

# RIVER TEIGN

# 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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APPENDIX 1 - CATCHMENT MAPS

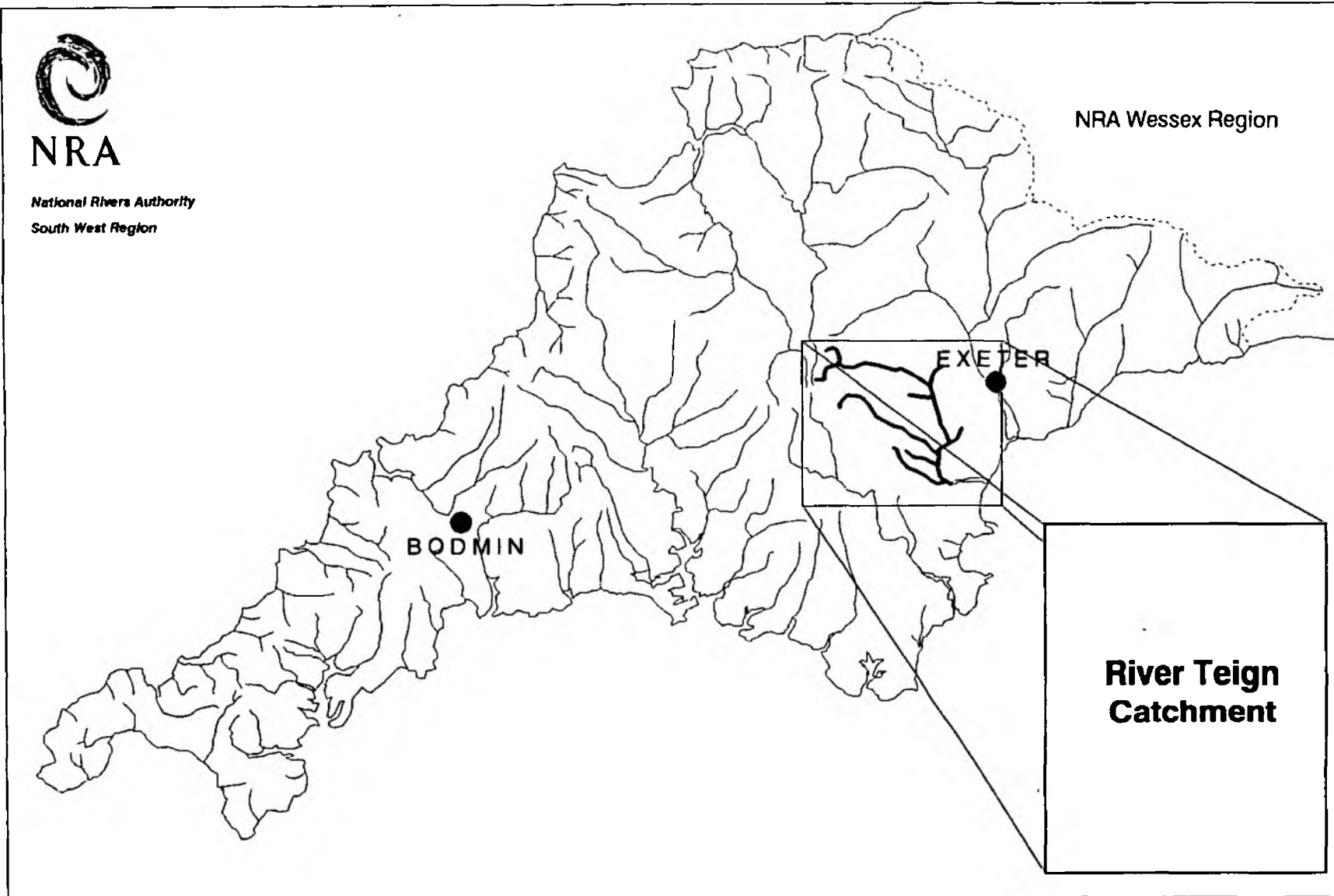
APPENDIX 2 - NRA DUTIES, POWERS AND TARGETS

**National Rivers Authority  
South West Region**



**NRA**

*National Rivers Authority  
South West Region*



**River Teign Catchment**

**River Teign  
Catchment**

## 1. INTRODUCTION

CATCHMENT ACTION PLANS are designed to be a simple, practical means of directing resources to achieve environmental improvements on a priority basis, between and within catchments. They set out the essential routine tasks, and a five year programme of specific actions for each catchment to meet regional and national targets. Changes may occur where unplanned work such as an extreme drought requires priority.

The NRA has inherited a legacy of environmental challenges arising from the use and abuse of our natural resources. Although significant progress has already been made it will be many years before all the work needed can be assessed, funded and carried out.

To achieve the environmental objectives will require not just the clear, vigorous direction of the NRA towards priority work but the help and support of the whole community.

The NRA has consulted with the Regional Advisory Board and Advisory Committees and the local interests about the draft action plans and the format is the outcome of those discussions.

Progress to achieve the Action Plan objectives will normally be reviewed on an annual basis but more frequently where severe problems have been identified.

## 2. ROUTINE SERVICES

Despite the fact that the NRA is largely a reactive, regulatory body it is possible to plan for much of the environmental protection work even the fact that unpredictable events will occur!

Much of the routine workload such as monitoring, enforcement of statutes and dealing with pollution and flooding incidents needs to have clear priority to ensure that it is dealt with to satisfactory standards throughout the region.

This essential work is carried out according to need in all catchments.

The NRA SW handles over 3000 pollution incidents a year, the majority of which are reported by members of the public. Many are attended within minutes and most within a few hours. In some cases major operations are undertaken to control the pollution and minimise impact on the environment.

