

RIVER TORRIDGE

CATCHMENT ACTION PLAN



NRA

*National Rivers Authority
South West Region*

C O N T E N T S

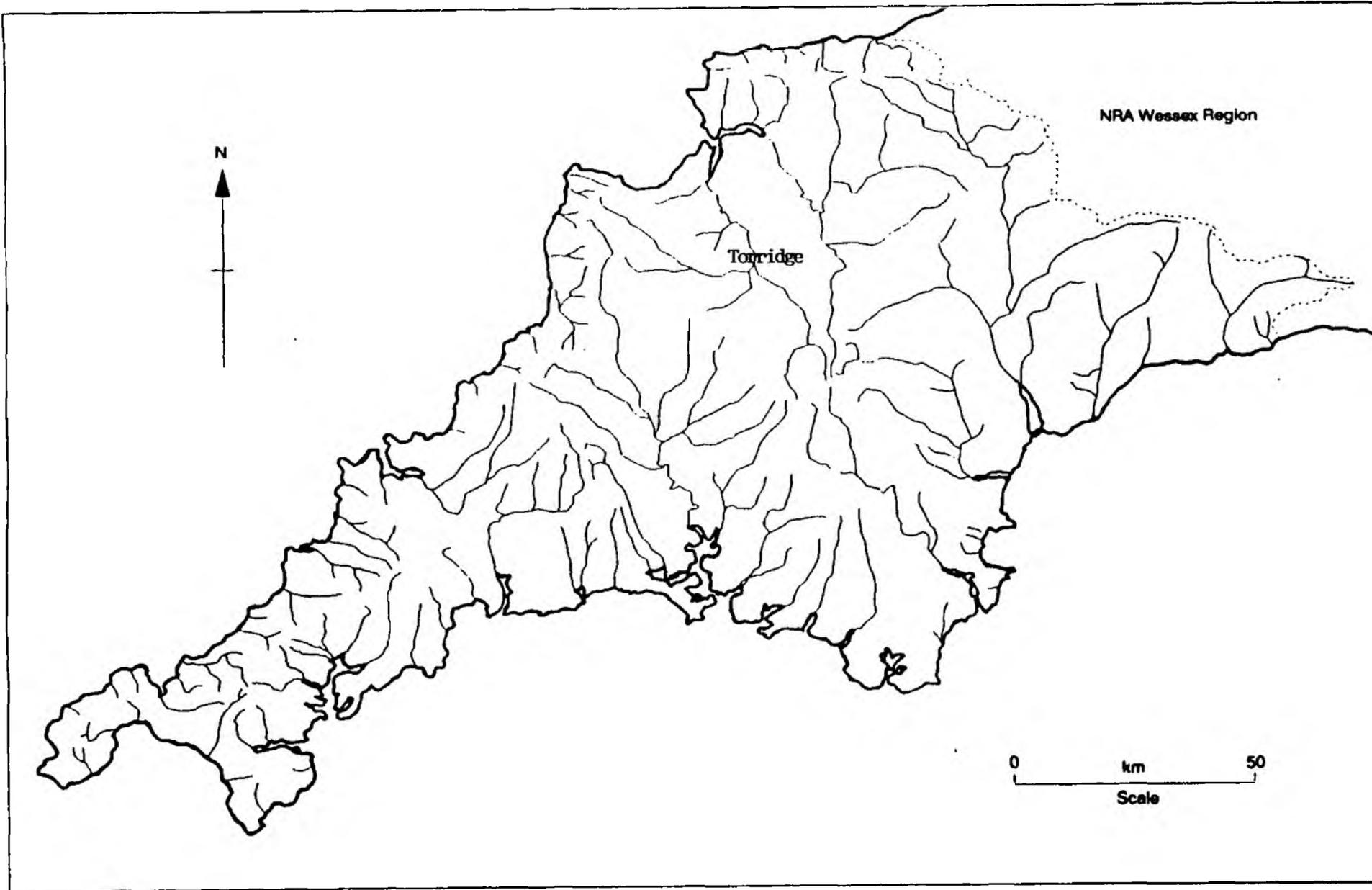
MAP OF NRA SW REGION SHOWING TARGET CATCHMENT

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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 PROPOSED ACTIONS

The River Torridge has supported good brown trout, sea trout and salmon populations.

A decline in water quality associated with numerous pollution incidents was recognised during the early 1980's and systematic inspections of most farms and other premises in the catchment have taken place.

Despite this work fish stocks have not recovered and more detailed actions are now planned.

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

<u>ACTION</u>	<u>TIMETABLE</u>				
	1991	1992	1993	1994	1995
<u>FISHERIES</u>					
Enforce and monitor fixed net legislation					
Monitor sea fishing activity within estuary and determine any restrictions needed to protect migratory fish. Consider ban on drift netting.			---		
Increase estuary enforcement to maximise escapement of game fish.					
Enforce bass legislation.					
Implement NLO of 14 nets.					
Compensate licenced netsmen not to fish for 5 years - linked to joint agreement.					
Re-define sea fishery limit at mouth of estuary to control trawling.					
Consider byelaw to control dredging for mussels.			---		

ACTION

TIMETABLE

1991 1992 1993 1994 1995

Introduce mandatory bag limit for rod fishing.

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

Repair Darkham fish pass.

Consider improvements to fish passage at weirs in East/West Okement.

Install new pass/trap/counter at Beam and consider counter at Monkokehampton.

Continue clearance of trash dams (Torrige, Waldon, Lew)

Continue spawning gravel rehabilitation.

Assess best use of Meldon compensation water available for fisheries purposes.

Annual juvenile surveys.

Annual redd count.

Monitor movements of fish from Torrige estuary beyond Torrington intake using radio tracking.

