EA MIDLANDS BOX 8

RIVER WATER QUALITY IN THE MIDLANDS 1997



ENVIRONMENT AGENCY

Acknowledgements

This report was compiled by Gill Litton, Caitlin Funnell and Julia Perkins (Water Quality Planning Section, Olton Court). We would like to thank everyone who contributed to the report.

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Wellington Crescent	Welshpool Road	Scarrington Road	Newtown Industrial Est.
Fradley Park	Shelton	West Bridgford	Northway Lane
Lichfield	**Shrewsbury**	**Nottingham**	**Tewkesbury**
WS13 8RR	SY3 8BB	NG2 5FA	GL20 8JG
Tel: 01543 444141	Tel: 01743 272828	Tel: 0115 945 5722	Tel: 01684 850951

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1. Introduction to Water Quality Information

The Environment Agency was formed in 1996 from the merging of the Local Waste Regulation Authorities, Her Majesty's Inspectorate of Pollution and the National Rivers Authority. It has a duty to protect and improve the water environment in England and Wales.

The Environment Agency produces and uses large amounts of information in order to carry out its duties. We enforce European and UK legislation, monitor consents to discharge, set quality objectives for rivers, canals, coastal waters and estuaries, and grade river quality. This report provides information on these aspects of our work.

Statutory powers to regulate the environment derive from European Union Directives and domestic legislation such as the Environmental Protection Act 1990, the Water Resources Act 1991 and the Environment Act 1995. To implement the requirements of various EC Directives which relate to water quality, the UK Government has issued a series of statutory instruments. These statutory instruments (or Regulations) contain a series of statutory Environmental Quality Standards (EQSs). For example, the Surface Waters (Fishlife) (Classification) Regulations 1997 (SI 1331) implement the requirements of the Freshwater Fish Directive (78/659/EEC) and contain statutory EQSs which apply to all waters designated as salmonid or cyprinid fisheries. There are also statutory EQSs for the control of dangerous substances discharged into water and standards for water quality at the point of abstraction for drinking. This report covers the results of our monitoring programmes to enforce the requirements of various EC Directives.

The Environment Agency regulates discharges of sewage and industrial effluent into the aquatic environment through the issue of discharge consents. The Agency has an extensive sampling programme by which it monitors compliance against consents. The Agency also assesses environmental quality over time and grades rivers in terms of both chemical and biological quality, in accordance with the General Quality Assessment (GQA) Scheme.

River Quality Objectives (RQOs) have been assigned to all rivers and canals in the region, in accordance with the River Ecosystem Classification Scheme. The Agency discusses the objective to be applied to each river in its Local Environment Agency Plans (LEAPs). These form an important part of the Agency's water quality planning. Compliance with the RQOs is presented in this report.

In spite of vigilance, pollution incidents do occur. The public are encouraged to report such incidents on the Emergency Hotline (0800 807060). In 1997 a total of 4411 substantiated pollution incidents were reported. Details of these are given in the report together with the prosecutions which resulted.

Other work is carried out on particular problems such as eutrophication and pesticides in surface waters. Much of this work is reported in other documents and further details can be provided on request. We would welcome suggestions concerning other information that should be considered for inclusion in future data reports.

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2. Consents to Discharge

Regulation of discharges to watercourses is by means of a system of legally enforceable permissions known as consents. Consents may include one or more discrete discharges. These are issued under the Water Resources Act 1991 as modified by the Environment Act 1995. They include conditions covering a wide range of aspects of the discharge including its volume and chemical nature. Compliance with these conditions is monitored using results of sampling and site inspection programmes. All results from this work are available to the public from registers maintained by the Agency. Details are given below of the numbers of consents and levels of compliance in Midlands Region in 1997. Further detailed information is available from the Customer Services section of the relevant Agency Area office or by contacting the Water Quality Consents section on 0121 711 2324.

Table 2.1 Authorisations, Revocations and Lapsed Consents in 1997

DETAILS OF CONSENTS	NUMBER
Severn Trent Water Ltd consents issued	91 (discharges)
Severn Trent Water Ltd consents modified	40
Non Severn Trent Water Ltd consents issued	437
Non Severn Trent Water Ltd consents modified	60
Consents revoked	186
Deemed consents refused (1963 RPP Act applications)	55
Prohibition Notices issued	39

Table 2.2 Appeals

DETAILS OF APPEALS	NUMBER
Appeals by Severn Trent Water Ltd outstanding at start of year	217
Appeals by Severn Trent Water Ltd resolved by end of year	4*
Number of new appeals made in 1997	32
Appeals by Severn Trent Water Ltd outstanding at end of year	247

* Appeal resolution delayed by high Schedule 23 workload

Table 2.3 Authorisations in Force at the End of 1997

DETAILS OF AUTHORISATIONS	NUMBER
Severn Trent Water Ltd	7403**
Non Severn Trent Water Ltd	6821**

These authorisations include :

Severn Trent Water Ltd sewage treatment works	1007
Severn Trent Water Ltd combined sewer overflows	2709
Septic tank / soakaway	2312
Private sewage treatment plants	2443
Trade discharge to watercourse	2022
Prohibition Notices in force	771

** These totals include large numbers of discharges which are very small, intermittent, or have minimal impact.

2.1 Compliance of Consents with Conditions

Discharges classified as significant are monitored in sampling programmes or by site inspection. Most of the consents for these discharges have numeric standards. For example, most sewage works serving populations of more than 250 have standards for suspended solids and biochemical oxygen demand. Others have conditions describing such matters as operational methods.

Consents issued to Severn Trent Water Ltd have two types of numeric limit; a 95th percentile limit with compliance based on a "Look up Table" and an "Upper Tier/Absolute", which is numerically higher but which must never be exceeded. Consents issued to organisations other than Severn Trent Water Ltd generally have absolute limits.

The results of compliance monitoring for 1997 are given below.

Table 2.4 Results of Compliance Monitoring for 1997

TYPE OF CONSENT	NUMBER OF DISCHARGES SAMPLED OR INSPECTED	NUMBER OF DISCHARGES COMPLIANT (%)
Severn Trent Water numeric	746	723 (96.9)
Private sewage treatment plants (> 5m^3)	563	313 (55.6)
Industrial	958	740 (77.2)
Severn Trent Water descriptive	188	*
Other descriptive	169	*

* Reporting procedures are currently under review. Information on individual consents can be supplied on request.

3. General Quality Assessment (GQA) Gradings

Rivers and canals are split into stretches for the purpose of monitoring. More than 1260 stretches are now routinely sampled for chemical quality in Midlands Region, with 12 samples taken annually on each stretch. Once every five years, biological monitoring is also carried out in all stretches for the quinquennial survey, with two seasonal samples being taken from each stretch. The next quinquennial survey is in the year 2000. In intervening years a proportion of biological sites is monitored. Details of the biological and chemical aspects of the GQA scheme are given in the Appendix (Sections 8.1 and 8.2). Tables 3.1 below gives the lengths of rivers and canals which were assigned each grade in 1997.

Blocks of three years' routine chemical data are used to grade each stretch every year e.g. the 1990 grade, taken as baseline quality, is calculated from the 1988/89/90 dataset, and the 1997 grade from the data for 1995/96/97. A comparison of GQA grade from year to year allows identification of both problems and progress on achievement of improvements. Table 3.2 below summarises the net change in chemical quality in the Region from 1990 to 1997. Figure 3.1 illustrates the percentage length of river in each grade in the baseline year and in each year from 1992 to 1997.

Biology data for 1997 are also included in this report. The chemical and biological results for all the stretches in Midlands Region are illustrated in the maps on Pages 9 and 10 and in detail in the Data Table on Pages 35-105. On the maps, stretches are coloured according to their chemical and biological quality as shown in the key.

The GQA scheme tends to give relatively large numbers of apparent grade changes from year to year. This is due to the method of calculation which gives a "Face Value" grade, taking no account of whether the change is significant in a statistical sense or is the result of the variable nature of environmental measurements. In order to cope with this problem it is possible to use standard statistical confidence testing procedures to highlight those changes in which there is good confidence. Those stretches for which there is a 95% or greater confidence of change of grade are marked "up" for upgrades and "down" for downgrades.

Table 3.1 Summary of Rivers and Canals Graded in 1997

Chemistry	A	B	C	D	E	F	Total
Length (km)	781.5	2209.9	2072.4	869.0	681.5	62.5	6676.8
%	11.7	33.1	31.0	13.0	10.2	0.9	100

Biology (strict grades only)[1]	A	B	C	D	E	F	Total
Length (km)	278.6	695.3	544.2	294.8	140.9	35.1	1988.9
%	14.0	35.0	27.4	14.8	7.1	1.8	100

[1] See Appendix 8.2 for the definition of Strict Grades

Table 3.2 Summary of Net Change in Chemical Quality 1990 - 1997

Length of River Upgraded %	40.9
Length of River Downgraded %	15.0
Net Improvement %	25.9

Figure 3.1 General Quality Assessment for Chemical River Quality, Midlands Region 1990 to 1997

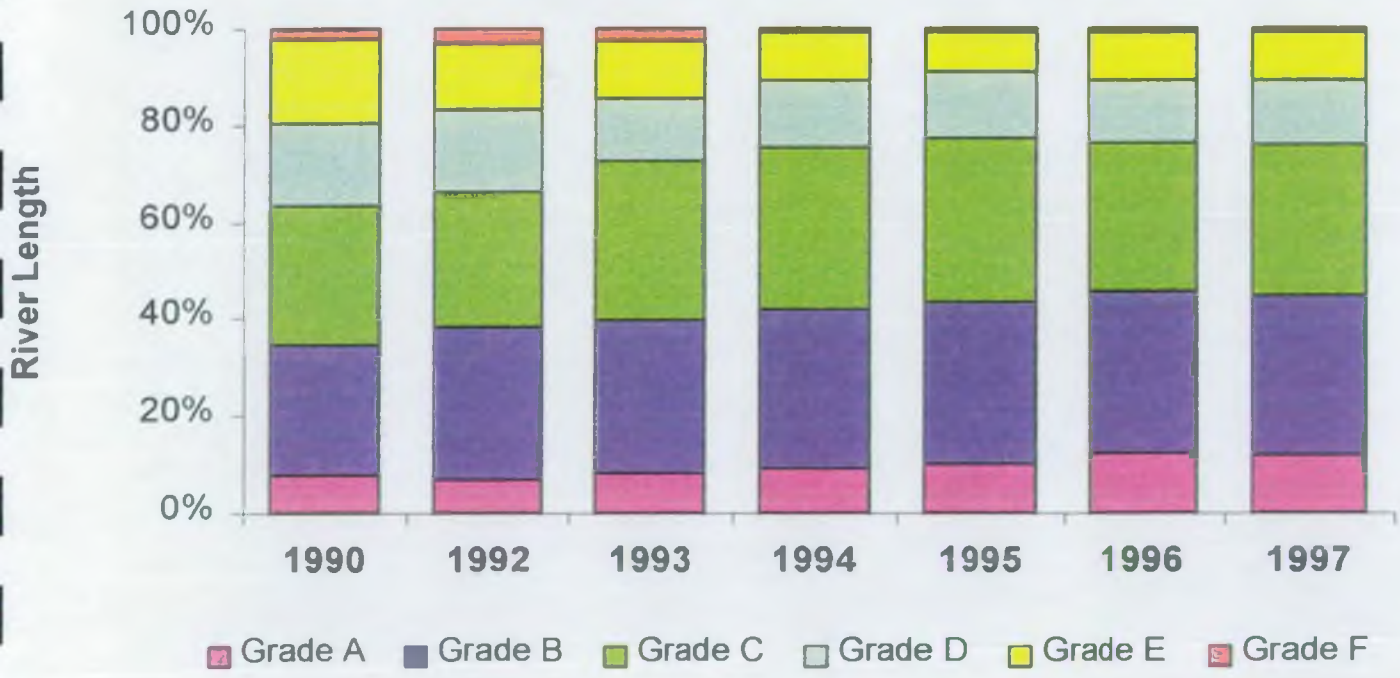
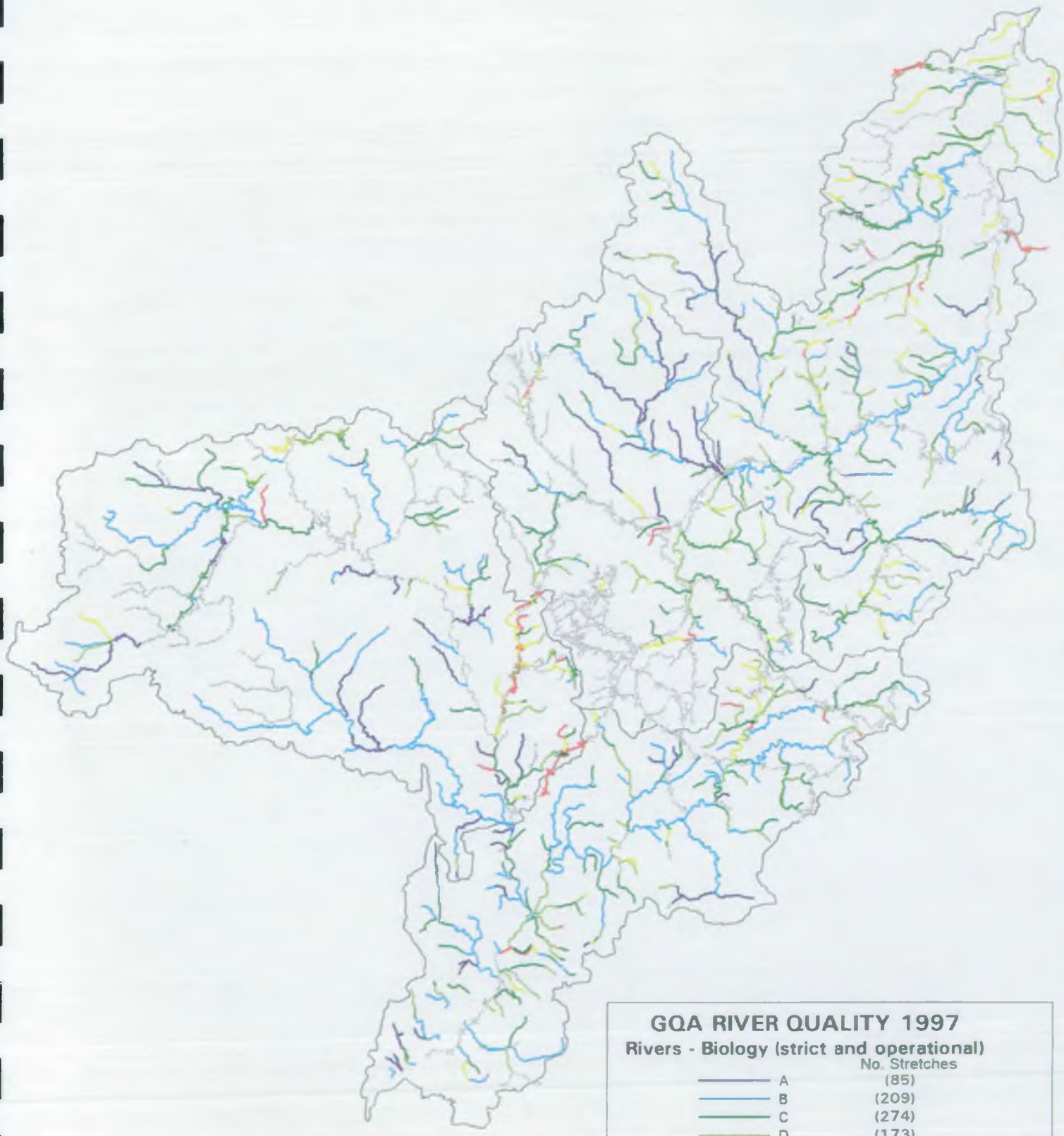