Several thousand routine inspections of industrial premises, farms, weirs, fish passes and treatment works are also undertaken. In many cases improvements are required to minimise the risk of pollution or to ensure protection of fish and conservation of the water environment.

As part of the overall environmental protection exercise many flood defence schemes and thousands of planning applications are screened; hundreds of farm pollution grant proposals and effluent discharge applications are processed each year. Many new or varied abstraction licences and drilling consents are also processed to protect surface and underground waters.

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.

### 3. CHALLENGES AND ACTIONS

The River Teign rises on Dartmoor and runs in an Easterly direction and meets the sea, via Newton Abbot, at Teignmouth. The major tributary is the River Bovey and for the purposes of this plan the catchment includes Torbay. In earlier years a variety of metals were mined in the river basin and stone is still quarried. The Bovey Basin has the largest deposits of ball clay in the country and extraction has an influence on the lower catchment.

Water is impounded for potable supply at Fernworthy, Kennick, Tottiford and Trenchford Reservoirs and the catchment supports good runs of salmonid fish and a healthy trout population. Coarse fishing is particularly popular in the catchment.

In recent years rapid development of Torbay, Newton Abbot and Teignmouth has put pressure on the existing sewerage systems. A major resewerage programme to achieve bathing water standards is underway.

The aim of the plan is to achieve water quality objectives, maintain present fish stocks, ensure best environmental use of water and enforce pollution control legislation.

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

#### ACTION

#### TIMETABLE

	1991	1992	1993	1994	1995
<u>FISHERIES</u>					
Enforce and monitor fixed net legislation.	_____				
Monitor sea fishing activity in the estuary and introduce closure byelaw if necessary (DSFC byelaw).	_____				
Assist DSFC to enforce bass legislation.	_____				
Review NLO by December 1991.	_____				
Review salmon netting byelaws.	_____				
Implement new rod season changes by byelaw.	_____				
Survey weirs/fish passes. Plan and implement fish pass installation/improvements where	_____				

#### FISHERIES

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Survey weirs/fish passes.  
Plan and implement fish pass installation/improvements where

ACTION

TIMETABLE

1991 1992 1993 1994 1995

FISHERIES CONTINUED

Undertake repairs to Bridford Weir/fish pass.

Construct fish passes at Steps Weir and Bradley Weir (Lemon).

Survey for trash dams/plan clearance.

Plan and implement spawning gravel rehabilitation.

Encourage leat closure.

Improve smolt protection at intakes.

Undertake regular juvenile surveys.

Carry out annual redd counts.

Survey possible fish counter site and install if appropriate.

POLLUTION CONTROL

Carry out review of water quality in the catchment.

Identify causes of non-compliance with water quality and take remedial action.

Investigate water quality non-compliance in the Aller Brook catchment.

Assess impact of 1990 drought on water quality at two locations and consider appropriate mitigation action.

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Programme to be determined

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\_\_\_\_\_ Programme to be determined

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ACTION

TIMETABLE

1991    1992    1993    1994    1995

POLLUTION CONTROL CONTINUED

Pre and post scheme appraisal of SWWS, sewage treatment works capital improvement programme.

Determine deemed discharge consents.

Prepare catchment description.

Develop catchment water quality model using QUASAR.

Assess impact of drainage from A30 trunk road and land on water quality in Scotley and Fingle Brooks and take remedial action as appropriate.

Assess impact of historic mining activities on water quality and ensure that redevelopment of old metalliferous spoil tips does not cause pollution.

Assess impact of acidic run-off on water quality and consider remedial action.

Reduce impact of discharges from the ball clay industry by reviewing and issuing consents on a priority basis; and ensuring 'good-housekeeping' principles are followed.

Develop estuary water quality management plan.

Post scheme appraisal of Teignmouth Sea outfall.

Pre-scheme appraisal of the proposed sewage improvement scheme by SWWS for Torbay.

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ACTION

TIMETABLE

1991    1992    1993    1994    1995

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Assess landfill sites at Bickley Ball and Heathfield and take appropriate remedial action.

Baseline water quality survey of groundwater to establish:-

- a) suitability for potable use
- b) extent of contamination by substances controlled by EC directives.

WATER RESOURCES

Review need for operating arrangements for Kennick/Tottiford/Trenchford and Fernworthy reservoirs.

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

Programme to be determined.