Programme to be determined

Assess fish stocks downstream of forestry.

Continue NRA/MAFF Torrige Investigation.

Obtain brood stock annually and rear 10,000 - 20,000 parr for experimental stocking or emergency use in Torrige.

ACTION

TIMETABLE

1991 1992 1993 1994 1995

CONSERVATION

Undertake environmental assessment on Weare Giffard, Kenwith Valley and Taddiport flood alleviation schemes. Design and implement environmental enhancement works.

Undertake an environmental assessment of NRA river maintenance works and implement where possible the recommendations of the river corridor survey.

POLLUTION CONTROL

Carry out review of water quality in the catchment.

Followed by a Farm Campaign and Task Force programme of remedial action.

Audit review and enforce ball clay and stone quarry discharges.

Ensure improved effluent treatment at Hatherleigh market and abattoir.

Assess cause and where possible take measures to mitigate effects of acidic run-off in Okement catchment.

Assess impact of 1990 drought at 7 sites.

Assess water quality impact of SWWS public supply proposals.

Carry out pollution risk assessment for Torrington potable supply intake.

ACTION

TIMETABLE

1991 1992 1993 1994 1995

Maintain automatic water quality monitors at Sheepwash and Torrington.

Monitor progress of commissioning of treatment plant and quality improvements following the issue of consents to Meldon Quarry.

Assess impact of Bradworthy STW for consent review

Pre scheme appraisal at Ford and Fairy Cross, St. Giles in the Wood and Dolton STW - part of SWWS Capital Improvement Programme.

Appraisal of SWWS estuary sewage scheme options and subsequent application.

Determine deemed discharge consents.

Assess impact of and remedial measures for landfill site at Deep Moor.

Baseline water quality survey of groundwater to establish :

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

ACTION

TIMETABLE

1991 1992 1993 1994 1995

WATER RESOURCES

Assess need for and impact of public water supply proposals and advise on licence conditions and operating arrangements for :

- (a) Torrington Intake;
- (b) Meldon Reservoir.

Assess operation of hydro electro power releases at Meldon Reservoir.

Review compensation release arrangements for Meldon Reservoir.

Select site and construct gauging station in Upper Torridge.

Construct gauging station at Jacobstowe (Okement).

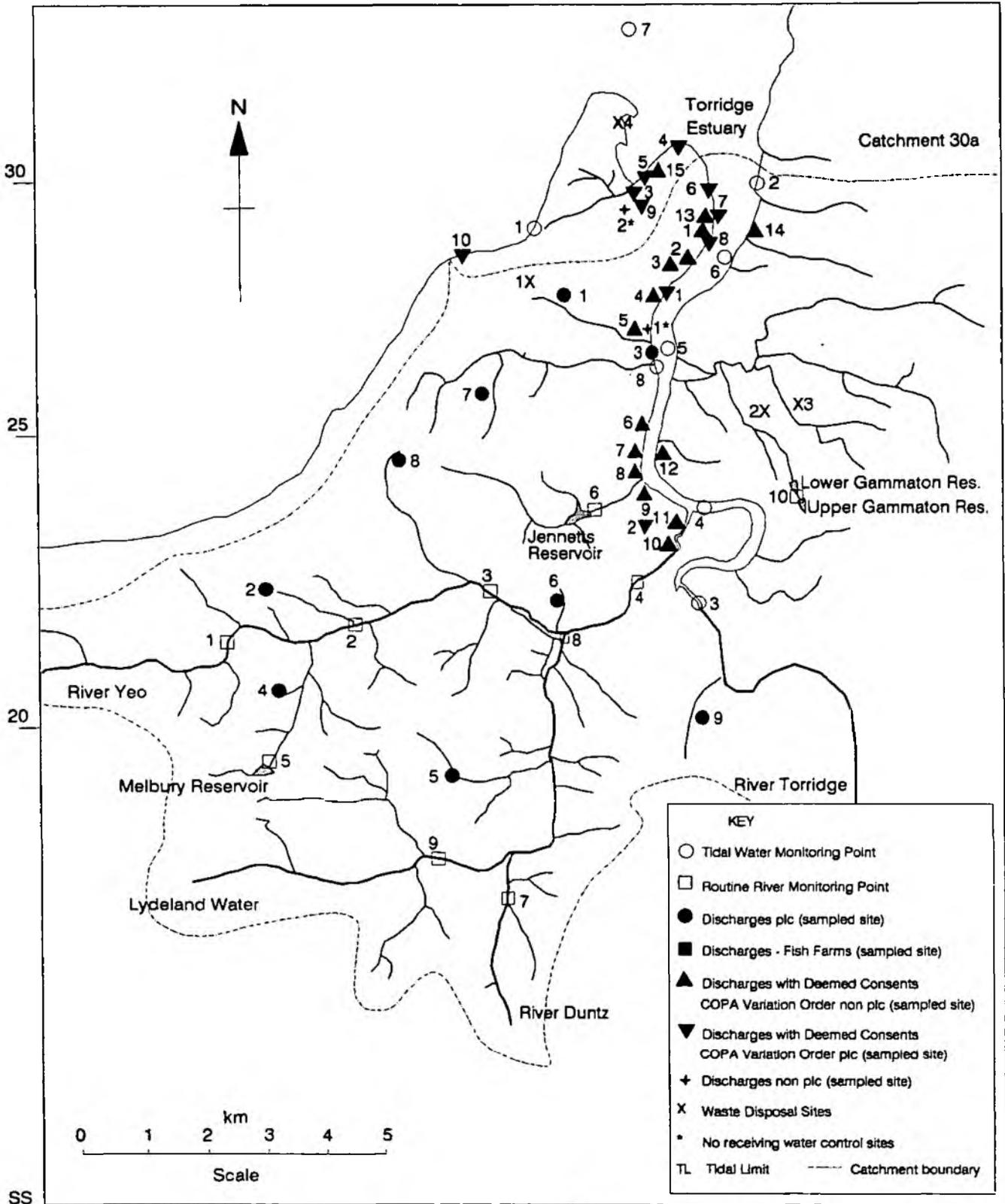
APPENDIX 1

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

River Yeo & the Tidal Torridge 29A



RIVER YEO AND THE TIDAL TORRIDGE CATCHMENT 29A

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
DISCHARGES NON PLC				
1*	P29A/P/20	SS45602810	Goodwood Park	Sewage treatment works
2*	P30A/P/411	SS45433021	Off Broadlane	STW Domestic