Figure 3.2


GQA RIVER QUALITY 1997
Rivers - Chemistry
No.Stretches
A (107)
B (356)
C (368)
D (158)
E (137)
F (15)
Not graded (1)
Canals - Chemistry
No. Stretches
A (2)
B (17)
C (32)
D (37)
E (33)
F (4)
Not graded (0)

Figure 3.3


GQA RIVER QUALITY 1997
Rivers - Biology (strict and operational)
No. Stretches
A (85)
B (209)
C (274)
D (173)
E (105)
F (33)
Not graded (264)
Canals - Biology (strict and operational)
No. Stretches
A (1)
B (2)
C (8)
D (3)
E (1)
F (5)
Not graded (105)

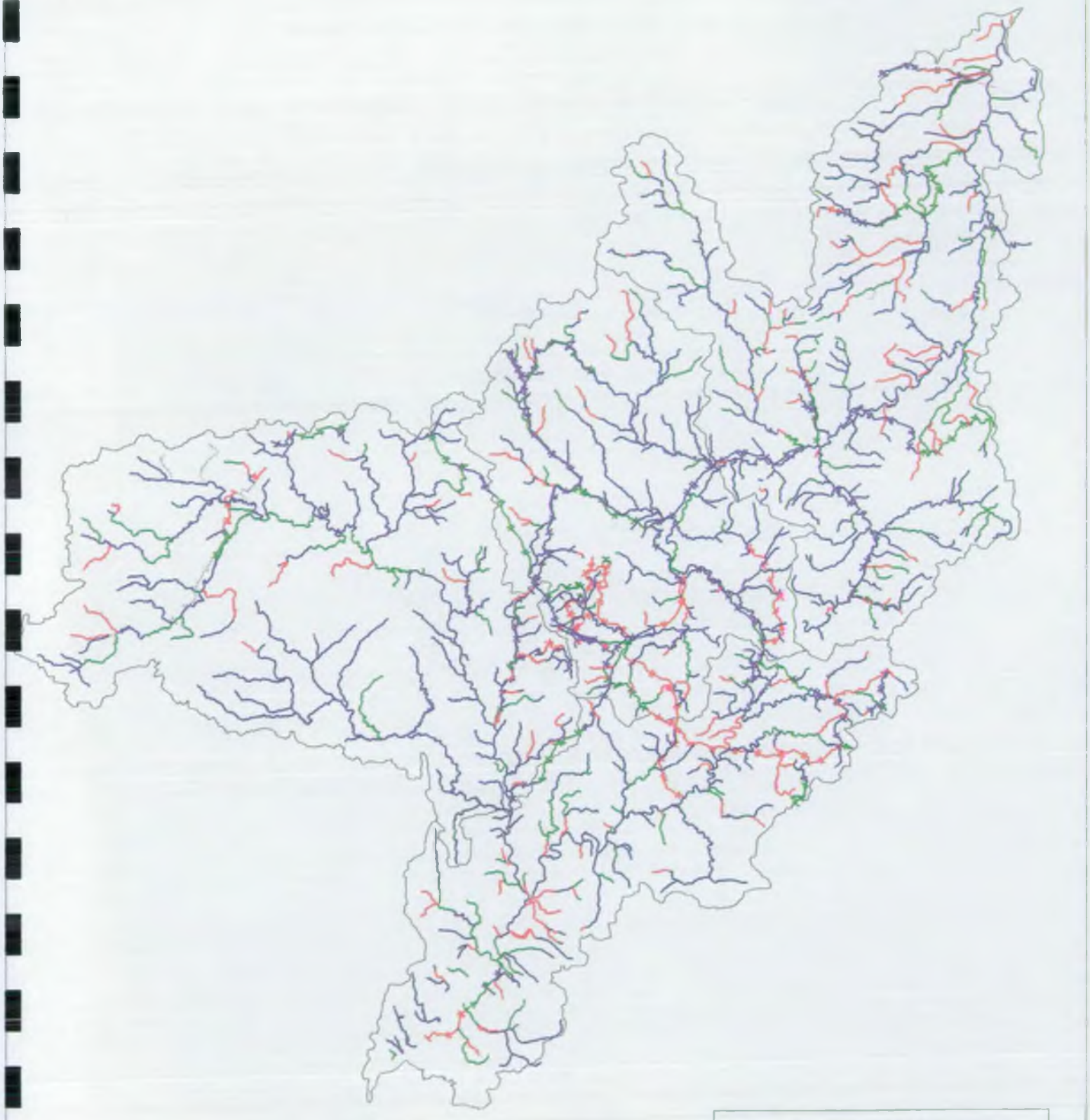
4. River Quality Objectives

The Agency assigns a River Quality Objective (RQO) to each stretch of river using the River Ecosystem Classification Scheme, which is detailed the Appendix (Section 8.4). All classified stretches are given an RQO.

Compliance against the RQO is illustrated graphically on Page 12 and in the Data Tables on Pages 35-105. Calculation of compliance is based on percentiles, with the relevant percentiles being as follows: BOD 90th percentile; total ammonia 90th percentile; dissolved oxygen 10th percentile; pH 5th and 95th percentiles; unionised ammonia, zinc and copper 95th percentiles.

The natural variability of water quality is taken into account by the calculation of confidence limits. Where there is 95% confidence that a stretch has failed to achieve its RQO, the stretch is classed as a significant failure (S). These are shown as red on the map. Stretches shown in green are marginal failures (M). These stretches appear to fail on the face value but this cannot be demonstrated to be statistically significant using 95% confidence limits. Compliant stretches (C) are shown in blue.

Figure 4.1


RQO COMPLIANCE 1997
Rivers
No. Stretches
C (724)
M (193)
S (218)
Not assessed (6)
Canals
No.Stretches
C (69)
M (27)
S (28)
Not assessed (1)

5. Water Quality Incidents and Prosecutions in 1997

Numbers and types of pollution incidents are reported annually by the Environment Agency. Incidents are categorised according to their seriousness. Category 1 are major incidents involving extensive fish kills and effects on public water supply. Category 2 are significant and Category 3 are minor but both involve some environmental impact, possibly including fish mortality. Category 4 are unsubstantiated. The tables below give a breakdown of incidents by category, source and type for 1997. For comparison, the 1996 figures for Category 1 are included.

Table 5.1 Pollution Incidents by Category

Category 1 97	Category 1 96	Category 2	Category 3	Total substantiated	Category 4
25	25	209	4177	4411	1437

Table 5.2 Pollution Incidents by Premises

Agriculture	Industry	Sewage	Mining	Transport	Other	Total
407	787	1225	27	508	1453	4411

Table 5.3 Pollution Incidents by Type

Organic	Fuel & oils	Sewage	Chemicals	Other	Total
445	1337	999	430	1200	4411

Table 5.4 Pollution Prosecutions 1997

Incident Number	Area	Court	Hearing Date	Defendant	Incident Date	Site	Category	Nature of Offence	Fine	Fine Details	Costs
97/01	U/S	Ludlow	10.01.97	Avondale Park Homes	20.6.96	Trib Mill Brook	3	Treated sewage effluent	£450		Legal £250 ID £125
97/02	L/T	Hinckley	29.01.97	Severn Trent Water	12.08.96	Thurlaston Brook	2	Raw sewage	£3,000		Legal £200 ID £102 Biol £33 Fish £33 AN £24
97/03	L/T	Hinckley	29.01.97	Hinckley & Bosworth DC	12.08.96	Thurlaston Brook	2	Raw sewage	£5,000		Legal £200 ID £210 Biol £68 Fish £68 AN £54
97/04	U/T	Birmingham	18.2.97-19.2.97	Hollow Extrusions Ltd	1.1.96	Trib River Cole	2	Lubricating oil	£3,000		Legal £5344.48 ID £717.49 PC £645.98 Witness £35
97/05	U/T	Solihull	20.2.97	Rover Group	12.4.96	Hatchford Brook	1	Trichlorethylene	£4,000		Legal £500
97/06	L/T	Leicester	3.3.97	R F Brookes Ltd	8.8.96	River Sence	1	Ammonia solution	£7,500		Legal £500
97/07	U/S	Market Drayton	19.3.97	Andrew Wrench	12.6.96	Trib River Perry	2	Silage effluent	£1,000		Legal £500
97/08	U/S	Bridgnorth	9.5.97	W H Rodenhurst	11.4.96	Trib Daddle Brook	3	Farm effluent	£500		Legal £400 ID £250 AN £100
97/09	L/T	Hinckley	22.5.97	A Oliver	14.5.96	Trib Sibson Brook	1	Ammonium Nitrate		Cond Discharge 2 years	Legal £2,092.50 Pol Cont £917.00 Witness £300.00 Fisheries £500.00

Table 5.4 Pollution Prosecutions 1997 (cont.)

