Cornwall Coastal Streams**

Each year about 67,000 samples of rivers, lakes, ground and tidal waters and effluents are taken. Around 1.25 million chemical tests are made on these samples to ensure water quality standards are met and to identify where enforcement action is needed.

In addition detailed studies of samples of invertebrates, fish, algae and plants are undertaken to provide information on the status of the aquatic communities and to test the accuracy of the conclusions of chemical monitoring.

The key abstractions, discharges and monitoring sites for this catchment are marked on map(s) in Appendix 1.

Routine regulatory action is taken to ensure the conditions of thousands of discharges, abstractions and other legal requirements are enforced and illegal fishing is curtailed.

The NRA SW also handles many hundreds of letters and enquiries for information from the Water Act Register and provides press releases, reports and other information to a wide range of interests in the community.

**NORTH CORNWALL COASTAL STREAMS CATCHMENT ACTION PLAN**

The catchment plan includes the River Crackington and River Valency, together with several small watercourses discharging to the sea around Widemouth Bay.

The popular beaches include Trebarwith Strand and Widemouth Bay. The River Valency was affected by discharges of aluminium sulphate from the water supply catchment served by Lowermoor Water Treatment Works. The streams do not support a significant fishery.

The aims of the plan are to achieve water quality objectives and enforce pollution control legislation.

Functional officers have identified the main challenges to the achievement of environmental objectives. Where solutions are clear they have been programmed. In other cases investigations are needed to determine the way forward.

<u>ACTION</u>	<u>TIMETABLE</u>				
	1991	1992	1993	1994	1995
<u>POLLUTION CONTROL</u>					
Carry out review of water quality.	_____				
Followed by identification of causes of non-compliance with water quality objectives and take remedial action as appropriate.		_____			
Pre and post scheme appraisal of SWWS capital improvement schemes			_____		
Prepare catchment description.			_____		
Assess impact on water quality of landfill site at Bowithick Quarry.		_____			
Determine deemed discharge consent.				_____	

ACTION

TIMETABLE

1991    1992    1993    1994    1995

POLLUTION CONTROL (contd)

Baseline survey of groundwater quality to determine:

- a) suitability for potable use.
- b) compliance with appropriate EC directives.

\_\_\_\_\_

\_\_\_\_\_

WATER RESOURCES

Review low flow problem sites, formulate and promote alleviation schemes for priority sites.