DISCHARGES PLC				
1	WSWTW3052FE	SS438283	Buckleigh	Sewage treatment works
2	WSTW3144FE	SS38842321	Horns Cross	Sewage treatment works
3	OUT3428	SS45802736	Fine Screen Plant	Outfall
4	WSTW3232FE	SS39182140	Parkham	Sewage treatment works
5	WSTW3050FE	SS41902040	Buckland Brewer	Sewage treatment works
6	WSTW3175FE	SS436232	Littleham	Sewage treatment works
7	WSTW3001FE	SS427267	Abbotsham	Sewage treatment works
8	WSTW3102FE	SS41092451	Ford & Fairy Cross	Sewage treatment works
9	WSTW3262FE	SS456217	Saltrens	Sewage treatment works

DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER NON PLC

1	P29A/P/401	SS46542973	Bidna Yard, Appledore	
2	P29A/P/402	SS45812860	Goats Hill House, Northam	
3	P29A/P/403	SS45712846	Houses in Northam	
4	P29A/P/407	SS45642820	Hotel & houses in Northam	
	P29A/P/411	SS45632825	Cliff Cottage, Northam	
5	P29A/P/412	SS45592797	Houses in Bideford	
	P29A/P/417	SS45612796	Chircombe Hse, Bideford	
	P29A/P/433	SS45592797	Little Wisley, Bideford	
6	P29A/P/418	SS45382612	Nomar BC Ltd, Bideford	
	P29A/P/419	SS45382611	St Davids, Bideford	
7	P29A/P/420	SS45372598	Goose Green Garage (WC)	
8	P29A/P/422	SS45322524	Forest Hill Hse, Bideford	
	P29A/P/423	SS45322524	Pinewood, Bideford	
9	P29A/P/424	SS45862484	Riverside Cott, Bideford	
10	P29A/P/425	SS46042415	Landcross, Bideford	
11	P29A/P/426	SS46172435	Limekiln Cott, Bideford	
12	P29A/P/429	SS45632588	Nutaberry Works	
13	P29A/P/430	SS46542983	Newquay Dock (WC), Appledore	
14	P29A/P/432	SS47262950	South Yeo Farm, Instow	
15	P30A/P/400	SS45833037	Fairways, Appledore	
	P30A/P/401	SS45833037	The Old Battery, Appledore	

DISCHARGES WITH DEEMED CONSENTS - COPA VARIATION ORDER PLC

1	OUT3452	SS45632817	Limers Lane	Outfall
	OUT3400	SS45602814	Limers Lane-Old Kiln	Outfall
2	OUT3401	SS45762402	Whitehall, Landcross	Outfall
3	OUT3408	SS45203044	Richmond Farm	Septic tank
4	OUT3403	SS46033108	West Appledore	Outfall
	OUT3402	SS46143110	Appledore Pool	Outfall
5	OUT3404	SS45993057	Western Hill	Outfall
6	OUT3405	SS46573023	Bell Slip	Outfall
7	OUT3406	SS46553002	South Road	Outfall
8	OUT3407	SS46572977	Hubbastone Slip	Outfall
9	OUT3410	SS45183037	Diddywell septic tank	Outfall
10	OUT3500	SS41952917	Rock Nose	Outfall

RIVER YEO AND THE TIDAL TORRIDGE CATCHMENT 29A (cont)

WASTE DISPOSAL SITE

1	11CF	SS435284	Westward Ho!, Bideford
2	11DE	SS471264	Pillhead Copse, Bideford
3	11DF	SS474264	Warmington Farm, Bideford
4	11BV	SS448315	Northam Burrows, Bideford

TIDAL WATER QUALITY MONITORING POINT - BATHING WATERS

1	ECB1020	SS43252940	Westward Ho!	EC identified bathing waters
2	ECB1030	SS47173044	Instow Beach	EC identified bathing waters