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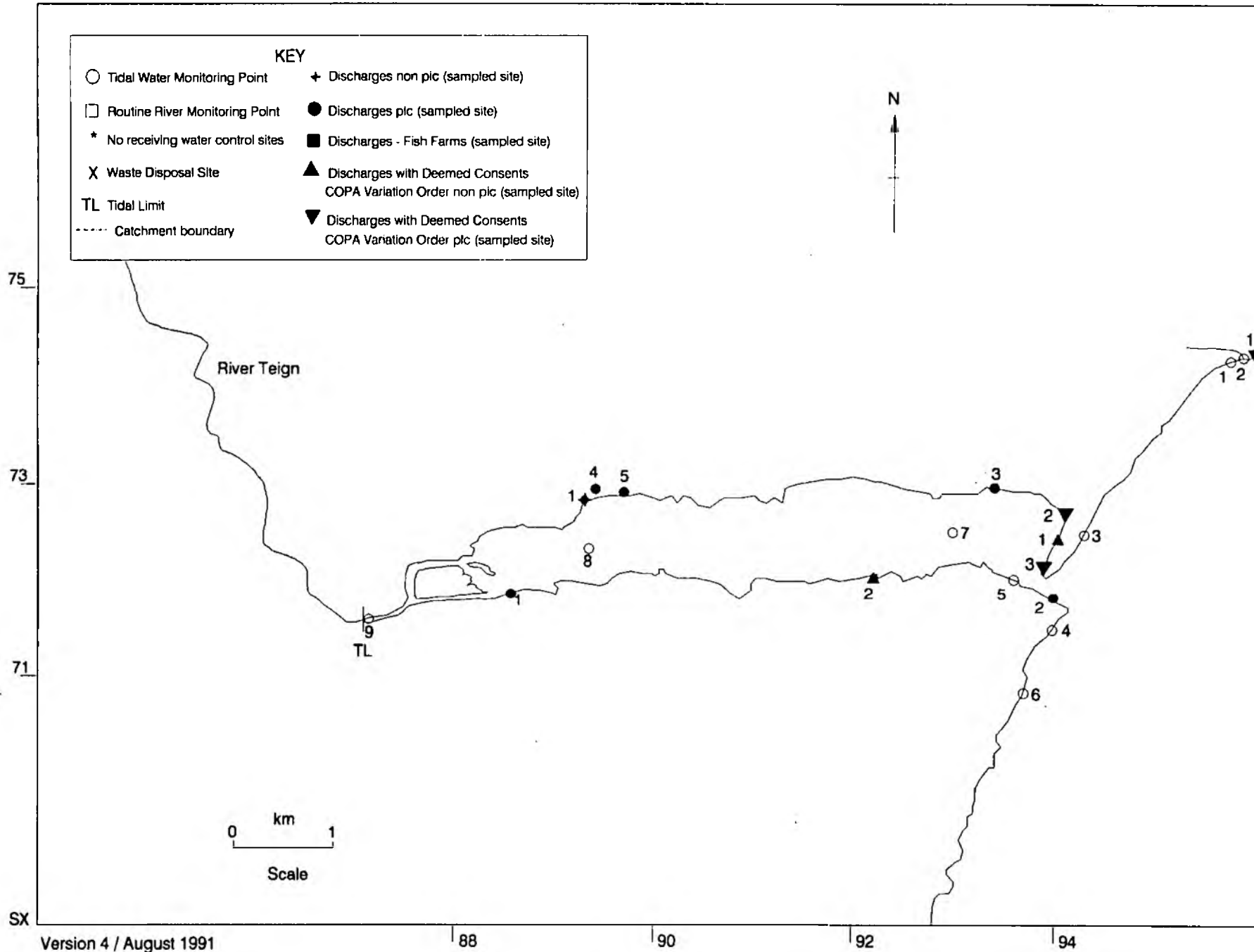
## APPENDIX 1

### CATCHMENT MAPS

#### KEY

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

# Teign Estuary 6A



## TEIGN ESTUARY 6A

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
<b>DISCHARGES PLC</b>				
1	WSTW6250FE	SX88257210	Buckland	Sewage treatment works Red list site Site for current and proposed dangerous substances Paris commission site
2	OUT6470	SX94007220	Shaldon	Site for current dangerous substances
3	WSTW6315FE	SX93287297	Coombe Valley	Sewage treatment works
4	WSTW6022FE	SX89507330	Bishopsteignton	Sewage treatment works
5	WSTW6020FE	SX91207300	Bishopsteignton	Sewage treatment works

**DISCHARGES NON PLC**

1	PO6A/P/26	SX89377290	Wear Farm	Caravan site STW domestic
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**DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER PLC**

1	OUT6536	SX96087534	Holcombe	Outfall
2	OUT6488	SX93817278	East Quay	Outfall
3	OUT6486	SX93807230	Teignmouth	Red list site
			Main Outfall	Site for current and proposed dangerous substances Paris Commission Site

**DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER NON PLC**

1	PO6A/P/402	SX93907270	Fish Quay Gails Hill
2	PO6A/P/405	SX92007230	Cromwell House

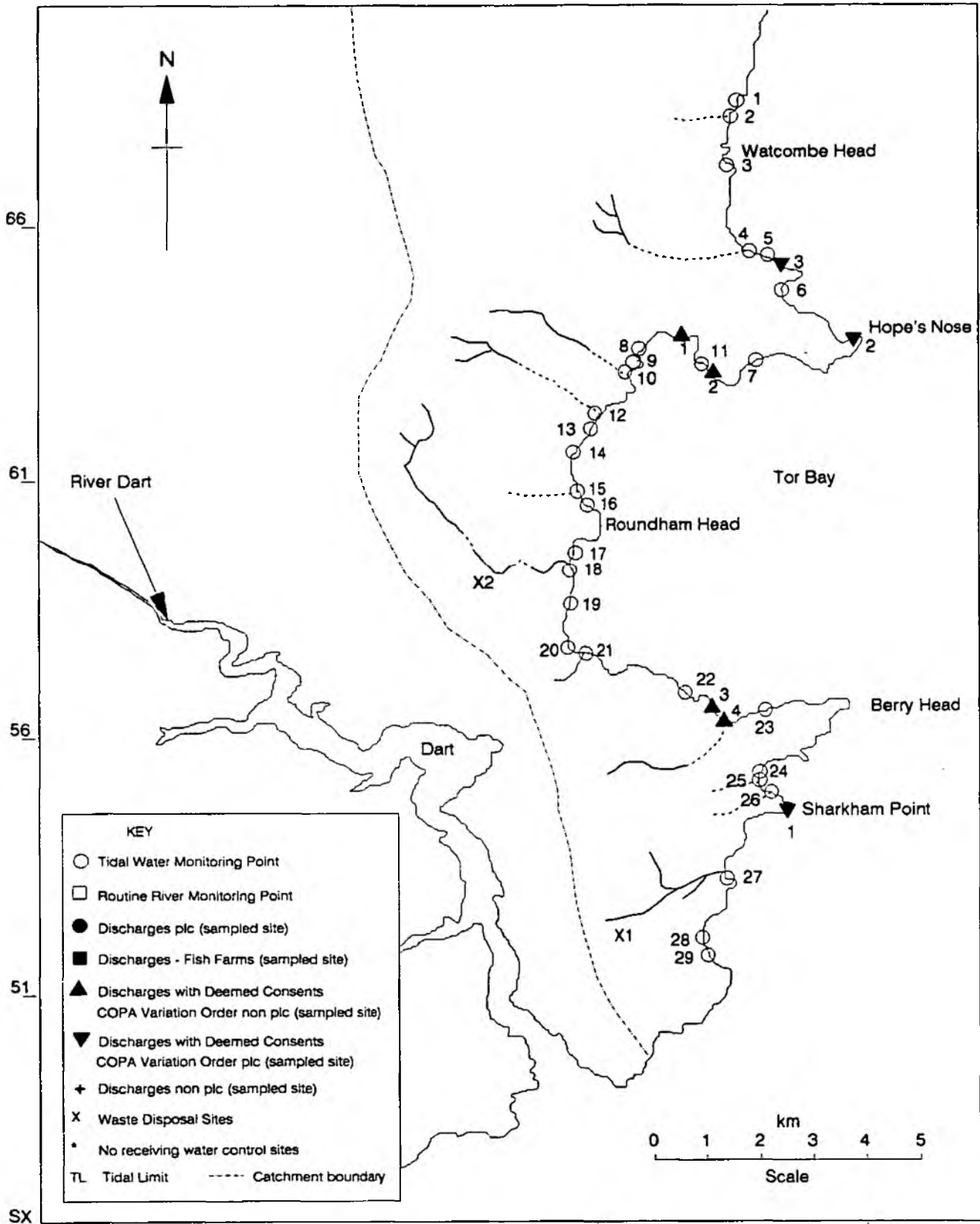
**TIDAL WATER QUALITY MONITORING POINT - BATHING WATERS**

1	ECBO111	SX95657461	Holcombe Beach	EC identified bathing water
2	ECBR0111	SX95657467	Stream A	Watercourse to beach
3	ECB0110	SX94307285	Teignmouth beach	EC-identified bathing water
4	ECBO130	SX93857170	Ness Cove	EC identified bathing water
5	ECBO120	SX93507230	Shaldon Beach	EC identified bathing water
6	B0135	SX93557080	Labrador Bay	Non-identified bathing water

**TIDAL WATER QUALITY MONITORING POINT - ESTUARY QUALITY**

7	EO6A4	SX92507260	Lower Estuary	Routine monitoring site
8	EO6A2	SX89207230	Netherton House	Biota Sampling Non-designated shellfisheries
9	EO6A3	SX86657190	Upper Estuary	Routine monitoring site

# Torbay Streams 6A



TORBAY STREAMS 6A

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER PLC				
1	OUT6516	SX93905460	Sharkham Point	Outfall Site for current and proposed dangerous substances Red list site Paris commission site
2	OUT6588	SX94906370	Hopes Nose	Outfall Site for current and proposed dangerous substances Red list site Paris commission site
3	OUT6510	SX93196547	Withy Point	Outfall

DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER NON PLC

1	PO6A/P/401	SX91146368	Abbey Sands Cafe
2	PO6A/P/400	SX91836311	Beacon Quay Cafe
3	PO7A/P/448	SX92275684	Brixham Lab ICI
4	PO6A/P/403	SX92605653	New Fish Quay/Brixham

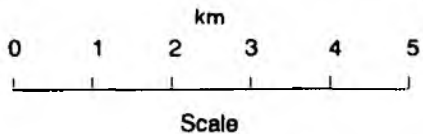
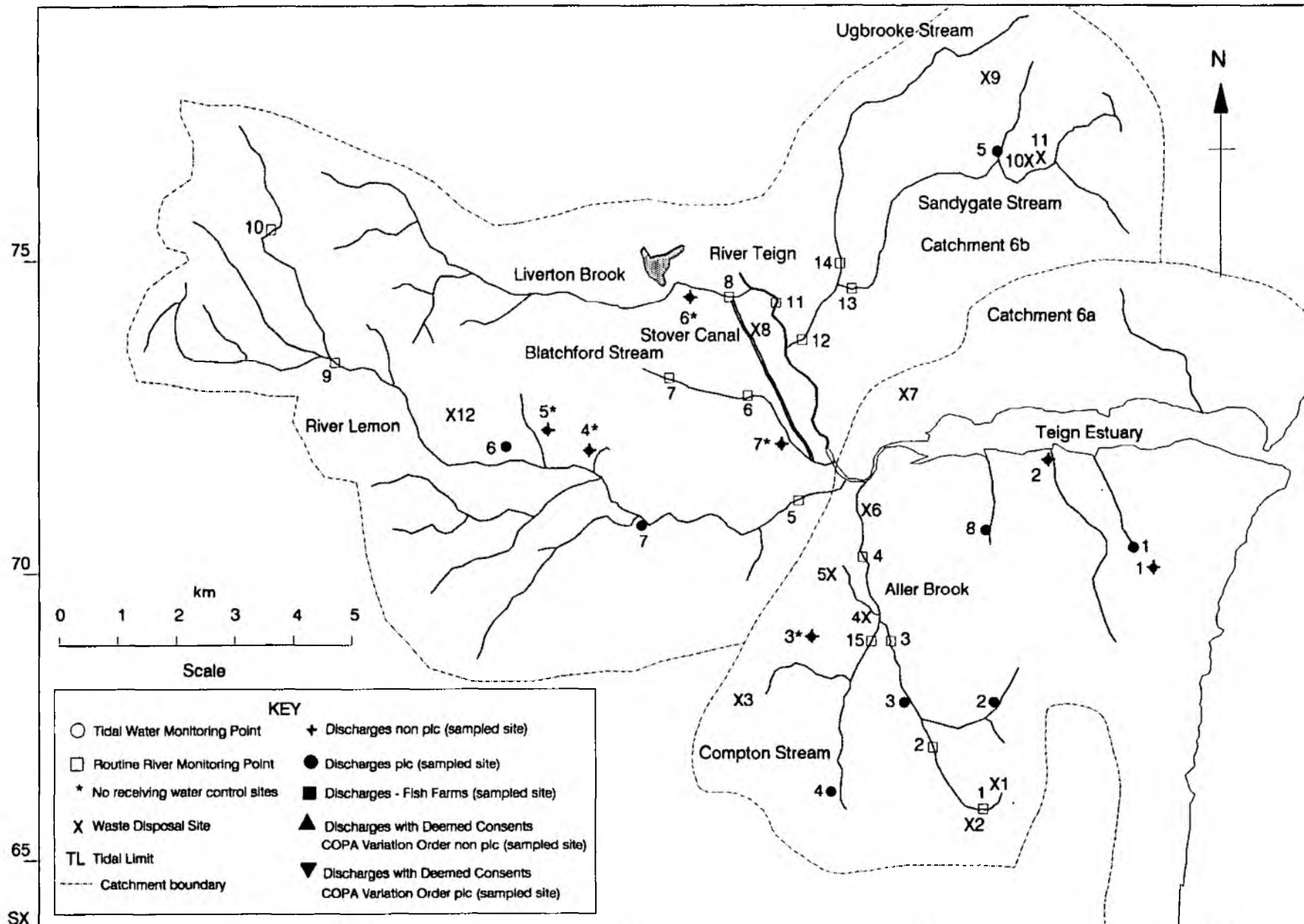
WASTE DISPOSAL SITES