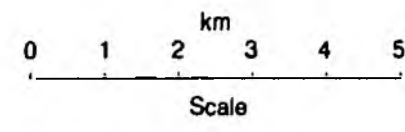
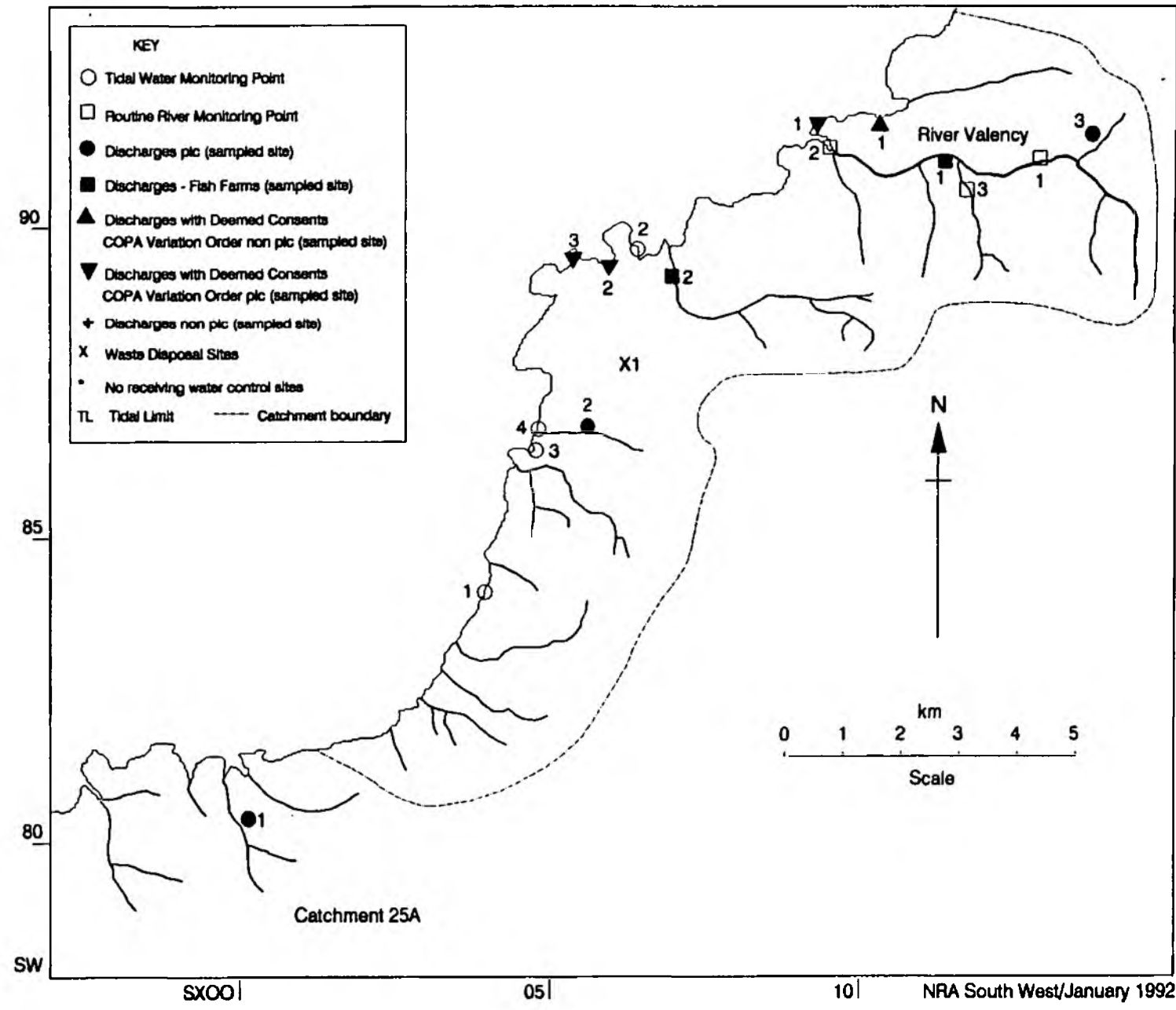
## APPENDIX 1

### CATCHMENT MAPS

#### KEY

- Tidal Water Monitoring Point
- Routine River Monitoring Point
- Discharges plc (sampled site)
- Discharges - Fish Farms (sampled site)
- ▲ Discharges with Deemed Consents - COPA Variation Order non plc (sampled site)
- ▼ Discharges with Deemed Consents - COPA Variation Order plc (sampled site)
- + Discharges non plc (sampled site)
- X Waste Disposal Sites
- TL Tidal Limit
- \* No receiving water control sites