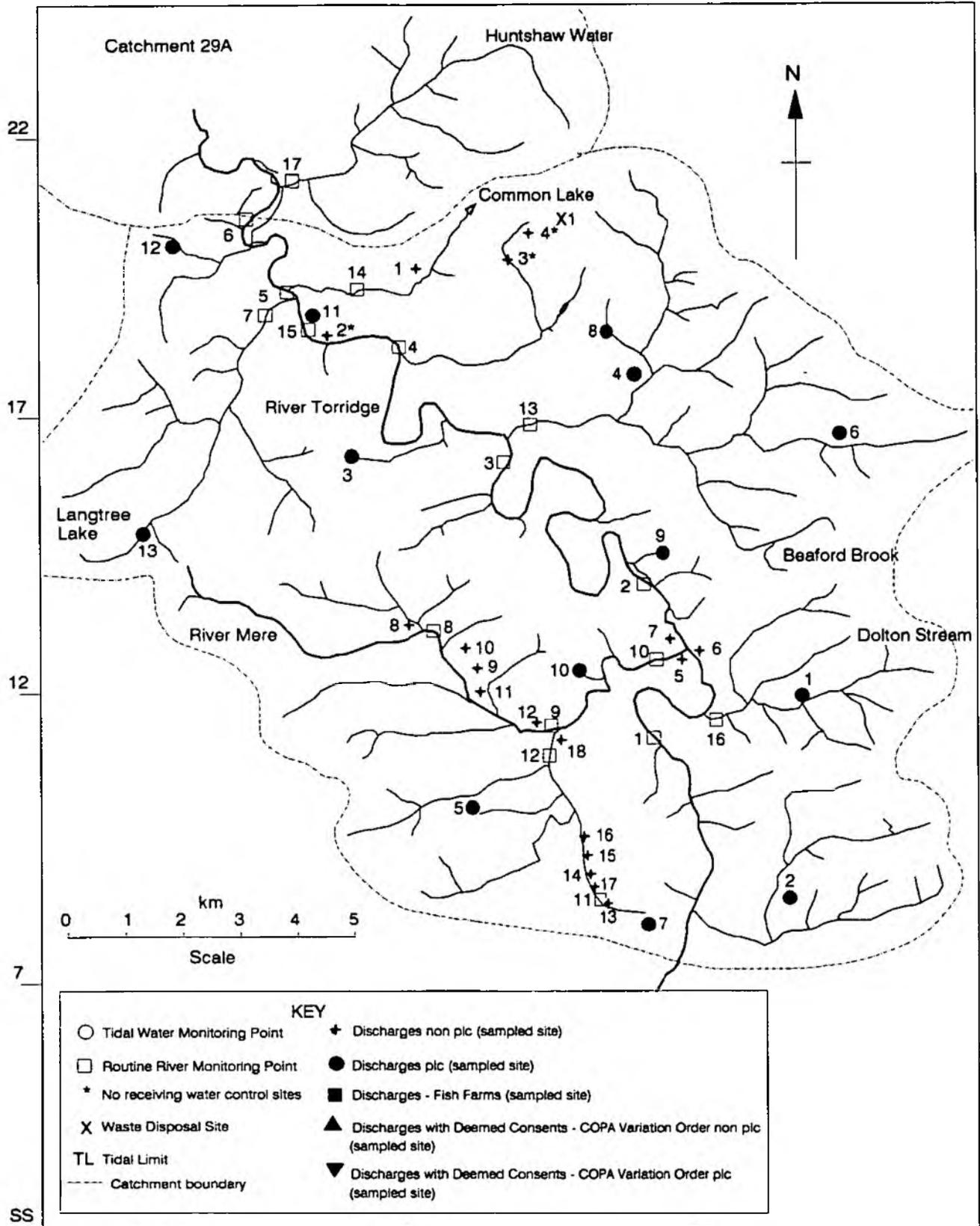
TIDAL WATER QUALITY MONITORING POINT - TIDAL QUALITY

3	E29FO	SS46232293	Torrige	Routine river monitoring
4	E29A7	SS46152470	Pillmouth	Routine river monitoring
5	E29A8	SS45802730	Bideford	Routine river monitoring
6	E29A9	SS46732938	Knapp House	Routine river monitoring
7	E30A9	SS44603280	Airy Point	Routine river monitoring
8	E29C0	SS45702730	Torrige Estuary	Biota sampling monitoring point

ROUTINE RIVER MONITORING

1	R29A001	SS38152223	Foxdown	Chemical/biological site
2	R29A002	SS40182248	Tuckingmill	Chemical/biological site
3	R29A015	SS42762313	Hoopers	Chemical/biological site
4	R29A003	SS45372350	Heale House	Chemical/biological site
5	R29A012	SS38612010	Melbury Reservoir	Freshwater Fish Directive Chemical site
	R29A022			Freshwater Fish Directive
	R29A023	SS387202	Melbury Reservoir	Algological site
	R29A024			EC surface water abstraction directive monitoring site
6	R29A014	SS44412471	Jennetts Reservoir	Chemical/biological site Freshwater Fish Directive Algological site
7	R29A004	SS42941782	Hembury	Chemical/biological site
8	R29A005	SS43922241	Orleigh Mills	Chemical/biological site Freshwater Fish Directive
9	R29A006	SS41931838	Water Bridge	Chemical/biological site Freshwater Fish Directive
10	R29B013	SS48472505	Gammaton Reservoir	Chemical site Freshwater Fish Directive

Mere & Mid Torridge Catchments 29B



MERE AND MID TORRIDGE CATCHMENTS 29B

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
DISCHARGES NON PLC				
1	P29B/P/1	SS49852015	North Devon Meat	Meat processing factory
2*	P29B/P/20	SS48601870	Milk Marketing Board	Milk processing factory
3*	R29B028	SS52051995	Deep Moor Tip	Waste disposal site
4*	R29B018	SS52332083	Deep Moor Tip (N)	Waste disposal site
	R29B019	SS52352082	Deep Moor Tip (E)	Waste disposal site
5	R29B009	SS55001285	Merton/Meeth	Ball clay industry
6	R29B030	SS55151290	U/S Greatwood	Ball clay industry
7	R29B031	SS55101305	D/S Greatwood	Ball clay industry
8	R29B015	SS50301325	Merton V/S NDS	Ball clay industry
9	R29B025	SS51001270	Merton NDS	Ball clay industry
10	R29B008	SS51001235	Merton D/S NDS	Ball clay industry
11	R29B016	SS51601180	Merton, Cart Moor	Ball clay industry
12	R29B026	SS52651135	Merton ND6	Ball clay industry
13	R29B005	SS53300840	Quarry V/S Meeth	Ball clay industry
	R29B022	SS53300840	Quarry Meeth ND 1	Ball clay industry
	R29B023	SS53300840	Quarry Woolladon ND2	Ball clay industry
14	R29B011	SS53150885	Quarry D/S ND1	Ball clay industry
15	R29B027	SS53100890	Quarry Stockleigh	Ball clay industry
16	R29B012	SS53050950	Quarry D/S ND7	Ball clay industry
17	R29B029	SS53050906	Quarry ND3	Ball clay industry
18	R29B013	SS52601115	Quarry D/S ND3	Ball clay industry