1	11AH	SX905528	Nethway Quarry, Kingswear
2	11CX	SX874597	Claylands Cross, Paignton

TIDAL WATER QUALITY MONITORING POINT - BATHING WATERS

1	ECBO140	SX92786850	Maidencombe Beach	EC identified bathing water
2	ECBR0140	SX92756847	Stream A	Watercourse to beach
3	ECB0150	SX92626730	Watcombe Beach	EC identified bathing water
4	ECB0160	SX92656585	Oddicombe Beach	EC identified bathing water
5	ECB0170	SX93006545	Babbacombe Beach	EC identified bathing water
6	ECB0180	SX93506480	Redgate Beach	EC identified bathing water
7	ECB0190	SX93056305	Meadfoot Beach	EC identified bathing water
8	ECB0210	SX90956351	Torre Abbey Beach	EC identified bathing water
9	ECBR0210	SX90756345	Stream A	Watercourse to beach
10	B0215	SX90456300	Livermead Sands	Non-identified bathing water
11	ECB0200	SX91956307	Beacon Cove	EC identified bathing water
12	ECBR0220	SX89836228	Stream A	Watercourse to beach
13	ECB0220	SX89806215	Hollicombe Beach	EC identified bathing water
14	ECB0231	SX89646177	Preston Sands	EC identified bathing water
15	ECBR0231	SX89556138	Stream A	Watercourse to beach
16	ECB0230	SX89496063	Paignton Sands	EC identified bathing water
17	ECB0240	SX89355940	Goodrington Beach	EC identified bathing water
18	ECBR0240	SX89105930	Stream A	Watercourse to beach
19	B0245	SX89555850	Saltern Cove	Non-identified bathing water
20	ECB0250	SX89705745	Broadsands Beach	EC identified bathing water
21	ECBR0251	SX89755734	Tor Stream	Watercourse to beach
22	B0255	SX91905690	Churston Cove	Non-identified bathing water
23	ECB0260	SX93205662	Shoalstone Beach	EC identified bathing water
24	ECB0270	SX93205510	St Marys Bay	EC identified bathing water
25	ECBR0270	SX93305490	Stream A	Watercourse to beach
26	ECBR0271	SX93205510	Stream B	Watercourse to beach
27	B0272	SX92285345	Man Sands	Non-identified bathing water
28	B0274	SX91985235	Long Sands	Non-identified bathing water
29	B0276	SX91905188	Scabbacombe Sands	Non-identified bathing water