Incident Number	Area	Court	Hearing Date	Defendant	Incident Date	Site	Category	Nature of Offence	Fine	Fine Details	Costs
97/10	L/T	Leicester	28.5.97	Frigoscandia	8.8.96	River Sence	1	Ammonia Solution	£5000		Legal £5100.00 Witness £334.00
97/11	U/T	Sutton Coldfield Birmingham Crown Court	23.6.97 19.8.97	Birmingham City Council	19.8.96-22.8.96	Plants Brook, Sutton Coldfield	1	Untreated sewage	£18,000	Reduced to £5000 on appeal	Legal £1,884.32 Pol Con £1,444 FD £163 Fisheries £225 Lab £117
97/12		Sutton Coldfield Birmingham Crown Court	23.6.97 19.8.97		19.8.96-22.8.96	Plants Brook, Sutton Coldfield	1	Untreated sewage	£18,000	Reduced to £5000 on appeal	
97/13	U/S	Droitwich	1.8.97	Severn Trent Water	12.9.96	Blackpool Ombersley	2	Untreated sewage	£8000		Legal £2000 ID £1980
97/14	L/S	Stratford-upon-Avon	8.8.97	J. A. Wrench	26.2.97	Trib Nethercote Brook	2	Section 85(1) WRA Farm slurry		Cond Discharge 12 months	Legal £350 ID £150
97/15	U/T	Oldbury	20.8.97	Currall Lewis & Martin	4.5.96	R. Tame Oldbury	2	Section 85(1) WRA Causing pollution Pumped Excavation Water	£3000		Legal £1487 ID £1040
97/16	L/S	Forest of Dean	28.10.97	Valley Chemical Co Ltd	14.02.97	Trib of Lydney Canal	2	Section 85(1) WRA Causing pollution Sodium Hypochlorite	£2000		Legal £350 ID £220

Table 5.4 Pollution Prosecutions 1997 (cont.)

Incident Number	Area	Court	Hearing Date	Defendant	Incident Date	Site	Category	Nature of Offence	Fine	Fine Details	Costs
97/17	U/T	Solihull	16.12.97	Notcutts Nurseries Ltd	17.12.96	Monkspath Meadow	2	Section 85(1) WRA Causing pollution overflow from blocked public foul sewer	£1000		Legal £1188 Conservation £360
97/18	U/T	Burton-upon-Trent	22.12.97	Marley Building Services Ltd	4.8.97	Tattenhill Brook	2	Section 85(1) WRA Causing pollution contaminated site drainage	£5000		Legal £300
97/19	L/S	Nuneaton	19.1.98	Transorganics	10.5.97	Bedworth Slough Brook	1	Section 85(1) WRA Causing pollution brewery waste	£3000		Legal £575 FD £4,200 Pol Con £656.54 AN £63.25
97/20	U/T	Warley	19.2.98	Droicon Plc	30.7.97	Trib of Oldbury Tame	2	Section 85(1) WRA Causing pollution Crude sewerage	£2,000		Legal £375 ID £275 AN £75
97/21	U/S	Worcester	2.3.98	HP Foods t/a Lea & Perrins	16.7.97	Springs Brook	2	Section 85(1) WRA Causing pollution Trade effluent from food manufacturer	£10,000		Legal £350 ID £170 AN £100

Table 5.4 Pollution Prosecutions 1997 (cont.)

Incident Number	Area	Court	Hearing Date	Defendant	Incident Date	Site	Category	Nature of Offence	Fine	Fine Details	Costs
97/22	L/T	Leicester	16.3.98	C W S Agriculture	19.7.97	Burton Brook	2	Section 85(1) WRA Causing pollution Farm effluent	£1,500		Legal £450 ID £180
97/23	U/T	Oldbury	16.3.98	Tube Products	23.7.97	Tat Bank Brook to Titford Canal	2	Section 85(1) WRA Causing pollution cutting oil	£1000		Legal £250 ID £250

6. EC Directives Reporting 1997

Sampling and reporting on four EC Directives was carried out in 1997; Dangerous Substances 76/464/EEC, Freshwater Fisheries 78/659/EEC and Surface Water Abstraction 75/440/EEC and 79/869/EEC. The requirements of these Directives have been translated into UK legislation in the following Regulations and Directions:

Table 6.1 Summary of Directives and Associated Regulations and Directions

Directive	Regulations and Directions
76/464/EEC	• DOE Circular 7/89. • The Surface Waters (Dangerous Substances) (Classification) Regulations 1989, SI No 2286, DS1 and DS2 (List I). • The Discharge of Dangerous Substances Direction 1989. • The Surface Waters (Dangerous Substances) (Classification) Regulations 1991, SI No 337, DS3 (List I). • The Discharge of Dangerous Substances Direction 1991. • The Surface Waters (Dangerous Substances) (Classification) Regulations 1997, SI No 2560, DS4 and DS5 (List II). • The Surface Waters (Dangerous Substances) (Classification) Regulations 1998, SI No 389, DS6 and DS7 (List II).
78/659/EEC	• The Surface Waters (Fishlife) (Classification) Regulations 1997, SI No 1331. • The Surface Waters (Fishlife) Directions 1997.
75/440/EEC 79/869/EEC	• The Surface Waters (Abstraction for Drinking Water) (Classification) Regulations 1996, SI No 3001. • The Surface Waters (abstraction for Drinking Water) Directions 1996.

The standards which apply in each of the Regulations and Directions are detailed in the Appendix.

The following tables give information on non-compliances for the various Directives and reasons for these non-compliances, where these are known.

Table 6.2 EC Directives Non-Compliance 1997 – Dangerous Substances, List 1

Watercourse	Site	Sample point	Substance	EQS (µg/l)	Mean (µg/l)	Reason
River Severn	Shelton	00055140	Cadmium	1 (B)	4.026	Intensive investigational work carried out in 1997 confirmed an earlier suspicion that there was a discrepancy between samples taken on the bankside and those from mid-river. It has been found that high levels of cadmium are associated with the headwall structure i.e. cadmium in piping or the breakdown of plastic debris collected on the bankside near the sampling point. Investigations are being carried out to find a more suitable sampling point.

EQS expressed as the annual average.

(B) Background site. See note below.

Each discharge of a List I Substance has a downstream monitoring point which is used to assess the effect of the discharge on river water quality. A discharge must also have a background monitoring site far enough downstream to reflect the overall effect on the catchment. The EQS value for some substances is lower for a background site than for a downstream site.

Table 6.3 EC Directives Non-Compliance 1997 - Dangerous Substances, List II

Watercourse	Site	Sample Point Code	Substance	EQS µg/l	Mean µg/l	Max µg/l	Reason
River Severn	Cil Gwrgan Bridge, Aberbechan	00065870	Copper Zinc	1 8	2.76 28.18	5.28 120	High levels of copper and zinc are related to old mine water contamination (high level of metals) & acidification (very low hardness). Work has already been carried out e.g. wetland installed for water treatment at Van Lead mine, with further work planned.
Sugar Brook	Avon Croft Bridge	22686160	Copper	10	17.22	24.5	Very marginal change in mean hardness in 1997 as compared to 1996 (from 252 to 248 mg/l) means that the 1997 hardness is just in the band below. Metals levels in the Sugar Brook have not significantly increased. For information, limits on Bromsgrove, Fringe Green STW may be tightened under AMP3.
River Stour	Stourport	23314180	Cyfluthrin	0.001		0.06	Unknown. One-off failure which was not reflected in a sample of final effluent from Kidderminster STW taken on the same day. Investigations are continuing as to the source of both cyfluthrin and permethrin, which was detected in 1996. A six-monthly report is being produced.

Table 6.3 EC Directives Non-Compliance 1997 - Dangerous Substances, List II (cont.)

Watercourse	Site	Sample Point Code	Substance	EQS µg/l	Mean µg/l	Max µg/l	Reason
Minsterley Brook	Minsterley	29577380	Zinc	250	785.29	1030	This is an historic mining area. Large land reclamation scheme to reduce surface water contamination at Snailbeach. The brook is still being polluted by contaminated groundwater discharging from mine adits. Subject to funding, further work is planned in the area. This may not, however, tackle groundwater problems.
Cerist	Van Roadbridge	35287640	Zinc	75	1788.31	3420	Mine water contamination. Wetland installed for water treatment. Further development of this facility may be possible.
River Tame, Wolverhampton	Bescott US Ford Brook	59022250	Copper	28	34.26	42.9	Failure of copper and nickel is due to seepage from a contaminated land site at Bentley Mill Lane.
			Nickel	200	267.67	393	
Spital Brook	Hawthorn Way	73946190	Zinc	250	461.92	1060	The consent for discharges into the Spital Brook from a very large industrial site is being reviewed. A review of the downstream sampling point is also ongoing.
			Copper	10	15.06	35.3	
Chemical Arm Canal	Footbridge rear of Paper Product	81401250	Copper	10	14.16	19.9	Cause of pH, copper and zinc failure is unknown and investigations are to be undertaken.
			pH	6-9	-	9.5	
			Zinc	250	255.6	524	

Table 6.3 EC Directives Non-Compliance 1997 - Dangerous Substances, List II (cont.)

Watercourse	Site	Sample Point Code	Substance	EQS µg/l	Mean µg/l	Max µg/l	Reason
Ford Brook	DS Potters Clay and Coal Co.	65796330	pH	6-9	-	9.3	Failure is probably caused by runoff from an industrial site upstream. The area is being landscaped to reduce runoff so this should not be a problem in future years.
River Tame	DS Minworth STW	59009850	Copper	10	11.34	14.3	Due to leachate from two contaminated sites upstream (Bentley Mill Lane and Slacky Lane). A long-term remediation strategy has been developed which is aiming to reduce the leachate from the two sites.
River Tame	D/S Coleshill STW	59010410	Copper	10	10.23	14	As above.
Rough Brook	Rushall	65901050	Nickel	200	319.6	350	Due to leachate from Slacky Lane. Action as above.
Sneyd Brook	To Canal Anson Bridge 66133950	66133950	Iron	1000	1043.15	1810	Leachate from three tips - Alumwell, Beat Waste and Bentley Mill Lane. Survey being carried out.
Pendeford Brook	Oxley Moor	73852550	Zinc	500	693.97	7536	Pollution Incident. Leak from equipment at a factory upstream of Anson Bridge. The equipment has been repaired and improved to prevent any further leaks.

Table 6.3 EC Directives Non-Compliance 1997 - Dangerous Substances, List II (cont.)

Watercourse	Site	Sample Point Code	Substance	EQS µg/l	Mean µg/l	Max µg/l	Reason
Claylands Dyke	Confluence with River Ryton	38924000	Zinc	500	508.58	955	Problem due to a Galvanising factory discharging contaminated surface water to the surface water sewer due to bad housekeeping. Visits have been made to improve housekeeping, and attempts are being made to divert the surface water to the foul sewer; however, because of its current volume limit, the sewer cannot accept further trade effluent discharges. Problem still being addressed.
Queniborough Brook	Wreake Confluence	47588050	Copper	28	45.39	165	Copper failure due to a discharge from Queniborough East STW. This works has now closed and the sewage diverted to Wanlip STW. Monitoring to continue for 2yrs, but no future problems expected.
Barnsfield Brook	Middleport	78482070	pH	6-9	-	9.5	Reason for failure is unknown and will be investigated by a field team.

EQS for metals expressed as annual average.
EQS for cyfluthrin expressed as 95 percentile.
EQS for pH expressed as a range into which 95 per cent of samples should fall.

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish

Watercourse	Site / Sample Point Code	Substance	EQS mg/l	Fish Class	Max/ Min mg/l[1]	Reason
River Leadon	New Mills 02851740	DO	>6	S	5.4	Eutrophication and low flows giving lack of aeration. Also problems with oil container bunding on nearby site which has now been repaired. The River Leadon has been proposed as a SA(E) and a decision is awaited from DETR.
River Avon	D/S Tewkesbury STW 04766040	Total ammonia Un-ionised ammonia	<0.78 <0.025	C	1.21 0.059	No history of failures. No ammonia limit at upstream STW at present, and ammonia concentrations in STW effluent are high. The high ammonia in effluent and complex flow regimes upstream maybe causing failure. Situation to be investigated further. Consent for STW being reviewed under AMP2.
Carrant Brook	Tewkesbury 05348020	DO	>4	C	3.95	This is a new failure under the Fisheries Directive, although the Carrant Brook has had problems with low DOs in the past. The Brook suffers from urban run-off, low flows and eutrophication. Continuous monitoring over summer to try and establish cause of problem.
Bow Brook	Defford Bridge 06109220	Total ammonia DO	<0.78 >4	C C	2.09 2.2	The site also failed last year for dissolved oxygen. The Bow Brook at this point is slow flowing due to abstraction for irrigation and suffers from excess weed growth and eutrophication. The problems are made worse by the influence of Pershore STW. The site has not failed for ammonia before and the high results coincide with high ammonia in the effluent from Pershore STW. The discharge has been proposed for improvement under AMP3, and the STW is to be renewed in the near future. The issue of low flows in the Bow Brook has been included in the Warwickshire Avon LEAP.

[1] Figure given is a maximum for Total Ammonia, Un-ionised Ammonia and pH, and a minimum for dissolved oxygen.

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish (cont.)