DISCHARGES PLC				
1	WSTW3084FE	SS57101200	Dolton	Sewage treatment works
2	WSTW3148FE	SS571081	Iddesleigh	Sewage treatment works
3	WSTW3176FE	SS493168	Little Torrington	Sewage treatment works
4	WSTW3160FE	SS541178	Kingscott	Sewage treatment works
5	WSTW3238FE	SS514102	Petrockstowe	Sewage treatment works
6	WSTW3247FE	SS57501672	Robrough	Sewage treatment works
7	WSTW3188FE	SS546079	Meeth	Sewage treatment works
8	WSTW3256FE	SS53601880	St Giles in Wood	Sewage treatment works
9	WSTW3015FE	SS55361517	Beaford	Sewage treatment works
10	WSTW3190FE	SS523118	Merton	Sewage treatment works
11	WSTW3115FE	SS48181918	Great Torrington	Sewage treatment works
12	WSTW3198FE	SS45822045	Monkleigh	Sewage treatment works
13	WSTW3170FE	SS45001530	Langtree	Sewage treatment works

WASTE DISPOSAL SITE				
1	11BR	SS530210	Deep Moor, Great Torrington	

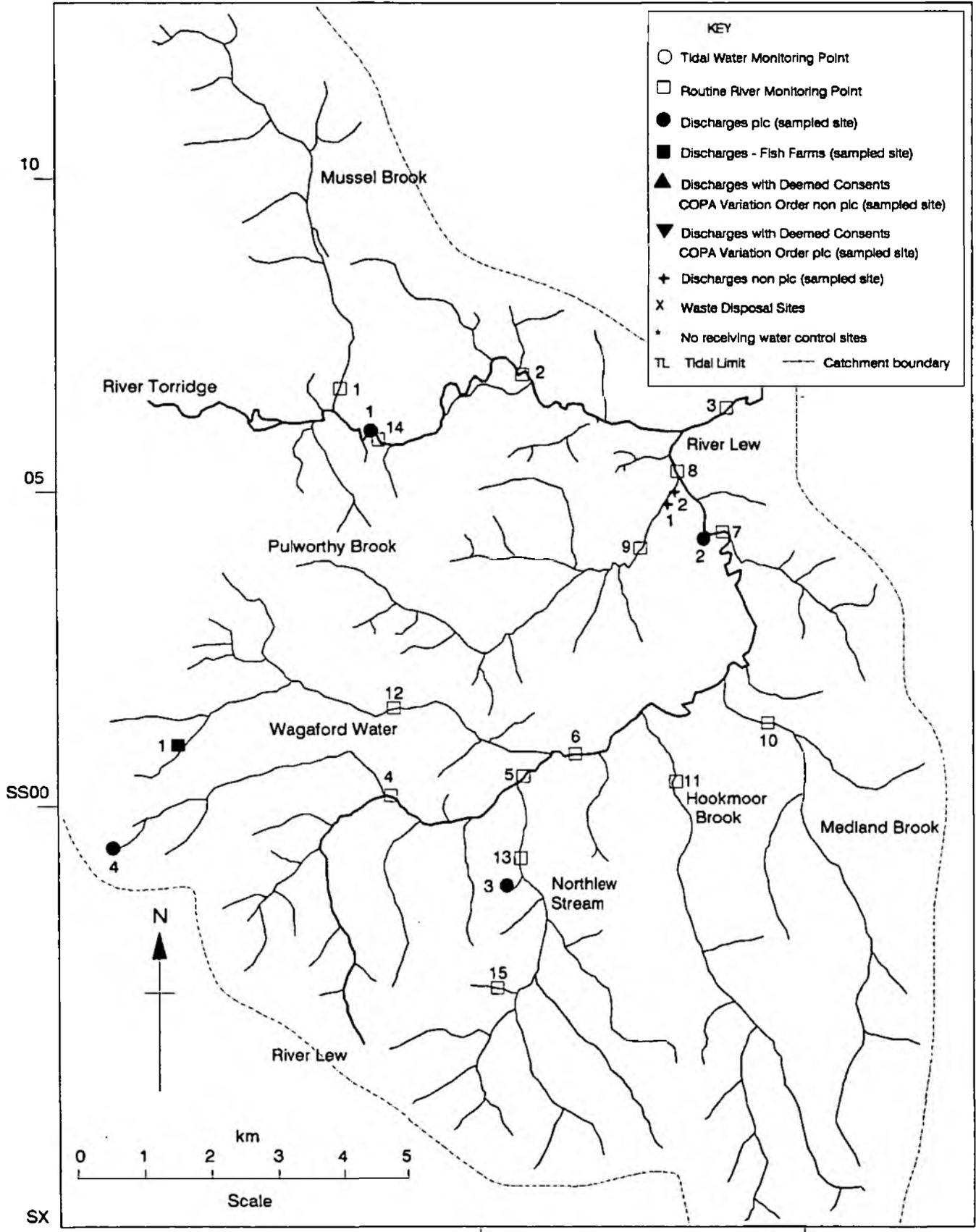
ROUTINE RIVER MONITORING				
1	R29B001	SS54841121	Newbridge	Chemical/biological site Freshwater Fish Directive Drought monitoring site
2	R29B002	SS54261429	Beaford Bridge	Chemical/biological site
3	R29B038	SS51791655	Undercleave	Chemical/biological site
4	R29B003	SS49981838	Town Mills	Chemical/biological site Dangerous substances control site
5	R29B004	SS47911974	Rothern Bridge	Chemical/biological site Dangerous substances site Drought monitoring site