# Teign Catchment 6A & 6B



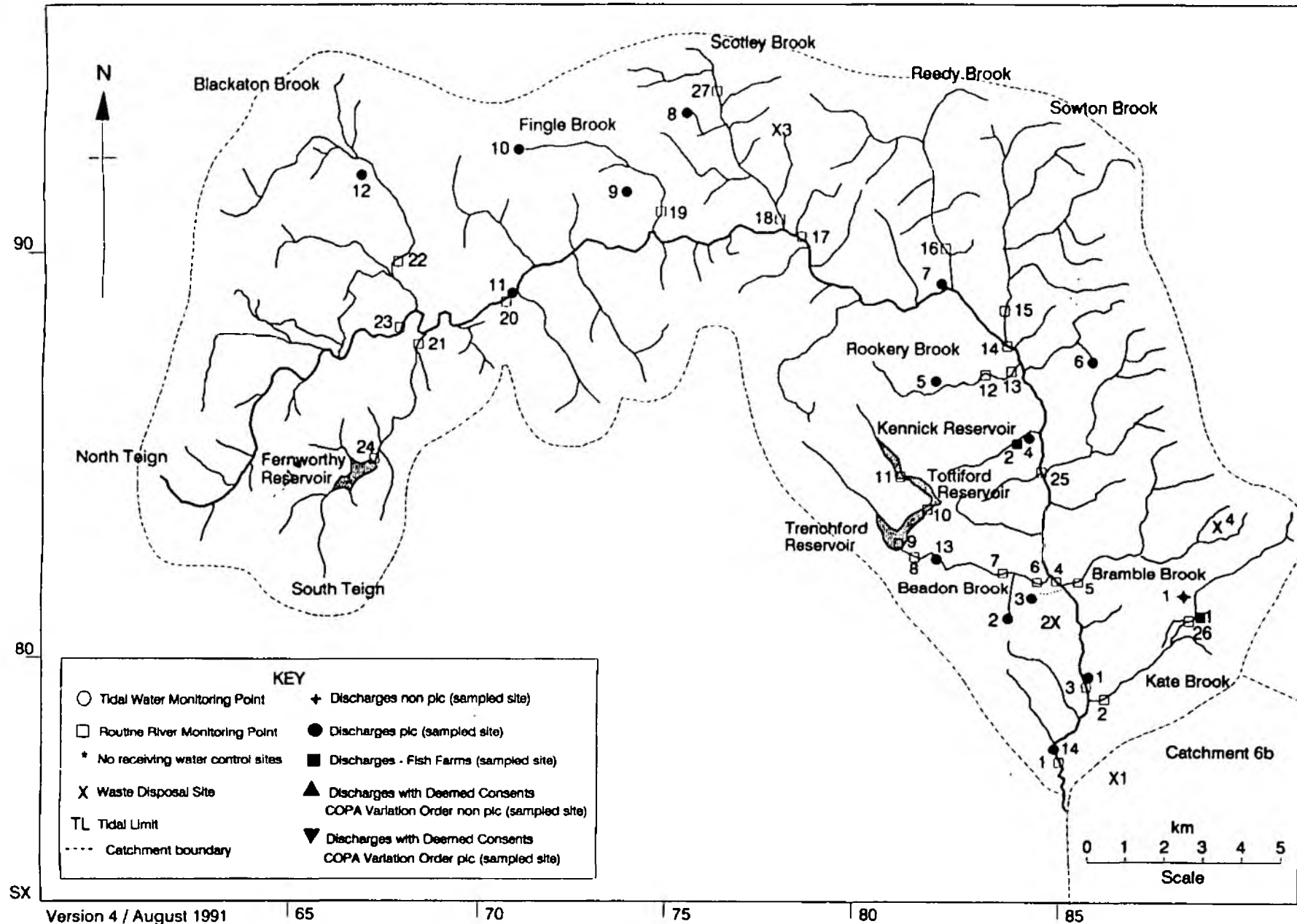
KEY	
○ Tidal Water Monitoring Point	+ Discharges non plc (sampled site)
□ Routine River Monitoring Point	● Discharges plc (sampled site)
* No receiving water control sites	■ Discharges - Fish Farms (sampled site)
X Waste Disposal Site	▲ Discharges with Deemed Consents COPA Variation Order non plc (sampled site)
TL Tidal Limit	▼ Discharges with Deemed Consents COPA Variation Order plc (sampled site)
- - - Catchment boundary	

## TEIGN CATCHMENT 6A &amp; 6B

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
<b>DISCHARGES NON PLC</b>				
1	PO6A/P/2	SX91807000	Stokeinteignhead	STW domestic
2	PO6A/P/3	SX90207230	Coombe Cellars Inn	Public House STW domestic
3*	PO6A/P/1	SX86506900	St Augustines	STW domestic
4*	PO6A/P/11	SX82707280	Agricultural College	Agricultural College STW
5*	PO6D/P/1	SX81407260	Ingsdon School	School STW
6*	PO6B/P/13	SX84337469	Stover School	Stover School STW
7*	RO6B041	SX86007270	WBB Ball Clay	Lagoon effluent
<b>DISCHARGES PLC</b>				
1	WSTW6307FE	SX91437071	Stokeinteignhead	Sewage treatment works
2	WSTW6057FE	SX891685	Coffinswell	Sewage treatment works
3	WSTW6196FE	SX87606830	Kingskerswell	Sewage treatment works
4	WSTW6060FE	SX86306570	Compton & Marldon	Sewage treatment works
5	WSTW6164FE	SX89107690	Ideford	Sewage treatment works
6	WSTW6300FE	SX81007225	South Knighton	Sewage treatment works
7	WSTW6106FE	SX83907070	East Ogwell	Sewage treatment works
8	WSTW6193FE	SX89237110	Netherton	Sewage treatment works
<b>WASTE DISPOSAL SITES</b>				
1	11EZ	SX895668	Barton Hall Farm, Torquay	
2	11AB	SX891662	Scotts Bridge, Torquay	
3	11DW	SX850682	Ruby Farm, Abbotskerswell	
4	11CW	SX869694	South Quarry, Newton Abbot	
5	11AF/BK	SX869704	Brunell Quarry, Newton Abbot	
6	11AJ	SX873701	Aller Marshes, Newton Abbot	
7	11BX	SX883737	Bickleyball Quarry, Kingsteignton	
8	11GN	SX850740	Greycoat Lane, Teigngrace	
9	11GG	SX889779	Ideford Arch, Teignmouth	
10	11AP	SX899768	Luton Quarry, Bishopsteignton	
11	11FA	SX898768	Luton Quarry, Bishopsteignton	
12	11AS	SX802728	Bickington Barton Quarry, Torquay	
<b>ROUTINE RIVER MONITORING</b>				
1	RO6A001	SX89326625	Edginswell	Chemical/biological site Dangerous Substances Directive
2	RO6A002	SX88016735	Kingskerswell	Chemical/biological site
3	RO6A003	SX87556900	Aller Orchard	Chemical/biological site
4	RO6A004	SX87057060	Newton Abbot	Chemical/biological site
5	RO6B005	SX85327099	Newton Abbot	Chemical/biological site Freshwater Fish Directive
6	RO6B007	SX85507301	Blatchford	Chemical/biological site
7	RO6B006	SX83607287	Perry Farm	Chemical/biological site
8	RO6B050	SX84757475	Ventiford Bridge	Chemical/biological site
9	RO6B004	SX77907355	Sigford Confluence	Chemical/biological site
10	RO6B003	SX76907556	Bagator Mill	Chemical/biological site
11	RO6B001	SX85507452	Preston	Chemical/biological site Freshwater Fish Directive Dangerous substances site Harmonised monitoring site
12	RO6B013	SX85757375	Prior River Teign	Chemical/biological site
13	RO6B010	SX86807480	Kingsteignton	Chemical/biological site
14	RO6B012	SX86727513	Higher Sandygate	Chemical/biological site
15		SX87196908	Langford Bridge	Biological site