# Valency Catchment 26A



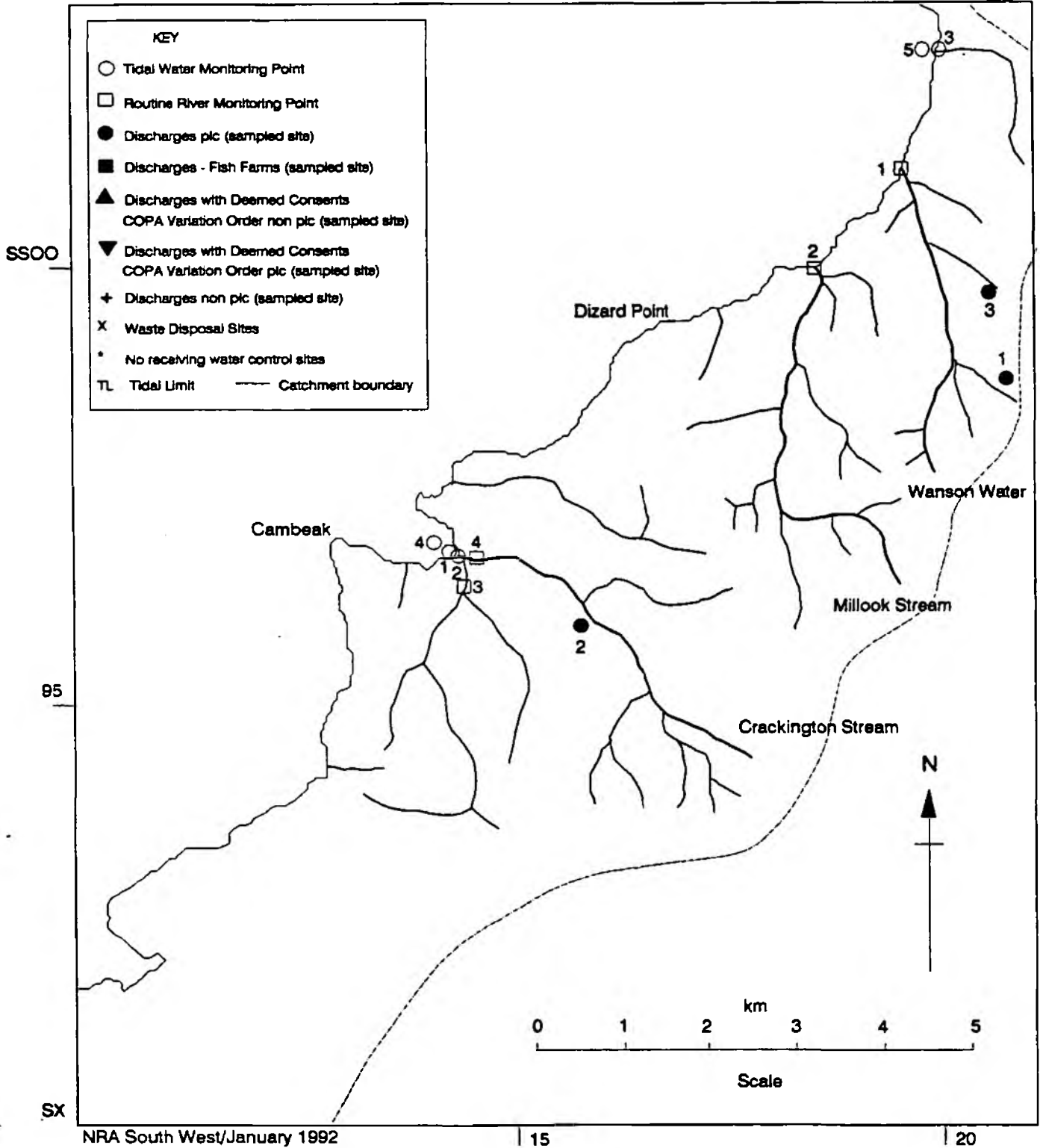
Catchment 25A



VALENCY CATCHMENT 26A

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
<b>DISCHARGES PLC</b>				
1	WSTW1670FE	SW99478099	Port Isaac	Sewage treatment works
2	WSTW1730FE	SX05708650	Treknow	Sewage treatment works
3	WSTW1732FE	SX14689156	Tresparrett	Sewage treatment works
<b>DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER NON PLC</b>				
1	P26A/P/25	SX10519183	Dairy Crest Foods, Davidstow	
<b>DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER PLC</b>				
1	OUT2006	SX09399162	Boscastle	Outfall
2	OUT2010	SX06038955	Bossiney	Outfall
3	OUT2080	SX05428937	Tintagel	Outfall
<b>FISH FARMS</b>				
1	P26A/P/16	SX12209130	West Country Trout	
2	P26A/P/19	SX07288913	Trevillet Mill	
<b>WASTE DISPOSAL SITES</b>				
1	080ANBAL	SX073860	Bowithick Quarry, Tintagel	
<b>TIDAL WATER QUALITY MONITORING POINT - BATHING WATERS</b>				
1		SX04088404	Tregadock Beach	Non-identified bathing water
2		SX06608930	Bossiney Haven	Non-identified bathing water
3	B0985	SX04828638	Trebarwith Strand	Non-identified bathing water
4	ECBR0985	SX04908640	Stream A	Watercourse to beach
<b>ROUTINE RIVER MONITORING</b>				
1	R26A006	SX13889130	Anderton Ford	Chemical/biological site
2	R26A003	SX09889128	Boscastle Br	Chemical/biological site
3		SX12449070	Halamiling	Freshwater Fish Directive Biological site