MERE AND MID TORRIDGE CATCHMENTS 29B (cont)

ROUTINE RIVER MONITORING

6	R29B034	SS47372092	Beam Bridge	Chemical/biological site Freshwater Fish Directive Dangerous substances site Harmonised monitoring point
7	R29A016	SS47761922	Service Farm	Chemical/biological site
8	R29B007	SS50231326	Coleford Bridge	Chemical/biological site
9	R29B008	SS52651129	A386 Br Merton	Chemical/biological site
10	R29B009	SS54981287	Greatwood	Chemical/biological site Freshwater Fish Directive
11	R29B005	SS53360841	Woolladon Moor	Chemical/biological site
12	R29B006	SS52571108	Burymoor Bridge	Chemical/biological site
13	R29B037	SS52221714	Castle Hill	Chemical/biological site
14	R29B039	SS49311984	Tantons Plain	Chemical/biological site
15	R29B043	SS48211911	River Torridge	EC surface water abstraction directive monitoring site
16		SS55311154	Dolton Stream	Biological site
17	R29A026	SS47912147	Huntshaw Water	Chemical/biological site

Low Catchment 29C



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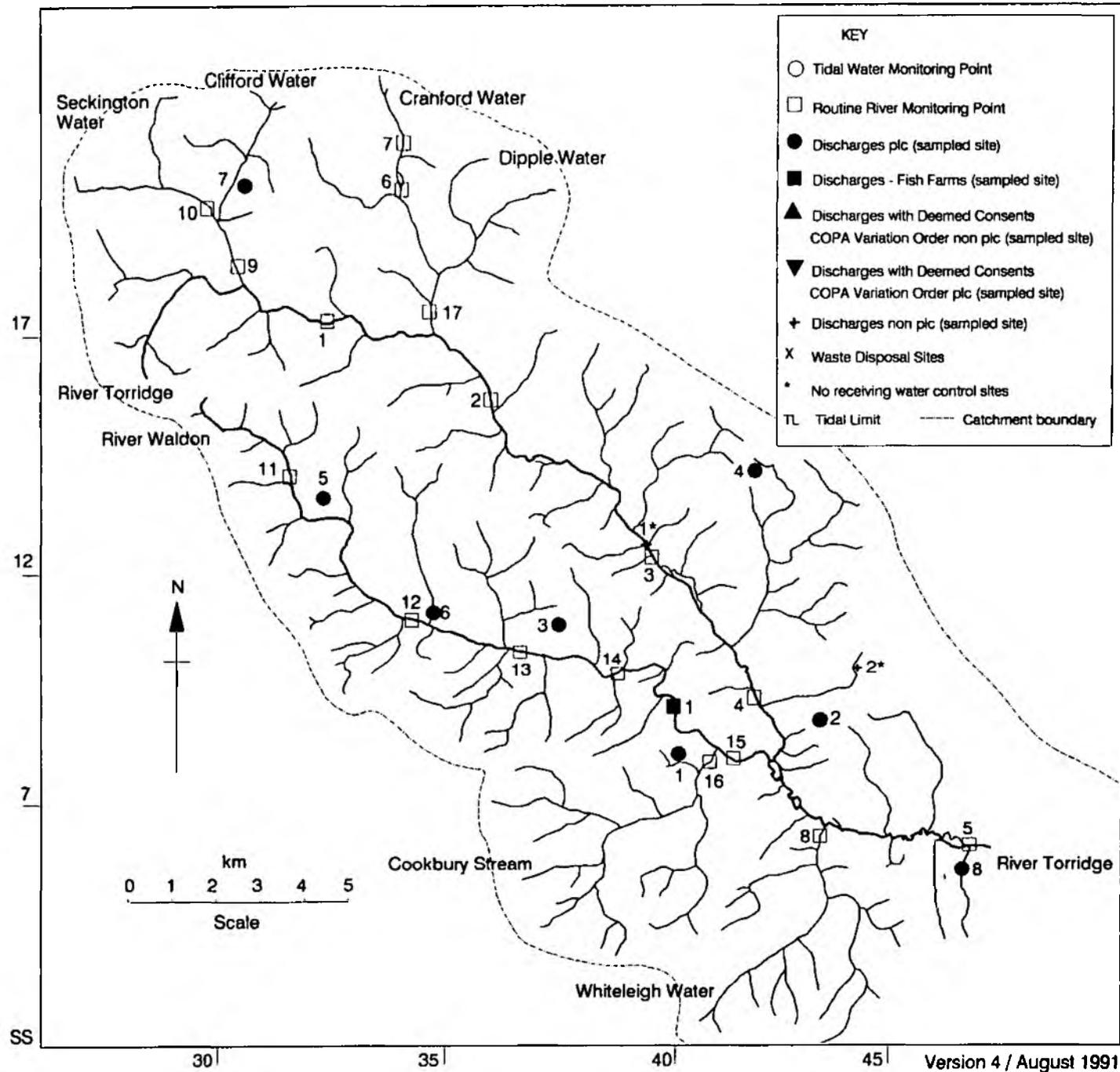
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LEW CATCHMENT 29C