Watercourse	Site / Sample Point Code	Substance	EQS mg/l	Fish Class	Max/ Min mg/l	Reason
Piddle Brook	Seaford 06611280	DO	>6	S	5.4	No historical failures, and no obvious reason for failure. Brook does suffer from low flows which may have contributed to failure. Situation to be kept under review.
River Stour	Honington Bridge 09566780	DO	>6	S	4.26	This stretch of the River Stour is very slow moving and is affected by algae. Shipston STW discharges just upstream of the site and may also have an impact. The Works has recently been improved and extensive reed beds installed. New Ammonia limit set – under appeal by STWL.
River Dene	Walton Ford 10324400	DO	>4	C	3.42	Eutrophication. Algal bloom upstream in Walton Hall Lake, with consequent biodegradation causing a lowering of DO concentration in River Dene. Situation to be kept under review.
River Leam	Princes Drive 10927160	DO	>4	C	3.47	No historic problems at site but does suffer from low flows and algal activity. Automatic monitoring to be carried out.
Leigh Brook	Colwall Mill Farm 14140260	DO	>6	S	5.7	Failure downstream of Colwall STW – works have been put forward for AMP3 improvements. Problem exacerbated by low flows in river.
River Tern	Atcham 26944180	Total ammonia	<0.78	C	1.0	Related to ammonia failures at Rushmoor STW. Work planned under AMP2 i.e. before year 2000. This will involve tightening of the ammonia standard at the works.

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish (cont.)

Watercourse	Site / Sample Point Code	Substance	EQS Mg/l	Fish Class	Max/ Min mg/l	Reason
River Roden	Spendford Bridge 27047320	Total ammonia	< 0.78	C	0.86	Related to farm pollutions (marginal breaches). Not repeated (so far) in 1998.
River Meese	Stanford Bridge 28432380	DO	>4	C	2.96	Algal blooms from Aqualete Mere
River Meese	Skew Bridge 28433600	pH	6-9	C	9.5	Algal blooms from Aqualete Mere
Vyrnwy conf-dam	Below dam 30663970	pH	6-9	C	7.4	Acidification
River Trent	Dunham 36701570	Total ammonia	<0.78	C	1.48	Combination of upstream quality & weather conditions. Raised as an issue in Lower Trent/Erewash LEAP, and Tame LEAP. Remediation underway u/s to resolve problem.
River Trent	Winthorpe Bridge 36731860	Total ammonia	< 0.78	C	1.33	Elevated ammonia levels correspond to high levels at R. Trent Gunthorpe and R. Trent Nottingham. May be linked to same problem and unusual weather.
River Trent	Gunthorpe 36735800	Total ammonia	< 0.78	C	1.68	Following use of urea as a de-icing agent upstream in the conurbation of Birmingham. Raised as an issue in West Midlands Tame LEAP and to be raised in Lower Trent Erewash LEAP

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish (cont.)

Watercourse	Site / Sample Point Code	Substance	EQS Mg/l	Fish Class	Max/ Min mg/l	Reason
River Trent	Nottingham 36741880	Total ammonia	<0.78	C	1.49	Following use of urea as a de-icing agent upstream in the conurbation of Birmingham. Raised as an issue in West Midlands Tame LEAP and to be raised in Lower Trent Erewash LEAP.
Three Rivers	Keadby pumping station 37107000	Total ammonia	<0.78	C	2.57	Due to natural land drainage and Armthorpe STW. Works' discharge quality to improve during AMP2.
River Torne	Hirst Priory 37420400	Total ammonia	< 0.78	C	2.27	Due to natural land drainage and Armthorpe STW. Works' discharge quality to improve during AMP2.
Laughton Drain	Laughton 38263020	DO	>4	C	3.8	Possibly due to weather conditions. Queried with laboratory.
River Idle	Misterton 38471380	pH	6-9	C	9.3	Eutrophication/algal problems – SA(E) proposal.
River Idle	Chainbridge 38475950	Total ammonia	< 0.78	C	0.97	Storm events & Retford STW. Improvements proposed in AMP3.
River Ryton	Scrooby 38638380	DO	>4	C	1.4	Suspect input error for DO concentration. Queried with lab and awaiting response.
River Ryton	Red Bridge Hodsock 38639580	Total ammonia	< 0.78	C	1.96	Worksop and Dinnington STW effluent quality deteriorated. Works still within consent. Raised for AMP3 investment
River Ryton	Ranby 38639980	Total ammonia	< 0.78	C	1.63	Worksop and Dinnington STW effluent quality deteriorated. Works still within consent. Raised for AMP3 investment

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish (cont.)

Watercourse	Site / Sample Point Code	Substance	EQS mg/l	Fish Class	Max/ Min mg/l	Reason
River Poulter	Elkesley 39322060	DO	>4	C	2.6	Algal breakdown/growth at sample point below Clumber Lake which suffers from algal blooms.
River Poulter	Normanton Bridge 39322780	pH	6-9	C	9.4	Algal blooms cause large pH fluctuations. Eutrophication issue in lake.
Millwood Brook	Exit Welbeck Great Lake 39369000	pH	6-9	C	10	Algae - eutrophic downstream of Welbeck Great Lake. No qualifying discharges. No action proposed. Situation kept under review.
River Meden	Thoresby 39480520	pH	6-9	C	9.1	D/S of sewage works inputs which cause eutrophication. Tightening of Warsop STW consent. Proposed as UWWTD (SA) – phosphate removal at designated works may follow & therefore reduce algae.
Causeway Dyke	Confluence 43824020	DO	>4	C	3.7	Problem caused by high temperatures and low flow
River Devon	Hawton 42167850	DO	>4	C	3.8	Large input of water containing sulphate from gypsum works into the Middle Beck. This feeds into the River Devon near Hawton and could be the cause of the problem. Monitoring to continue.
River Leen	Newstead Abbey 44510300	Total ammonia	<0.78	C	0.94	Reason unknown. Investigation underway.

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish (cont.)

Watercourse	Site / Sample Point Code	Substance	EQS mg/l	Fish Class	Max/ Min mg/l	Reason
Fairham Brook	Wilford 44922100	Total ammonia	< 0.78	C	1.01	Very marginal failure probably caused by discharge from 10 SWS at Clifton (urban area near Nottingham) following substantial dry period. No action plan. Situation under review.
Kingston Brook	West Leake 46388580	Total ammonia	< 0.78	C	2.76	Inadequate sewerage system – improvements underway.
River Derwent	Wilne 49690300	Un-ionized ammonia	<0.025	C	0.081	D/S of Derby STW, industrial discharge & Derby southern SWS which all impact on quality. Derby STW improvements requested in UPM study on Derby - improve quality of SWS discharge. Consent of STW to be reviewed after investment.
River Derwent	Courtaulds Bridge Old Intake 49694100	Total ammonia	< 0.78	C	1.56	Elevated total ammonia levels associated with Derby STW discharge. Improvements highlighted for this works under AMP3.
R Wye	Ashwood Quarry 51705550	Total ammonia	< 0.78	S	1.47	Linked to weather and Buxton STW. Improvements proposed under AMP3.
Bentley Brook	Mayfield 57202050	Total ammonia	< 0.78	C	1.11	Ammonia failures coincide with high ammonia concentrations from Ashbourne STW. Ashbourne is on AMP3.

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish (cont.)

Watercourse	Site / Sample Point Code	Substance	EQS mg/l	Fish Class	Max/ Min mg/l	Reason
River Blythe	Packington Ford Footbridge 61643350	Total ammonia	<0.78	C	1.15	Failure in January due to exceptionally cold weather causing nitrification problems in upstream STW at Barston. This, combined with low flows giving little dilution, resulted in plug of ammonia travelling downstream. Severn Trent Water has been informed of the situation.
Chesterfield Canal	Walkeringham 79392580	pH	6-9	C	9.7	Eutrophication – Algae. Raised as UWWTD (SA)
Grand Union Canal	Lapworth 79560580	pH	6-9	C	9.3	Slow flowing canal. Algal blooms during warmer summer months. No action proposed.
Wyrley and Essington Canal	Slackey Lane Goscote 80533580	DO	>4	C	3.5	During September the canal was covered over several km by a blanket of floating weed. This has occurred regularly and resulted in the low dissolved oxygen. Discussions with British Waterways have resulted in a review of their weed removal policy.
Wyrley and Essington Canal	Willenhall Lane Bloxwich 80534700	DO	>4	C	2.1	One failure due to discharge upstream from Squires, Lichfield Rd. Discharge caused by break in effluent drains allowing trade effluent into surface water system. Drains have been repaired.
Worcester/ B'ham Canal	Diglis 81569020	DO	>4	C	3.4	Algae problems in canal exacerbated by high temperatures and high canal traffic disturbing sludge on bottom of canal.

Table 6.4 EC Directives Non-Compliance 1997 – Freshwater Fish (cont.)

Watercourse	Site / Sample Point Code	Substance	EQS mg/l	Fish Class	Max/ Min mg/l	Reason
Shropshire Union canal	Market Drayton A53 bridge 82225800	Total ammonia	<0.78	C	1.76	One-off pollution incident in February. Source not found.
Montgomery canal	Parsons Bridge 82482560	DO	>4	C	1.18	Algae/plant growth monitors installed to assess summer DO levels. New stretch of canal recently opened which has improved DO levels.
Trent and Mersey Canal	Little Haywood 82798190	pH	6-9	C	9.1	Eutrophic. No known polluting inputs – diffuse source – mainly Agricultural. High pH corresponds with warm weather – algal Growth. No action proposed. Routine monitoring to be continued.

95 per cent of all samples should pass the EQS (1 failure in 12 is allowed)
Total ammonia = ammonia as N. Directive value = 1 mg/l as NH4 or 0.78 mg/l as N. Derogation allowed for Midland Region = 2 mg/l as NH4 or 1.55 mg/l as N providing that evidence of healthy fish stocks can be given.

C = cyprinid fishery. S = salmonid fishery.

Table 6.5 EC Directives Non-Compliance 1997 – Surface Water Abstraction

Watercourse	Site	Sample point code	Substance	Max Limit	Max Recorded	Reason
River Leam	Campion Hills	10928080	Nitrate	11.3 mg/l	15.8 mg/l	Heavy rainfall in winter causing land runoff and leaching. NVZ designated in catchment (a)
River Avon	Brownsover	04803760	Nitrate	11.3 mg/l	15.3 mg/l	Failure in winter. Rural catchment – cause likely to be agricultural runoff and leaching. Upstream river data also show nitrate failures, mostly in winter.
Lake Vyrnwy Reservoir	Llanforda	30697170	Phenols	1.0 µg/l	1.2 µg/l	Investigation as to whether failure related to peaty soils has proved inconclusive. Further investigation and monitoring planned – report at end of 1998.
			Colour	20 mg Pt/l	40.8 mg Pt/l	Natural coloration from upland peaty soil. Waiver to be applied for.
Dowdeswell	Raw Water Main	04468980	Phenols	1.0 mg/l	1.7 mg/l	Site upstream is rural. No obvious reason for failure. Site due to close shortly.
River Derwent	Little Eaton	49698850	PAH	200 µg/l	495 µg/l	Road wash-off during heavy rain. No pollution incident. No further action to be taken.
Derwent Reservoir	DWD sample point	49714220	Colour	20 mg Pt/l	112.2 mg Pt/l	Peat Moorlands – natural contamination. No action planned.
Howden Reservoir	DWD sample point.	49714900	Colour	20 mg Pt/l	110.5 mg Pt/l	Peat Moorlands – natural contamination. No action planned.

(a) Part of the Leam Catchment has been designated as a Nitrate Vulnerable Zone (NVZ) under the EC Nitrate Directive. Restrictions on the agricultural activities will be imposed due to nitrate leaching.

7. Data Table

The following Data Table summarises details of each stretch in the region and the results of the monitoring programme for 1997. The stretches in the table are arranged in stretchcode order, starting with the River Trent and all its tributaries from the bottom to the top of the catchment, then following the same pattern for the River Severn. At the end of the report there is an alphabetical index of all the watercourses in the region and their page number in the Data Table, for ease of reference.

The Data Table is structured as shown in the following table; details of the information contained in each column are given below.

Water-course	Stretch Details	Chem GQA 1990	Chem GQA 1997	Biol GQA 1997	RQO	Comp RQO	Fish Des	BOD ATU (mg/l)	NH3 Tot (mg/l)	DO % sat
Name of watercourse	stretch name u/s NGR d/s NGR length chemsite chem NGR chemcode	Grade A to F	Grade A to F	Grade A to F	RE1 to RE5	C, M or S	C, S or -	Mean s dev %ile n	Mean s dev %ile n	Mean S dev %ile n

Watercourse and stretch details

The watercourse column gives the name of the watercourse. Under stretch details, information about both the stretch and the chemical site used to represent the stretch are given. The stretch information given is the stretch name, its upstream and downstream grid references and its length. The information given about the chemical site is its name, its grid reference and its chemcode (also known as QUIScode).