# Teign Catchment 6C



## TEIGN CATCHMENT 6C

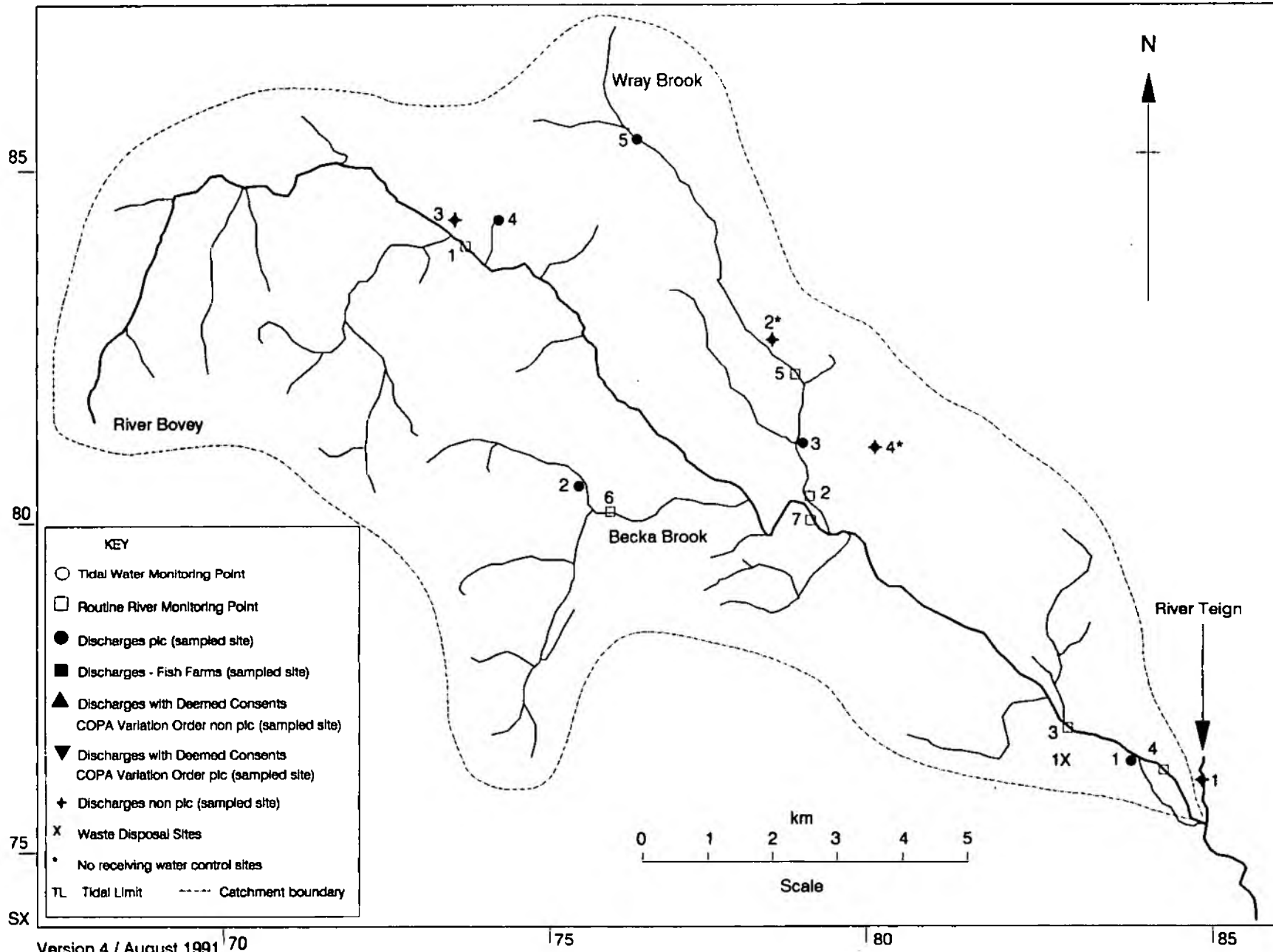
NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
<b>DISCHARGES PLC</b>				
1	WSTW6052FE	SX856792	Chudleigh	Sewage treatment works
2	WSTW6150FE	SX836806	Hennock	Sewage treatment works
3	WSTW6316FE	SX84008090	Teign Village	Sewage treatment works
4	WSTW6050FE	SX83908530	Christow	Sewage treatment works
5	WSTW6030FE	SX81778600	Bridford	Sewage treatment works
6	WSTW6086FE	SX85158697	Doddiscombsleigh	Sewage treatment works
7	WSTW6092FE	SX81908900	Dunsford	Sewage treatment works
8	WSTW6064FE	SX75659240	Crockernwell	Sewage treatment works
9	WSTW6088FE	SX73799148	Drewsteignton	Sewage treatment works
10	WSTW6338FE	SX69209240	Whiddon Down	Sewage treatment works
11	WSTW6046FE	SX701882	Chagford	Sewage treatment works
12	WSTW6318FE	SX67609055	Throwleigh	Sewage treatment works
13	WWTW6835DI	SX80828228	Tottiford	Water treatment works
14	WSTW6054FE	SX84807710	Chudleigh Knighton	Sewage treatment works
<b>DISCHARGES NON PLC</b>				
1	PO6C/P/75	SX88338121	Holmanswood Caravan site	STW domestic
<b>FISH FARMS</b>				
1	PO6C/P/1	SX88138065	Chudleigh	
2	PO6C/P/2	SX835850	Christow	
<b>WASTE DISPOSAL SITES</b>				
1	11CK/11DD	SX860765	Heathfield Sandpit,	Kingsteignton
2	11DX	SX847809	Trusham Quarry,	Bovey Tracey
3	11EX	SX775921	Jervis Farm,	Cheriton Bishop
4	1125	SX882825	Oxencombe Quarry,	Chudleigh
<b>ROUTINE RIVER MONITORING</b>				
1	RO6C008	SX84907652	New Bridge	Chemical/biological site
2	RO6C055	SX85957853	Chudleigh	Chemical/biological site
3	RO6C007	SX85757847	Chudleigh Bridge	Chemical/biological site
4	RO6C006	SX84858115	Crocombe Bridge	Chemical/biological site
5	RO6C011	SX84918124	Bramble Brook	Chemical/biological site
6	RO6C040	SX84288170	Prior/R Teign	Chemical/biological site
				Dangerous Substances Directive
7	RO6C010	SX83688170	Hynier Bridge	Chemical/biological site
8	RO6C009	SX80848228	Tottiford House	Chemical/biological site
9	RO6C050	SX80648288	Trenchford Res	Chemical site
				Freshwater Fish Directive
	RO6C060	SX806823	Trenchford Res	EC surface water abstraction
	RO6C061			directive monitoring site
	RO6C062			
		SX806823	Trenchford Res	Algological site
10	RO6C049	SX81068271	Tottiford Reservoir	Chemical/biological site
				Freshwater Fish Directive
11	RO6C048	SX80688388	Kennick Reservoir	Chemical site
				Freshwater Fish Directive
	RO6C066	SX80708380	Kennick Reservoir	EC surface water abstraction
	RO6C067			directive monitoring site
	RO6C068			
		SX80708380	Kennick Reservoir	Algological site
12	RO6C013	SX83008632	Above Barytes Mine	Chemical/biological site