# Crackington Streams 26A



CRACKINGTON STREAMS 26A

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
<b>DISCHARGES PLC</b>				
1	WSTW3298FE	SX20649878	Treskinnick Cross	Sewage treatment works
2	WSTW3254FE	SX15859590	St Gennys	Sewage treatment works
3	WSTW3240FE	SX20589967	Poundstock	Sewage treatment works
<b>TIDAL WATER QUALITY MONITORING POINT - BATHING WATERS</b>				
1	B0989	SX14279690	Crackington Haven	Non-identified bathing water
2	ECBR0989	SX14309683	Crackington Stream	Watercourse to beach
3	ECB0990	SS198024	Widemouth Bay	EC identified bathing water
<b>TIDAL WATER QUALITY MONITORING POINT - WATER CONTACT SPORTS</b>				
4			Crackington Haven	
5			Widemouth Bay	
<b>ROUTINE RIVER MONITORING</b>				
1	R26A005	SS19650096	Wanson	Chemical/biological site
2	R26A004	SS18480002	Millook	Chemical/biological site
3	R26A002	SX14329647	Crackington Haven	Biological site
4	R26A001	SX143-969-	Crackington Haven	Chemical/biological site

**NRA DUTIES AND POWERS**

The Authority has statutory duties and powers in relation to water resources, pollution control, flood defence, fisheries, recreation, conservation and navigation along with various other functions given under the 1989 Water Act.

Whilst most of the Authority's duties and powers are exercised in respect of inland waters in England and Wales, it also has substantial responsibilities for the marine environment around the coast of England and Wales. For pollution control and fisheries purposes it has duties and powers out to distances of three nautical miles and six nautical miles respectively, the six miles being for salmonid protection. For flood defence it is responsible for a large number of sea defences (but not coastal protection which falls within the remit of local authorities).

As well as new duties, the NRA has also inherited other duties and powers under earlier legislation such as the 1963 Water Resources Act, 1975 Salmon and Freshwater Fisheries Act, and 1976 Land Drainage Act.

The Authority also has responsibility for implementing a number of Statutory Instruments, Orders, Notices and Directives relating to the 1989 Water Act. Various European Community Directives on the protection of the aquatic environment eg. Bathing Water Quality, Surface Water Quality, and Freshwater Fishlife also strongly influence its work.

**NRA MISSION STATEMENT**

The National Rivers Authority will protect and improve the water environment. This will be achieved through effective management of water resources and by substantial reductions in pollution. The Authority aims to provide effective defence for people and property against flooding from rivers and the sea. In discharging its duties it will operate openly and balance the interests of all who benefit from and use rivers, ground waters, estuaries and coastal waters. The Authority will be businesslike, efficient and caring towards its employees.

**NRA AIMS**

To achieve a continuing improvement in the quality of rivers, estuaries and coastal waters, through the control of water pollution.

To assess, manage, plan and conserve water resources and to maintain and improve the quality of water for all those who use it.

To provide effective defence for people and property against flooding from rivers and the sea.

To provide adequate arrangements for flood forecasting and warning.

To maintain, improve and develop fisheries.

To develop the amenity and recreation potential of waters and lands under NRA control.

To conserve and enhance wildlife, landscape and archaeological features associated with waters under NRA control.

To ensure that dischargers pay the costs of the consequences of their discharges, and as far as possible, to recover the costs of water environment improvements from those who benefit.

To improve public understanding of the water environment and the NRA's work.

#### REGIONAL PRIORITIES

The overall priority is to continue the improvements which were started in the last year in the following key areas.

##### WATER RESOURCES

- Develop regional strategy document.
- Improve response to licence applications.
- Establish Water Resources planning forum.
- Progress schemes to ameliorate low flows.
- Implement groundwater protection policy.

##### POLLUTION CONTROL

- Develop regional strategy document.
- Introduce charging for discharges scheme.
- Implement new consenting policy; begin review of deemed consents.
- Complete 1990/91 survey and consult on water quality objectives.
- Carry out EC Directive requirements.
- Introduce new monitoring programmes for effluents and controlled waters.
- Establish a regional laboratory service.

##### FISHERIES

- Develop regional strategy document.
- Review licence and other charging schemes.
- Harmonise stock assessment techniques.
- Extend programme of restoration and rehabilitation of fish stocks.
- Increase action to control illegal fishing.
- Submit new fishery byelaws to MAFF for confirmation.

**RECREATION**

- Continue implementations of Water Act Code of Practice.
- Produce strategy for regional sites.
- Improve cost recovery from the recreation service.

**CONSERVATION**

- Establish database for regulatory purposes.
- Produce strategy for regional sites.
- Promote conservation schemes.