General Quality Assessment

Chemistry (Chem) GQA grades for 1988-1990 and 1995-1997 are given. Sites are Graded A-F, as described in Appendix 8.1. O indicates that the stretch was unclassified. 'Up' or 'Down' in the Chem GQA 1997 column indicates that there is a 95% or greater confidence of a change of grade for the stretch when compared with the grade in 1990.

Biology (Biol) GQA grades for 1997 are also listed, again as Grades A-F. Both strict and operational grades are listed (as defined in Appendix 8.2), with strict grades being represented by uppercase letters and operational grades by lowercase. Where insufficient samples were taken using the GQA protocol, this column has been left blank.

River Quality Objective

The RQO for each stretch is given in terms of the River Ecosystem Classification (RE1-RE5). Compliance with this objective is shown using the following letters: C=compliant, M=marginal failure and S=significant failure.

Freshwater Fish Directive designations

Stretches designated as salmonid (S) or cyprinid (C) fisheries under the EC Freshwater Fish Directive are listed. Stretches which are not designated are represented by a dash.

Key Stats

For each determinand, the mean, standard deviation, the relevant percentile and number of samples are given (represented in the "Key Stats" column by m, sd, %ile and n). The percentiles are BOD 90th, total ammonia 90th and Dissolved oxygen 10th.

A key to abbreviations is given below.

BOD ATU	5 day biochemical oxygen demand (nitrification inhibited) mg/l
NH3 N	Total ammonia as N mg/l
DO % SAT	Dissolved oxygen percent saturation

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TRENT R	KNYPERSLEY RES TO TRIB FROM DUKE BANK SJ8954 5475 to SJ9012 5131 4 Km at NORTON GREEN SJ900 522 36791880	C	C	b	RE2	S	C	m sd %ile n	2 73 3.06 5.77 35	0 19 0 19 0.39 36	89 13 11.49 74 4 31
TRENT R	TRIB FROM DUKE BANK TO ABBEY HULTON SJ9012 5131 to SJ9031 4918 2.5 Km at ABBEY HULTON SJ903 492 36790580	B	D	c	RE3	C	-	m sd %ile n	1.72 0.94 2.91 35	0.2 0 25 0 43 36	87 4 23 24 57 62 35
TRENT R	ABBEY HULTON TO A50 RD BR HANLEY SJ9031 4918 to SJ8881 4625 4.5 Km at HANLEY TRENTMILL SJ892 457 36789400	D	D	e	RE3	M	-	m sd %ile n	2.94 4 03 6 46 34	0.16 0 27 0 36 35	93 47 19 4 68 61 34
TRENT R	A50 RD BR HANLEY TO CONF FOWLEA BK SJ8881 4625 to SJ8792 4468 2.5 Km at WHIELDON ROAD SJ880 449 36787480	C	C	f	RE3	C	-	m sd %ile n	2.37 1 36 4 08 40	0 15 0 12 0 29 40	102 5 22 39 73 77 39
TRENT R	CONF FOWLEA BK TO A34 RD BR HANFORD SJ8792 4468 to SJ8699 4270 2.8 Km at HANFORD SJ866 427 36786080	E	D	f	RE5	C	-	m sd %ile n	3 02 3 98 6 6 49	0 27 0 3 0 58 50	104 4 25 5 71 71 49
TRENT R	A34 RD BR HANFORD TO STRONGFORD STW SJ8699 4270 to SJ8680 3895 5 Km at STRONGFORD SJ872 392 36785080	E	C up	e	RE3	C	-	m sd %ile n	2 49 2.09 4 86 39	0 18 0 16 0 36 40	98 45 21 15 71 34 38
TRENT R	STRONGFORD STW TO TITTENSOR SJ8680 3895 to SJ8759 3783 2 Km at TITTENSOR SJ875 377 36784280	E	C up		RE4	C	-	m sd %ile n	3.05 2.27 5 72 101	0.22 0 32 0 49 102	87 99 14.92 68 67 90
TRENT R	TITTENSOR TO A34 RD BR STONE SJ8759 3783 to SJ8926 3408 7 Km at STONE SJ892 341 36782880	E	D		RE3	M	-	m sd %ile n	3.3 3.47 6 87 36	0.44 0 59 0.96 35	89.43 22 61.23 37
TRENT R	A34 RD BR STONE TO A518 RD BR WESTON SJ8926 3408 to SJ9688 2702 14 Km at WESTON SJ968 270 36777880	E	C		RE4	C	-	m sd %ile n	3 07 2 58 6 36	0 39 0 69 0.88 36	93.2 21.46 65 7 35
TRENT R	A518 RD BR WESTON TO CONF. R. SOW SJ9688 2702 to SJ9948 2250 6 Km at GREAT HAYWOOD SJ995 230 36776540	E	C up		RE4	C	-	m sd %ile n	2.58 1.86 4 8 38	0.3 0.38 0.64 38	93 17.68 70.34 38
TRENT R	CONF. R. SOW TO A51 RD BR BISHTON SJ9948 2250 to SK0205 2040 4 Km at COLWICH WOLSLEY SK020 204 36774000	D	C		RE3	M	C	m sd %ile n	2.51 1.39 4.26 37	0.22 0 27 0 47 37	91.19 24.28 60.08 37
TRENT R	A51 RD BR BISHTON TO CONF. R.BLITHE SK0205 2040 to SK1146 1758 11 Km at HANDSACRE HIGH BR SK092 167 36770430	C	C		RE3	C	C	m sd %ile n	2.43 1.22 3.98 41	0.21 0.27 0.46 41	94 05 23.59 63.82 42
TRENT R	CONF. R.BLITHE TO CONF. R TAME SK1146 1758 to SK1918 1488 18.2 Km at YOXALL BRIDGE SK131 177 36768280	C	C		RE3	C	C	m sd %ile n	2 45 1.25 4 04 71	0 14 0 16 0 29 72	97 36 23.11 67.75 85
TRENT R	CONF. R. TAME TO CONF. DARKLANDS BK SK1918 1488 to SK2407 2056 11 Km at WALTON ON TRENT SK214 182 36761800	D	D		RE3	M	-	m sd %ile n	3.37 3.35 6 92 43	0.53 0.64 1.13 43	84 72 17.58 62 2 51
TRENT R	CONF. DARKLANDS BK TO CLAYMILLS STW SK2407 2056 to SK2685 2551 7 Km at BURTON ON TRENT SK255 233 36756680	D	C	d	RE3	C	-	m sd %ile n	2.63 0.6 3 42 35	0.42 0.56 0.91 35	78.09 12.82 61.65 35
TRENT R	CLAYMILLS STW TO CONF. R. DOVE SK2685 2551 to SK2798 2607 1.5 Km at NEWTON SOLNEY SK280 260 36754350	O	C	c	RE3	C	-	m sd %ile n	2.76 0.76 3.76 35	0.4 0.51 0.86 35	86.14 10.53 72.64 35
TRENT R	CONF. R. DOVE TO CONF. HELL BK SK2798 2607 to SK3267 2851 6 Km at WILLINGTON SK296 279 36753920	D	C up	b	RE3	C	C	m sd %ile n	2.45 0.63 3 28 36	0.3 0.32 0.63 35	89 68 15.23 70.17 38
TRENT R	CONF. HELL BK TO CONF. R. DERWENT SK3267 2851 to SK4580 3080 22 Km at SWARKESTONE SK369 285 36751680	C	B	b	RE3	C	C	m sd %ile n	2.41 0.73 3.38 35	0.25 0.3 0.54 35	90.8 15 04 71.53 36