TEIGN CATCHMENT 6C (cont)

ROUTINE RIVER MONITORING

13	RO6C014	SX83768671	Prior/R Teign	Chemical/biological site Dangerous Substances Directive
14	RO6C005	SX83438723	Bridford Bridge	Chemical/biological site Freshwater Fish Directive
15	RO6C015	SX83388745	Sowton Bridge	Chemical/biological site
16	RO6C054	SX81998930	Reedy Bridge	Chemical/biological site
17	RO6C004	SX78098979	Clifford Bridge	Chemical/biological site
18	RO6C057	SX77729008	Clifford Barton	Chemical/biological site
19	RO6C053	SX74339000	Fingle Bridge	Chemical/biological site
20	RO6C003	SX70488823	Rushford	Chemical/biological site
21	RO6C001	SX68318763	Leigh Bridge	Chemical/biological site Freshwater Fish Directive Dangerous Substances Directive
22	RO6C052	SX67828900	Chapple	Chemical/biological site
23	RO6C002	SX67758791	Gidleigh Park Hotel	Chemical/biological site Freshwater Fish Directive Dangerous Substances Directive
24	RO6C051	SX66708415	Fernworthy Res	Chemical site Freshwater Fish Directive
	RO6C063	SX670843	Fernworthy Res	EC surface water abstraction directive monitoring site
	RO6C064			
	RO6C065			
25	RO6C037	SX67008430	Fernworthy Res	Algological site
26		SX84358408	Spara Bridge	Chemical/biological site
27		SX87968032	Hams Barton	Biological site
		SX76179267	Crockernwell Stream	Biological site

# River Bovey Catchment 6D



RIVER BOVEY 6D

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
<b>DISCHARGES NON PLC</b>				
1	P06B/P/41	SX84607620	Heathfield Tip	Waste tip leachete/domestic
2*	PO6D/P/2	SX78108280	Eastwray Barton	Sewage treatment works
3	PO6D/P/22	SX73308430	Manor House Hotel	Hotel STW domestic
4*	PO6D/P/42	SX80038092	Hawkmoor	STW domestic
<b>DISCHARGES PLC</b>				
1	WSTW6148FE	SX83807640	Heathfield	Sewage treatment works
2	WSTW6236FE	SX75808030	Manaton	Sewage treatment works
3	WSTW6224FE	SX78758079	Lustleigh	Sewage treatment works
4	WWTW6805DI	SX74328480	Bovey Cross	Water treatment works
5	WSTW6242FE	SX76808490	Moretonhampstead	Sewage treatment works
<b>WASTE DISPOSAL SITES</b>				
1	11AE/11CK	SX831763	Heathfield, Newton Abbot	
<b>ROUTINE RIVER MONITORING</b>				
1	R06D001	SX73768375	Blackaller	Chemical/biological site
2	R06D011	SX78888024	Knowle	Chemical/biological site
3	R06D003	SX83207672	Little Bovey	Chemical/biological site Dangerous substances control site
4	R06D004	SX84477605	Twinyeo Farm	Chemical/biological site Dangerous substances site Freshwater Fish Directive
5	R06D008	SX78588225	Casely Court	Chemical/biological site
6	R06D012	SX76048010	Becka Brook	Chemical/biological site
7	R06D002	SX78938015	Drakeford Bridge	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.