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
DISCHARGES NON PLC				
1	P29C/P/10A	SS53030474	Hatherleigh Abattoir	Trade Effluent
2	P29C/P/10B	SS53200501	Hatherleigh Abattoir	Trade Effluent
DISCHARGES PLC				
1	WSTW3271FE	SS48350610	Sheepwash	Sewage treatment works
2	WSTW3127FE	SS53800424	Hatherleigh	Sewage treatment works
3	WSTW3216FE	SX50339890	Northlew	Sewage treatment works
4	WSTW6142FE	SX44709960	Halwill Junction (Sommersleigh)	Sewage treatment works
FISH FARMS				
1	P29C/P/2	SS455011	The Gables	
ROUTINE RIVER MONITORING				
1	R29C038	SS47770645	Westover	Chemical/biological site
2	R29C004	SS50640699	Rockhay Bridge	Chemical/biological site
3	R29C005	SS54010632	Hele Bridge	Chemical/biological site
4	R29C006	SS48870003	Hole Stock Bridge	Chemical/biological site
5	R29C025	SS50780064	Bloomaford	Chemical/biological site
6	R29C007	SS51400079	Great Rutleigh	Chemical/biological site
7	R29C008	SS54060416	Hatherleigh Bridge	Chemical/biological site Drought monitoring site
8	R29C009	SS53130525	Lewer Bridge	Chemical/biological site Freshwater Fish Directive
9	R29C021	SS52680432	Furzehill	Chemical/biological site
10	R29C022	SS54810133	Waterhouse	Chemical/biological site
11	R29C023	SS53070072	Narracott Ford	Chemical/biological site
12	R29C024	SS48820168	Wagaford Bridge	Chemical/biological site
13	R29C026	SX506991	North Lew	Chemical/biological site
14	R29B035	SS48650574	Sheepwash (D/S Br)	Chemical/biological site
15	R29C029	SS50459700	Coombe	Chemical/biological site

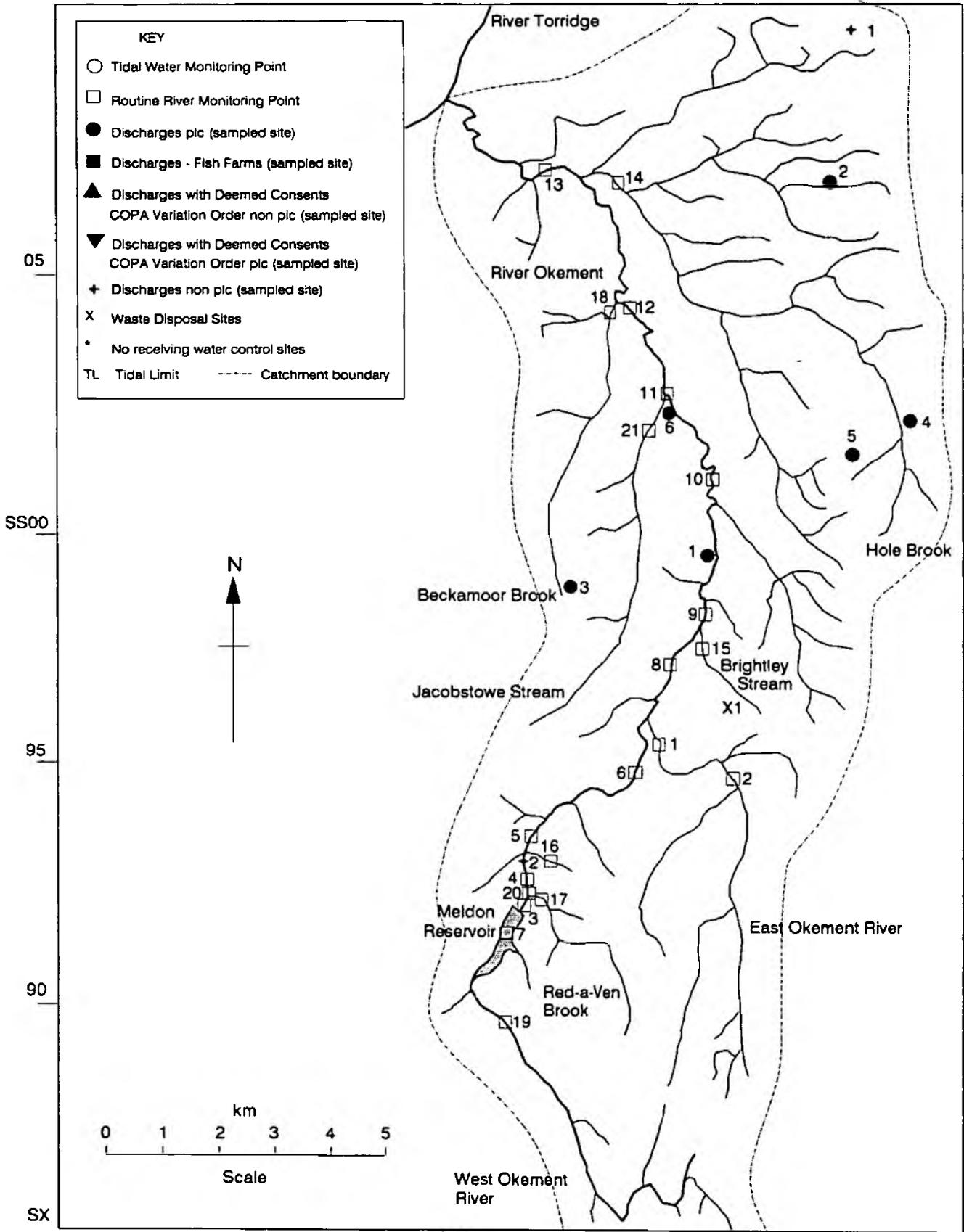
River Waldon & Upper Torridge Catchments 29C