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TRENT R	CONF. R. DERWENT TO CONF R SOAR SK4580 3080 to SK4920 3080 4 Km at SAWLEY SK471 311 36748340	C	B	c	RE3	C	C	m sd %ile n	2.38 0.65 3.24 35	0.2 0.21 0.41 35	89.03 7.82 75 39
TRENT R	CONF. R. SOAR TO NOTTINGHAM STW SK4920 3080 to SK6480 4200 29.5 Km at NOTTINGHAM SK581 382 36741880	C	C	b	RE3	C	C	m sd %ile n	2.88 0.99 4.17 148	0.29 0.35 0.63 148	95.46 9.04 83.87 157
TRENT R	NOTTINGHAM STW TO A6097 GUNTHORPE BR SK5480 4200 to SK6810 4360 5 Km at GUNTHORPE SK681 436 36735800	D	C	b	RE3	C	C	m sd %ile n	2.91 1.14 4.39 166	0.39 0.32 0.75 167	94.68 9.51 82.5 164
TRENT R	A6097 GUNTHORPE BR TO A1 BR WINTHORPE SK5810 4360 to SK8050 5670 16.8 Km at WINTHORPE BRIDGE SK805 567 36731860	D	C	b	RE3	C	C	m sd %ile n	2.97 1.35 4.71 36	0.29 0.29 0.6 36	96.09 18.64 72.2 33
TRENT R	A1 BRIDGE WINTHORPE TO DUNHAM TOLL BR SK8050 5670 to SK8190 7440 23 Km at DUNHAM SK819 744 36701570	C	C		RE3	C	C	m sd %ile n	2.53 1.34 4.22 97	0.28 0.58 0.63 99	94.25 17.11 72.32 97
TRENT R	DUNHAM TOLL BRIDGE TO A631 GAINSBOROUGH SK8190 7440 to SK8150 8190 22 Km at GAINSBOROUGH (EBB SK815 891 36698778	D	B up		RE3	C	C	m sd %ile n	2.49 1.06 3.87 44	0.25 0.21 0.48 46	94.33 10.04 81.46 46
TRENT R	A631 GAINSBOROUGH TO KEADBY SK8150 8910 to SE8410 1070 26.1 Km at KEADBY (EBB TIDE) SE841 107 36693498	E	C		RE3	C	-	m sd %ile n	2.55 1.37 4.28 41	0.28 0.21 0.53 41	86.05 17.23 63.97 40
ALKBOROUGH BK	ALKBOROUGH STW TO CONF. R. TRENT SE878 222 to SE881 237 2 Km at THE FLATS SE883 232 36672050	O	F	e	RE4	S	-	m sd %ile n	7.06 6.75 14.33 24	1.25 1.45 2.66 24	109.5 80.27 6.62 24
ADLINGFLEET DRAIN	SAND HOUSE FM TO CONF. R. TRENT SE809 184 to SE859 219 6.5 Km at HOGGARD LANE BR SE845 220 36821020	F	E	e	RE4	S	-	m sd %ile n	1.89 1.55 3.65 33	1.21 1.41 2.57 33	102.5 18.87 78.35 32
BURTON STATHER DRAIN	CONF. TRIB TO BURTON STATHER STW SE875 153 to SE864 177 4 Km at FLIXBOROUGH GRANG SE862 157 36899024	C	C		RE4	C	-	m sd %ile n	2.48 1.91 4.71 32	0.11 0.08 0.2 32	103.2 18 80.15 32
BURTON STATHER DRAIN	BURTON STATHER STW TO CONF. R. TRENT SE864 177 to SE860 177 0.5 Km at CONFLUENCE SE862 178 36899020	F	D up	f	RE5	C	-	m sd %ile n	2.25 1.19 3.75 26	0.66 0.76 1.41 26	88.19 13.92 70.35 26
PAUPERS DRAIN	CROWLE STW OUTFALL TO CONF. R. TRENT SE766 126 to SE851 153 20 Km at AT LEAM HOUSE SE805 144 36951020	E	E	a	RE4	S	-	m sd %ile n	2.75 2.63 5.59 21	2.76 2.42 5.47 21	95.81 31.71 55.17 21
WARPING DRAIN (KEADBY)	TRACK BRIDGE TO CONF. R. TRENT SE785 124 to SE836 121 5 Km at AT KEADBY SE835 121 37081020	D	D	c	RE3	M	-	m sd %ile n	3.12 3.23 6.47 33	0.22 0.32 0.49 33	88.94 13.33 71.85 33
THREE RIVERS	PILFREY BRIDGE TO KEADBY PUMPING STATION SE808 099 to SE835 113 3 Km at AT KEADBY PUMPING S SE835 113 37107000	E	D		RE4	C	C	m sd %ile n	3.43 3.62 7.15 49	0.55 0.65 1.17 49	96.98 29.55 55.11 49
NORTH SOAK DRAIN	MEDGE HALL TO CONF. SOUTH SOAK DRAIN SE748 123 to SE827 114 8.2 Km at CROWLE STATION SE783 111 37118020	F	E up		RE5	C	-	m sd %ile n	3.14 2.57 6.08 36	2.02 2.48 4.36 36	78.44 25.1 46.28 36
SOUTH SOAK DRAIN	MOORS BRIDGE TO CONF THREE RIVERS SE701 123 to SE831 112 13.5 Km at CROWLE STATION SE783 109 37181400	E	E		RE4	S	-	m sd %ile n	7.24 5.46 13.65 36	0.12 0.17 0.27 36	98.25 21.75 70.38 36
SOUTH LEVEL ENGINE DRAIN	BULL HASSOCKS PUMP STN TO PILFREY BRIDGE SE732 017 to SE809 098 14.3 Km at HURST PRIORY SE782 097 37219200	E	E	c	RE4	M	-	m sd %ile n	3.04 4.12 6.68 37	0.49 0.67 1.08 37	99.86 44.84 42.4 37
NORTH LEVEL ENGINE DRAIN	WOODCARR PUMPING STN TO PILFREY BRIDGE SE750 098 to SE809 100 5.8 Km at HURST PRIORY SE783 106 37256600	E	D	b	RE5	C	-	m sd %ile n	1.46 1.14 2.78 36	1.1 1.43 2.39 36	98.6 33.16 56.11 35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
HATFIELD WASTE DRAIN	HATFIELD WOODHOUSE STW TO GOODCOP FARM SE685 082 to SE735 063 5.5 Km at GOODCOP FARM SE735 083 37267600	O	F	c	RE4	S	-	m sd %ile n	4 12 4 03 8 42 37	4 53 5 44 9 72 37	95 25 37 21 47.56 37
HATFIELD WASTE DRAIN	GOODCOP FARM TO PILFREY BRIDGE SE735 083 to SE808 099 9 5 Km at HURST PRIORY SE783 105 37267170	E	E	b	RE4	S	-	m sd %ile n	3 28 3 42 6 81 35	1.83 2.85 4 11 36	97.39 45 46 39 13 36
DIGGIN DYKE	CONF. VILLAGE DRAIN TO WATERTON PUMP STN SE649 045 to SE663 067 2 5 Km at HOLMEWOOD FARM SE662 052 37366500	F	F	e	RE4	S	-	m sd %ile n	4 13 2 35 7 08 36	17.79 12 01 32 34 35	75 36 26 56 41 32 36
WOODHOUSE SEWER	WATERTON PUMP ST TO HATFIELD STW SE663 067 to SE685 082 3 2 Km at CONF HATFIELD WAST SE684 082 37366020	F	F	e	RE4	S	-	m sd %ile n	5 26 4 92 10 61 36	8 93 7 73 17 6 36	79 55 29 46 41 81 36
FORES DRAIN	SANDALL BEAT WOOD TO CONF VILLAGE DRAIN SE617 034 to SE649 045 4 Km at AT NUTWELL SE633 031 37366859	D	C	e	RE4	C	-	m sd %ile n	2 55 2 03 4 89 26	0 46 0 52 0 97 26	86 79 19 37 61 97 29
TORNE R	STYRRUP LANE TO CONF HARWORTH DYKE SK594 903 to SK606 926 2.8 Km at AT LOW COMMON SK604 925 37423570	B	A		RE3	C	-	m sd %ile n	1 45 0 63 2 27 31	0 1 0 09 0 2 32	101 4 13 05 84 68 32
TORNE R	CONF. HARWORTH DYKE TO LITTLE BLACK LANE SK606 926 to SK608 937 1.1 Km at GOOLE BR TICKHILL SK606 932 37423200	E	D		RE4	C	-	m sd %ile n	2.08 0 75 3 07 36	1 11 1 47 2 43 36	103 3 21.87 75.22 36
TORNE R	LITTLE BLACK LANE TO CONF. WADWORTH CARR SK608 937 to SK597 974 4 8 Km at WADWORTH CARR SK597 974 37422780	E	C		RE4	C	-	m sd %ile n	2.1 0 91 3 28 36	0.37 0 59 0 83 36	108.9 33 05 66.5 36
TORNE R	WADWORTH CARR TO ROSSINGTON A638 BR SK597 974 to SK628 996 4.9 Km at ROSSINGTON BR SK628 996 37421950	D	C		RE4	C	-	m sd %ile n	1.73 0.72 2.66 36	0.34 0 36 0.72 36	90 94 20.19 65.06 35
TORNE R	ROSSINGTON A638 BR TO B1396 BR AUCKLEY SK628 996 to SE646 012 2.5 Km at AUCKLEY SK648 012 37421800	C	B		RE3	C	C	m sd %ile n	1.7 0 59 2.48 37	0.29 0.26 0.57 37	90 38 12.61 74.21 37
TORNE R	B1396 RD BR AUCKLEY TO PILFREY BRIDGE SE646 012 to SE808 099 20.8 Km at AT HIRST PRIORY SK781 098 37420400	C	C		RE3	C	C	m sd %ile n	2.14 1.45 3 9 35	0.47 0.67 1.04 36	101.5 31.82 60.67 35
MOTHER DRAIN	BALBY STW TO POTTERIC PUMPING STATION SE572 015 to SE596 003 2.9 Km at AT BALBY CARR SE591 006 37499950	D	C		RE5	C	-	m sd %ile n	2 42 1 51 4 29 36	0.5 1 25 1 13 36	86 79 20.55 60 45 38
MOTHER DRAIN	POTTERIC PUMPING STN TO CONF. R TORNE SE596 003 to SE637 003 4.2 Km at ROSSINGTON BR SK628 996 37499200	C	C		RE4	C	-	m sd %ile n	2.15 1.32 3.78 34	0 25 0 42 0.57 35	106 0 31.7 65 41 34
SALTER SIKE	WADWORTH STW TO ST. CATHERINE'S WELL STR SK574 978 to SK581 980 1 Km at OS WADWORTH WRW SK581 981 37525190	O	F		RE5	M	-	m sd %ile n	10 46 7.11 19.06 24	2.99 2.13 5.54 24	80.91 17.47 58.52 23
ST CATHERINE'S WELL STM	ALVERLEY GRANGE RD BR TO CONF. R. TORNE SK555 995 to SK599 982 5 Km at AT MILL BRIDGE SK573 985 37525265	E	B up		RE4	C	-	m sd %ile n	2.03 0 63 2.86 36	0.14 0.15 0.29 35	95 12.19 79.37 34
RUDDLE (PAPER MILL DYKE)	B6427 BR BRAITHWELL TO CONF. R. TORNE SK535 936 to SK598 920 10 5 Km at AT TICKHILL SK588 928 37556400	B	B		RE2	C	-	m sd %ile n	1.47 0.83 2 52 35	0.07 0.05 0.14 35	102.0 12.32 86.24 35
FOLLY DRAIN	EPWORTH ROAD TO CONF. R. TRENT SE759 064 to SE831 089 10 Km at HURST PRIORY SE782 097 37585200	O	E	b	-	-	-	m sd %ile n	1.91 1.13 3 32 27	0.21 0 4 0 48 27	83 67 32 68 41.78 27
WARPING DRAIN(BURRINGHAM)	NORTH GRANGE FM BR TO CONF. R TRENT SE850 084 to SE832 087 2 Km at BURRINGHAM SE832 087 37609020	E	E	a	-	-	-	m sd %ile n	3 64 6 5 8 26 32	1.6 1.47 3.21 32	95.19 28 63 58.51 32

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
BOTTESFORD BECK	BR CULVERT EXIT TO BLACK HEAD PONDS BK SE921 121 to SE925 078 4.5 Km at EMMANUEL BR, BRIGG SE924 083 37645580	E	E	e	RE5	C	-	m sd %ile n	4.85 9.86 11.03 40	3.03 1.59 5.05 40	85.14 15.74 64.97 42
BOTTESFORD BECK	BLACK HEAD PONDS BK TO PLANTATION BK SE925 078 to SE900 065 3 Km at AT HOLME BR SE903 072 37644930	O	E	e	RE5	C	-	m sd %ile n	2.72 1.91 5.01 37	1.8 1.22 3.28 37	80.94 20.97 54.07 36
BOTTESFORD BECK	CONF. PLANTATION BK TO SCUNTHORPE STW SE900 065 to SE871 060 2.8 Km at AT BOTTESFORD MILL SE877 060 37644380	E	E	d	RE5	C	-	m sd %ile n	2.69 2.46 5.39 37	0.89 1.13 1.93 37	97.78 38.18 48.85 37
BOTTESFORD BECK	SCUNTHORPE STW TO CONF. R. TRENT SE871 060 to SE838 061 3.1 Km at AT SNAKE PLANTATION SE868 059 37644330	F	F	e	RE5	M	-	m sd %ile n	5.49 1.83 7.9 46	5.63 5.04 11.21 45	90.59 28.74 53.75 46
HOLME PLANTATION BK	HOLME PLANTATION TO BOTTESFORD BECK SE911 054 to SE900 065 1 Km at AT HOLME PLANTATIO SE911 055 37683200	E	B up	f	RE4	C	-	m sd %ile n	1.36 1.26 2.74 27	0.08 0.04 0.13 27	88.67 7.34 79.27 27
BRUMBY BECK	SCUNTHORPE WORKS TO B STEEL OUTLET SE920 103 to SE917 095 1.5 Km at US BSC OUTLET 16 SE917 095 37737180	F	E up	f	RE5	C	-	m sd %ile n	3.88 4.75 8.37 37	0.64 1.44 1.45 36	89.53 18.98 65.21 36
BRUMBY BECK	B. STEEL OUTLET TO BOTTESFORD BECK SE917 095 to SE924 084 1.5 Km at BRIGG RD CONF. BRU SE924 084 37737020	E	E		RE5	C	-	m sd %ile n	3.16 1.55 5.14 36	5.15 2.87 8.76 36	76.83 12.5 60.81 35
EAU R	WILLOUGHTON BECK TO NORTHORPE BECK SK906 960 to SK903 982 2.8 Km at NORTHORPE STN SK906 966 37849950	C	C	b	RE4	C	-	m sd %ile n	2.38 2.84 5.1 32	0.47 2.33 0.92 32	107.1 36.47 60.36 32
EAU R	CONF. NORTHORPE BECK TO RD BR SCOTTON SK903 982 to SK895 996 2.9 Km at SCOTTON SK895 996 37849100	B	B	d	RE4	C	-	m sd %ile n	1.85 0.63 2.67 32	0.09 0.09 0.18 32	117.1 29.2 79.63 32
EAU R	MINOR RD BR SCOTTON TO CONF. R. TRENT SK895 996 to SE838 033. 4.7 Km at SCOTTER SE886 011 37848560	C	B	c	RE3	C	C	m sd %ile n	2.03 0.68 3.17 36	0.18 0.14 0.35 36	106.2 27.75 70.63 36
TRIB. KIRTON LINDSEY	KIRTON LINDSEY STW TO CONF. R. EAU SK927 984 to SK906 992 2.6 Km at TRIB DS KIRTON WRW SK925 986 37917820	O	C	d	RE4	C	-	m sd %ile n	2.14 0.83 3.22 32	0.33 0.51 0.75 32	96.06 12.84 79.6 32
WILLOUGHTON BK	SOUTH OF WESTBECK LANE TO CONF. R EAU SK930 934 to SK906 960 4 Km at AT BLYBOROUGH SK920 943 38082200	O	C	e	RE3	M	-	m sd %ile n	1.66 0.68 2.54 32	0.31 0.66 0.72 32	94.97 14.27 76.67 32
LAUGHTON DRAIN	NORTHFIELD FARM RD BR TO CONF. R. TRENT SK856 926 to SE818 004 10 Km at AT LAUGHTON SK839 974 38263020	C	D	d	RE4	C	C	m sd %ile n	1.47 0.66 2.32 37	0.28 0.45 0.63 37	101.8 34.14 58.08 37
FERRY DRAIN	COVER ROAD JN. TO CONF. R. TRENT SE735 005 to SK813 994 9.5 Km at AT OWSTON FERRY SK799 990 38289020	E	E	c	RE4	S	-	m sd %ile n	2.71 2.07 5.13 30	1.56 1.45 3.15 32	73.59 38.29 24.53 32
WARPING DRAIN	ROAD BR AT NEWLANDS FM TO CONF. R TRENT SK704 984 to SK814 994 11.8 Km at AT OWSTON FERRY SK799 989 38315200	D	D	c	RE4	C	-	m sd %ile n	2.83 2.84 5.83 35	0.12 0.2 0.27 36	103.1 37.23 55.37 35
MAUN R	SUTTON WOODHOUSE TO U/L KINGSMILL RES SK486 583 to SK511 591 3 Km at INLET KINGS MILL RES. SK513 593 38485600	C	C	E	RE2	M	-	m sd %ile n	2.35 2.22 4.75 36	0.37 1.27 0.79 36	96.29 27.66 60.64 35
MAUN R	U/L KINGSMILL RES TO O/L KINGSMILL RES. SK511 591 to SK519 597 1 Km at OUTLET KINGS MILL R SK520 598 38485380	O	E		RE5	C	-	m sd %ile n	6.54 3.25 10.7 36	0.86 0.71 1.67 35	105.3 38.51 55.9 35
MAUN R	O/L KINGSMILL RES. TO MANSFIELD STW SK519 597 to SK548 625 4.6 Km at HERMITAGE LANE, MA SK524 598 38485180	E	E	F	RE4	S	-	m sd %ile n	5.74 2.37 8.82 35	0.69 0.55 1.32 36	93.95 6.97 85.02 35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
MAUN R	MANSFIELD STW TO FB. NR. WARREN FM SK548 625 to SK564 637 2.2 Km at WHINNEY HILL SK553 631 38482980	E	E	E	RE4	S	-	m sd %ile n	5.84 3.33 10.01 36	0.69 0.87 1.5 36	95.44 11.22 81.06 36
MAUN R	FB NR WARREN FM TO EDWINSTONE STW SK564 637 to SK640 669 9.4 Km at EDWINSTONE SK627 664 38481980	E	E	D	RE4	M	-	m sd %ile n	4.7 3.85 9.11 36	0.65 0.88 1.43 36	95.22 18.24 71.85 36
MAUN R	EDWINSTONE STW TO CONF.R MEDEN SK640 669 to SK659 720 8 Km at WHITEWATER SK663 702 38480380	E	E	D	RE3	S	-	m sd %ile n	4.99 3.52 9.21 45	0.54 0.73 1.18 45	111.6 27.18 76.77 43
MAUN R	CONF.R MEDEN TO CONF. BEVERCOTES BECK SK659 720 to SK702 731 6.4 Km at HAUGHTON SK680 728 38479980	D	C	C	RE3	C	-	m sd %ile n	3.29 1.82 5.58 35	0.21 0.23 0.44 35	92.6 9.05 81 35
MAUN R	CONF. BEVERCOTES BECK TO MARKHAM MOOR SK702 731 to SK713 743 3 Km at MARKHAM MOOR SK713 743 38478690	E	C	C	RE3	C	-	m sd %ile n	2.85 2.07 5.31 36	0.17 0.26 0.38 36	96.83 22.56 67.92 36
IDLE R	MARKHAM MOOR TO B6387 RD BR GAMSTON SK713 743 to SK708 763 4 Km at GAMSTON SK708 763 38477915	C	C	C	RE3	C	C	m sd %ile n	3.35 1.34 5.09 35	0.16 0.22 0.36 36	105.7 18.72 81.67 35
IDLE R	B6387 RD BR GAMSTON TO RETFORD SK708 763 to SK705 815 6 Km at RETFORD SK703 807 38477180	C	C		RE3	C	C	m sd %ile n	3.34 1.39 5.15 35	0.15 0.2 0.34 36	104.8 16.05 84.21 35
IDLE R	RETFORD TO CHAINBRIDGE RD SK705 815 to SK714 857 6.5 Km at CHAIN BRIDGE ROAD SK714 857 38475950	D	C	c	RE3	M	C	m sd %ile n	3.51 1.38 5.3 34	0.28 0.34 0.6 35	108.4 19.23 83.74 34
IDLE R	CHAINBRIDGE RD TO MATTERSEY THORPE STW SK714 857 to SK673 902 10 Km at MATTERSEY SK691 895 38474920	D	C	B	RE3	C	-	m sd %ile n	3.26 1.66 5.38 35	0.22 0.3 0.48 36	100.4 18.27 76.94 36
IDLE R	MATTERSEY THORPE STW TO IDLE PUMPING ST SK673 902 to SK719 963 15.8 Km at BAWTRY SK656 927 38473020	C	C	C	RE3	C	C	m sd %ile n	2.78 1.36 4.52 86	0.16 0.18 0.34 88	99.65 17.52 77.19 90
IDLE R	IDLE PUMPING ST TO CONF. R. TRENT SK719 963 to SK790 946 8 Km at MISTERTON SK766 962 38471380	C	C	C	RE2	S	C	m sd %ile n	3.15 1.88 5.49 47	0.2 0.23 0.42 47	103.2 33.54 60.22 48
RYTON R	FB AT PECK MILL BOTTOMS TO ANSTON BK SK517 822 to SK539 822 3 Km at ANSTON GRANGE FB. SK536 822 38979050	O	C	a	RE2	S	-	m sd %ile n	2.64 2.87 5.54 32	0.09 0.12 0.2 32	92.9 11.99 77.53 32
RYTON R	ANSTON BK TO FORD SHIREOAKS SK539 822 to SK555 806 3 Km at SHIREOAKS WATSON B SK555 807 38642360	C	B	a	RE2	C	-	m sd %ile n	2.1 1.27 3.67 35	0.15 0.22 0.33 36	97.58 9.13 85.88 36
RYTON R	FORD AT SHIREOAKS TO WORKSOP STW SK555 806 to SK609 788 7 Km at WORKSOP SK586 791 38641680	D	C	c	RE3	C	C	m sd %ile n	2.52 1.55 4.43 37	0.12 0.17 0.27 37	101.5 21.81 73.55 36
RYTON R	WORKSOP STW TO CHEQUER BR RANBY SK609 788 to SK645 816 5 Km at RANBY SK645 816 38639980	C	C	c	RE3	C	C	m sd %ile n	2.96 1.47 4.84 50	0.33 8.4 0.7 50	103.9 19.84 78.5 50
RYTON R	CHEQUER BR RANBY TO OLDCOTES DYKE SK645 816 to SK629 871 9 Km at HODSOCK RED BRIDG SK621 853 38639580	C	C	b	RE2	S	C	m sd %ile n	2.79 1.74 4.94 36	0.3 0.41 0.67 36	97.92 15.92 77.51 36
RYTON R	OLDCOTES DYKE TO CONF. R. IDLE SK629 871 to SK657 921 11 Km at SCROOBY SK649 915 38638380	C	C	b	RE2	S	C	m sd %ile n	2.83 2.36 5.52 36	0.22 0.3 0.49 35	94.31 25.07 62.18 36
ANSTON BK	RD BR AT HARDWICK TO CONF. CRAMFIT BK SK482 863 to SK504 851 3 Km at 86463 SK501 856 38644080	C	C	e	RE2	M	-	m sd %ile n	2.56 2.22 5.05 25	0.15 0.18 0.32 25	92.96 15.98 72.49 24

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
ANSTON BK	CONF. CRAMFIT BK TO CHURCH BRIDGE SK504 851 to SK519 841 2 Km at CHURCH BRIDGE SK519 841 38643380	E	D	d	RE4	C	-	m sd %ile n	3 1.09 4.43 36	0 6 0 92 1 34 36	86.83 15 66.33 36
ANSTON BK	CHURCH BRIDGE TO CONF. R RYTON SK519 841 to SK539 822 3 Km at LINDRICK DALE SK540 823 38642900	C	C	c	RE3	C	-	m sd %ile n	2 51 1.25 4 11 36	0 34 0 66 0 77 36	98 11 8 65 87 01 36
BROADBRIDGE DYKE	FB AT HARTSHILL TO US KIVETON PARK STW SK490 809 to SK492 821 1.1 Km at US KIVETON STW SK492 821 79440460	D	E		RE2	S	-	m sd %ile n	4 84 13 9 10 76 37	0 67 1.33 1 52 37	87.97 15 8 67 72 36
BROADBRIDGE DYKE	KIVETON PARK STW TO CHESTERFIELD CANAL SK492 821 to SK506 824 1 3 Km at TRACK BRIDGE, KIVET SK5051 8240 79440020	O	B		RE4	C	-	m sd %ile n	1.97 1 56 3 78 18	0 26 0 34 0 57 18	89 3 9 07 77 67 17
OLDCOTES DYKE	CONF MALTBY DYKE TO A60 RD BR OLDCOTES SK543 897 to SK588 884 5 Km at HERMESTON HALL SK587 884 38688580	C	C	c	RE3	C	C	m sd %ile n	3 2 0 9 4 39 37	0 19 0 2 0 4 37	97 53 7.94 87 35 36
OLDCOTES DYKE	A60 RD BR OLDCOTES TO CONF. R RYTON SK588 884 to SK629 871 5 Km at BLYTHE OLD BRIDGE SK614 875 38688150	D	C	d	RE3	C	-	m sd %ile n	3 11 1 47 4 99 38	0 12 0 14 0 25 38	99 86 21 73 72 02 36
MALTBY DYKE	(HELLABY BK) RAILWAY BR TO MALTBY STW SK510 922 to SK538 905 4 1 Km at CARR LANE SK537 906 38689260	C	B	d	RE2	C	-	m sd %ile n	1.9 2.06 3.99 36	0 16 0 13 0 3 37	93 11 8 76 81.88 36
MALTBY DYKE	MALTBY STW TO CONF. OLDCOTES DYKE SK538 905 to SK543 897 1 Km at BULLATREE HILL SK539 902 38689160	E	E	f	RE5	C	-	m sd %ile n	7.97 2.51 11.27 37	0 85 0 41 1.38 37	85.72 16 46 64 63 36
OWLANDS WOOD DYKE	TRACK BR WOODSETTS TO HOLME HOUSE FM BR SK561 837 to SK578 837 2 Km at CORN MILL FARM SK573 836 38702620	B	B	c	RE5	C	-	m sd %ile n	1.45 0.87 2.53 36	0.06 0.14 0.15 37	93.86 8.07 83.51 35
OWLANDS WOOD DYKE	HOLME HOUSE FM BR TO CONF. HODSOCK BK SK578 837 to SK610 866 5 7 Km at CARLTON IN LINDRICK SK593 845 38702007	O	C		RE4	C	-	m sd %ile n	2 88 1 89 5.18 36	0.07 0.07 0.14 36	90 66 17.58 68.12 35
OWLANDS WOOD DYKE	CONF HODSOCK BK TO CONF OLDCOTES DYKE SK597 864 to SK612 872 1.7 Km at BLYTH SK610 869 38701130	E	D		RE4	C	-	m sd %ile n	3.59 3.48 7.31 35	0.15 0.14 0.31 37	90 5 10 18 77.46 36
FIRBECK(LAMB LANE) DYKE	TRACK BR AT LETWELL TO OLDCOTES DYKE SK553 864 to SK571 887 2 9 Km at KID LANE FIRBECK SK563 883 38814195	O	A		RE2	C	-	m sd %ile n	1 26 0.62 2.06 33	0 04 0.02 0.07 34	102.2 10 91 88 23 33
HOOTON DYKE	RAIL BR THURCROFT TO OLDCOTES DYKE SK503 890 to SK543 897 4 Km at ROCHE ABBEY EXIT PO SK544 897 38836050	D	B up	e	RE3	C	-	m sd %ile n	2.34 0.91 3.53 32	0 15 0 1 0 28 33	100 4 13 45 83.13 32
CRAMFIT BK	DINNINGTON STW TO CONF. ANSTON BK SK515 857 to SK504 851 1.6 Km at CRAMFIT BRIDGE SK511 854 39012420	E	D	a	RE5	C	-	m sd %ile n	3.94 1.73 6.18 36	1.09 1.17 2.29 36	75 47 14.91 56.36 36
RANSKILL BK	A638 RD BR BARNBY MOOR TO RANSKILL SK674 837 to SK668 877 4 4 Km at DANESHILL RD SK666 868 39067750	C	C	c	RE2	M	-	m sd %ile n	2.02 1.16 3 46 31	0 33 0 6 0.74 33	108 6 23 67 78 22 32
RANSKILL BK	RANSKILL TO CONF. R. IDLE SK668 877 to SK659 909 3 7 Km at B6045 SK668 886 39067500	C	C	D	RE4	C	-	m sd %ile n	1.65 0 48 2.28 31	0 2 0.19 0.41 32	90.31 16 42 69.27 32
MILLWOOD BK	TRACK BR HAZELMERE FM TO CRESWELL STW SK513 751 to SK537 743 3 3 Km at HAZLEMERE ROAD SK519 752 39371130	C	D	c	RE2	S	-	m sd %ile n	3 27 2 07 5 81 34	0 7 1.08 1.51 35	93.58 8 75 82.36 33
MILLWOOD BK	CRESWELL STW TO nr WELBECK TOP LAKE SK537 743 to SK559 753 4 Km at SLOSWICKS FARM SK558 753 39369700	C	C		RE3	C	-	m sd %ile n	2 29 1.19 3.8 34	0.33 0 4 0.71 35	93 61 14 07 75 57 33