RIVER WALDON AND UPPER TORRIDGE CATCHMENTS 29C

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
DISCHARGES NON PLC				
1*	P29C/P/21	SS39851250	Woodford Bridge Hotel	Domestic STW
2*	P29C/P/17	SS44600960	Shebbear College	Domestic STW
DISCHARGES PLC				
1	WSTW3294FE	SS40150808	Thornbury	Sewage treatment works
2	WSTW3270FE	SS43720913	Shebbear	Sewage treatment works
3	WSTW3194FE	SS379111	Milton Damerel	Sewage treatment works
4	WSTW3285FE	SS428147	Stibb Cross	Sewage treatment works
5	WSTW3033FE	SS33001360	Bradworthy	Sewage treatment works
6	P29C/P/20	SS34641103	Sutcombe Mill	Sewage treatment works
7	WSTW3336FE	SS340208	Woolfardisworthy	Sewage treatment works
8	WSTW3026FE	SS46950590	Black Torrington	Sewage treatment works
FISH FARMS				
1	P29C/P/3	SS403093	Waldon Fish Farm	
ROUTINE RIVER MONITORING				
1	R29C001	SS32511776	Fordmill Farm	Chemical/biological site
2	R29C032	SS36391592	Putford Bridge	Chemical/biological site
3	R29C002	SS39871253	Woodford Bridge	Chemical/biological site Drought monitoring site
4	R29C033	SS42220942	Gidcott	Chemical/biological site
5	R29C003	SS46960608	Kingsley Mill	Chemical/biological site Freshwater Fish Directive
6	R29C044	SS34152053	Lanemill Bridge	Chemical/biological site Dangerous substances control site
7	R29C046	SS34401985	Cranford Water	Chemical/biological site Dangerous substances directive
8	R29C039	SS43890638	Dippermill	Chemical/biological site
9	R29C040	SS30211843	Biteford	Chemical/biological site
10	R29C041	SS29802001	Gorvin	Chemical/biological site
11	R29C010	SS31841408	Berridon Cottage	Chemical/biological site
12	R29C030	SS34681096	Sutcombe	Chemical/biological site
13	R29C011	SS36841041	Waldon Bridge	Chemical/biological site
14	R29C042	SS39220986	Berry Farm	Chemical/biological site
15	R29C012	SS41510804	Henscott Bridge	Chemical/biological site Freshwater Fish Directive
16	R29C043	SS41220801	Bason Cross	Chemical/biological site
17	R29C013	SS34951776	Dipple Bridge	Chemical/biological site Dangerous substances site

River Okement Catchment 29D



RIVER OKEMENT CATCHMENT 29D

NO	REFERENCE	NGR	LOCATION	ADDITIONAL DETAILS
DISCHARGES NON PLC				
1	P29D/P/14	SS62400890	Wagon Wheels Hol.Pk	STW Domestic
2		SX56499294	Meldon Quarry Adit	Stone Quarry
DISCHARGES PLC				
1	WSTW3230FE	SX59909830	Hill Barton	Sewage treatment works
2	WSTW3049FE	SS617056	Broadwoodkelly	Sewage treatment works
3	WSTW3100FE	SX57259818	Follygate	Sewage treatment works
4	WSTW3266FE	SS63370116	Sampford Courtney	Sewage treatment works
5	WSTW3264FE	SS62400100	Sampford Chapple	Sewage treatment works
6	WSTW3152FE	SS59200170	Jacobstowe	Sewage treatment works
WASTE DISPOSAL SITE				
1		SX605955	Fatherford, Okehampton	
ROUTINE RIVER MONITORING				
1	R29D001	SX58879522	A30 Br, Okehampton	Chemical/biological site Freshwater Fish Directive
2	R29D031	SX60469461	Fatherford Rail	Chemical/biological site
3	R29D027	SX56439184	Below Meldon Dam	Chemical/biological site
4	R29D032	SX56479233	Viaduct, Meldon	Chemical/biological site Dangerous substances control site
5	R29D030	SX56679335	D/S Meldon Quarry Br	Chemical/biological site Dangerous substances site
6	R29D002	SX58659470	Okehampton Hospital	Chemical/biological site Freshwater Fish Directive
7	R29D053	SX56159144	Meldon Reservoir	Chemical site Freshwater Fish Directive Algological site
	R29D058	SX563917	Meldon Reservoir	EC surface water abstraction directive monitoring site
	R29D057			
	R29D056			
	R29D055			
8	R29D026	SX59309630	Knowle Bridge	Chemical/biological site
9	R29D003	SX59879745	Brightley Bridge	Chemical/biological site Dangerous substances control site
10	R29D004	SS59950013	South Dornaford	Chemical/biological site Dangerous substances site
11	R29D008	SS59250172	Jacobstowe	Chemical/biological site
12	R29D005	SS58470340	Woodhall Bridge	Chemical/biological site Freshwater Fish Directive Drought monitoring site
13	R29D006	SS56790585	Iddesleigh Bridge	Chemical/biological site
14	R29D007	SS583056	Monkokehampton	Chemical/biological site
15	R29D025	SX59709700	Brightley Mill (B3271 bridge)	Chemical/biological site Dangerous substances directive
16	R29D029	SX56809290	Meldon Quarry Str	Chemical/biological site Dangerous substances directive
17	R29D028	SX56419199	Prior Okement	Chemical/biological site
18	R29D052	SS58200330	Terris Bridge	Chemical/biological site
19	R29D054	SX56048983	West Okement	EC surface water abstraction directive monitoring site
20	R29D109	SX564921	100M D/S Red-A-Ven	Chemical/biological site
21		SS59150160	Jacobstowe Stream	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.