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
MILLWOOD BK	I/L WELBECK GREAT LAKE TO CONF. R. POULT SK559 753 to SK581 723 3.8 Km at EXIT WELBECK GT LAK SK582 724 39369000	E	E	f	RE3	S	C	m sd %ile n	5.2 2.7 8.62 36	0.1 0.13 0.21 36	107.1 28.12 71.08 36
WALLING BK	BROAD LN BR HODTHORPE TO MILLWOOD BK SK549 765 to SK556 759 1.1 Km at A60 BRIDGE SK552 763 39404200	C	C	d	RE2	M		m sd %ile n	1.15 1.01 2.28 31	0.1 0.13 0.22 31	85.96 15.9 65.59 30
POULTER R	FB AT SCARCLIFFE TO I/L LANGWITH LAKE SK499 683 to SK537 704 4.5 Km at NETHER LANGWITH SK530 704 39325070	C	C	a	RE2	C		m sd %ile n	0.97 0.43 1.53 35	0.02 0.01 0.04 35	92.35 18.57 68.55 34
POULTER R	I/L LANGWITH LAKE TO LANGWITH STW SK537 704 to SK544 702 1 Km at DS LANGWITH LODGE SK540 704 39324920	B	B		RE2	C		m sd %ile n	1.65 1.2 3.07 36	0.07 0.06 0.14 36	95.03 8.66 83.93 33
POULTER R	LANGWITH STW TO A616 RD BR CUCKNEY SK544 702 to SK561 711 1.5 Km at CUCKNEY SK561 711 39324570	B	C	c	RE2	C		m sd %ile n	1.56 0.73 2.5 36	0.06 0.08 0.14 36	94.58 21.82 66.63 36
POULTER R	A616 RD BR CUCKNEY TO I/L CLUMBER LAKE SK561 711 to SK616 735 6.6 Km at CARBURTON SK607 727 39323380	D	C		RE2	S	C	m sd %ile n	2.96 1.55 4.92 36	0.08 0.05 0.13 36	97.33 17.04 75.5 36
POULTER R	I/L CLUMBER LAKE TO NORMANTON BR. SK616 735 to SK648 757 4.4 Km at NORMANTON BRIDGE SK648 757 39322780	E	E	c	RE2	S	C	m sd %ile n	4.88 2.82 8.4 36	0.07 0.05 0.13 36	108.4 22.67 79.31 35
POULTER R	NORMANTON BR. TO CONF. R. IDLE SK648 757 to SK700 753 6.8 Km at ELKESLEY SK699 752 39322060	D	D	c	RE2	S	C	m sd %ile n	3.78 1.92 6.23 36	0.08 0.08 0.17 36	97.49 19.67 72.27 35
WHITWELL BK	RD BR WHITWELL COLLIERY TO MILLWOOD BK SK536 756 to SK549 754 1.5 Km at A60 BRIDGE SK547 753 39415050	C	C	d	RE4	C		m sd %ile n	2.95 1.92 5.3 30	0.26 0.33 0.56 31	97.49 16.03 76.94 31
BEVERCOTES BECK	WELLOW TO BOUGHTON STW SK675 657 to SK678 675 3.1 Km at US BROUGHTON SK678 675 39770940	F	F	f	RE4	S		m sd %ile n	5.88 17.92 12.98 33	36.46 198.2 70.54 33	89.88 21.92 61.79 33
BEVERCOTES BECK	BOUGHTON STW TO A6075 BR BOUGHTON SK678 675 to SK681 680 0.7 Km at A6075 SK681 680 39770800	F	E up	E	RE5	C		m sd %ile n	6.31 2.86 10.01 35	1.13 0.6 1.89 36	74.64 17 52.86 36
BEVERCOTES BECK	A6075 RD BR BOUGHTON TO RD BR WALESBY SK681 680 to SK687 707 3.3 Km at WALESBY SK687 707 39770400	E	C up	d	RE5	C		m sd %ile n	3.09 1.14 4.58 35	0.58 0.51 1.14 36	90.53 18.96 66.23 36
BEVERCOTES BECK	MINOR RD BR WALESBY TO CONF. R. MAUN SK687 707 to SK702 731 3 Km at LOUND HALL SK701 731 39770040	E	B up	C	RE4	C		m sd %ile n	2.06 0.83 3.15 35	0.13 0.18 0.28 36	93.97 14.73 75.09 36
MEDEN R	WHITEBOROUGH TO A617 BR PLEASLEY SK468 605 to SK506 643 6 Km at PLEASLEY SK496 633 39483180	E	A up	C	RE3	C		m sd %ile n	1.64 0.65 2.48 36	0.12 0.12 0.25 36	97.12 10.34 83.87 35
MEDEN R	A617 BR PLEASLEY TO RAIL BR LITTLEWOOD SK506 643 to SK532 653 4 Km at LITTLEWOOD SK532 653 39482260	C	A up	C	RE3	C		m sd %ile n	1.57 0.44 2.15 37	0.07 0.1 0.16 37	104.1 9.47 92 36
MEDEN R	RAIL BR LITTLEWOOD TO WARSOP STW SK532 653 to SK576 691 7.7 Km at WARSOP MILL SK568 686 39481620	B	A	C	RE3	C		m sd %ile n	1.49 0.62 2.29 36	0.07 0.08 0.14 36	102.1 11.21 87.71 36
MEDEN R	WARSOP STW OUTFALL TO I/L THORESBY LAKE SK576 691 to SK603 702 3.8 Km at BUDBY SK618 701 39480850	D	B up	C	RE3	C	C	m sd %ile n	1.81 0.54 2.53 36	0.15 0.19 0.32 36	106.6 16.66 85.22 35
MEDEN R	INLET TO THORESBY LAKE TO CONF. R. MAUN SK603 702 to SK659 719 6.8 Km at THORESBY SK648 711 39480520	B	C	C	RE2	S	C	m sd %ile n	2.73 2.15 5.22 36	0.12 0.16 0.26 36	105.4 14.05 87.39 35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
MEDEN R	CONF. R MAUN TO CONF. R. IDLE SK659 719 to SK702 750 6.3 Km at WEST DRAYTON SK703 750 39480020	D	C	C	RE3	C	-	m sd %ile n	3.07 1.39 4.87 36	0.15 0.24 0.34 36	107.8 18.05 84.63 34
SOOKHOLME BK	SOURCE AT SOOKHOLME BATH TO R. MEDEN SK540 665 to SK554 678 2.2 Km at SOOKHOLME SK549 671 39539400	D	D	E	RE4	C	-	m sd %ile n	2.53 1 3.84 36	0.73 0.84 1.55 36	82.97 11.52 68.2 36
SHIRE BK	FOOTBRIDGE TO CONF SOOKHOLME BK SK534 675 to SK545 668 1.5 Km at CONF SOOKHOLME BK SK544 670 39539600	O	D	C	RE5	C	-	m sd %ile n	2.74 1.15 4.23 36	0.82 0.88 1.71 36	81.36 8.74 70.16 34
LEAS BK	MANSFIELD STW TO CONF. R. MEDEN SK547 641 to SK555 672 3.6 Km at NETTLEWORTH MANO SK553 660 39584220	C	B	A	RE5	C	-	m sd %ile n	1.09 0.63 1.68 32	0.06 0.05 0.12 32	96.16 12.85 79.69 31
SKEGBY BK	BRIDGE AT HUTHWAITE TO SKEGBY STW SK473 595 to SK496 614 3.5 Km at AT B6014 SK496 610 39683250	B	A	e	RE3	C	-	m sd %ile n	1.11 0.71 1.98 32	0.06 0.09 0.13 32	89.25 6.19 81.31 32
SKEGBY BK	SKEGBY STW TO CONF. R. MEDEN SK496 614 to SK493 619 0.7 Km at SKEGBY MEDEN DS W SK493 619 39683020	O	D	C	RE5	C	-	m sd %ile n	2.52 0.64 3.36 26	0.67 1.25 1.52 26	87.2 18.18 63.9 25
RAINWORTH WATER	RAIL BR RAINWORTH TO RED BRIDGE SK603 596 to SK641 620 6 Km at RED BRIDGE SK641 620 39827080	E	C up	D	RE4	C	-	m sd %ile n	3.25 2 5.72 31	0.18 0.2 0.38 31	92.77 13.96 74.88 30
RAINWORTH WATER	RED BRIDGE TO CONF. GALLOW HOLE DYKE SK641 620 to SK649 645 3 Km at ROBIN DAM BRIDGE SK648 645 39826880	F	C up	E	RE4	C	-	m sd %ile n	3.25 1.51 5.19 36	0.29 0.28 0.6 36	96.58 10.08 83.66 36
RAINWORTH WATER	CONF. GALLOW HOLE DYKE TO CONF. R. MAUN SK649 645 to SK650 672 2.9 Km at FORD DS RUFFORD LA SK647 655 39826180	E	E	F	RE3	S	-	m sd %ile n	6.72 4.56 12.23 30	0.32 0.4 0.7 30	100.8 23.23 71.05 29
GALLOW HOLE DYKE	TRACK BRIDGE TO CONF. RAINWORTH WATER SK662 623 to SK649 645 3 Km at RUFFORD PARK SK649 605 39838020	C	C	E	RE3	S	-	m sd %ile n	2.04 1.03 3.36 36	0.49 0.91 1.12 36	104.8 32.07 63.66 34
VICAR WATER	INLET TO VICAR POND TO CONF. R. MAUN SK592 628 to SK604 650 2.8 Km at CLIPSTONE SK604 649 39926020	O	O		RE4	-	-	m sd %ile n	0 0 -1000 0	0 0 -1000 0	0 0 -1000 0
CAULDWELL BK	STONEHILLS FARM BRIDGE TO CONF. R. MAUN SK530 580 to SK530 599 2 Km at CONFLUENCE SK529 598 40015020	B	B	B	RE2	C	-	m sd %ile n	1.85 0.89 2.98 32	0.06 0.04 0.1 32	93.78 6.45 85.51 32
WHEATLEY BECK	TRACK BRIDGE TOCONF. WITH TRENT SK755 852 to SK806 865 5.5 Km at WEST BURTON MILL SK788 865 40307040	C	B		RE2	C	-	m sd %ile n	1.43 0.64 2.26 31	0.09 0.16 0.2 31	93.13 12.27 77.41 30
CATCHWATER DRAIN	TRIB FROM NORTH LEVERTON TO R. TRENT SK7947 8173 to SK8060 8575 5 Km at STURTON-LE-STEEPLE SK796 845 40415330	E	E		RE2	S	-	m sd %ile n	4.35 13.87 9.54 31	0.8 4.01 1.58 31	115.8 44.21 60.17 30
SEYMOUR DRAIN	RAMPTON STW TO CONF. WITH R. TRENT SK7971 7750 to SK8266 8152 6 Km at COTTAM SK819 804 40608020	C	B	e	RE2	C	-	m sd %ile n	2.02 1.14 3.45 32	0.24 0.55 0.54 32	98.03 18.04 74.92 32
MARTON DRAIN	HARDWICK/ STOW BRANCH TO TORKSEY STW SK8515 7832 to SK8433 7862 1 Km at TORKSEY SK845 785 40719100	C	C		RE5	C	-	m sd %ile n	1.78 0.71 2.7 36	0.2 0.2 0.42 36	96.72 24.22 65.69 36
MARTON DRAIN	TORKSEY STW TO CONF. WITH R. TRENT SK8433 7862 to SK8338 8136 2.5 Km at A156 BR, BRAMPTON G SK842 809 40719020	C	B		RE4	C	-	m sd %ile n	1.77 0.88 2.89 29	0.24 0.32 0.53 29	104.1 21.7 76.33 29
SEWER DRAIN	LAUGHERTON STW TO CONF. WITH R TRENT SK8401 7601 to SK8339 7809 2.9 Km at TORKSEY SK840 779 40782150	C	C	c	RE2	M	-	m sd %ile n	2.12 1.16 3.58 36	0.28 0.38 0.62 36	99.31 24.91 67.38 36

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
NORTH BECK	TRIB FROM HARDINGS FM TO TUXFORD BECK SK7742 7613 to SK7999 7584 3.6 Km at LANEHAM FIELD SK788 756 40924280	D	C		RE2	M	-	m sd %ile n	1 89 0 93 3 08 31	0 3 1 05 0 65 31	104 6 24 04 73 78 31
NORTH BECK	CONF. TUXFORD BECK TO RIVER TRENT SK7999 7584 to SK8150 7700 2 Km at LANEHAM SK803 760 40898020	E	B up		RE2	C	-	m sd %ile n	1 75 1 09 3 09 37	0 17 0 25 0 39 37	109 5 21 87 81 47 36
TUXFORD BECK	EAST MARKHAM STW TO CONF NORTH BECK SK7530 7258 to SK7999 7584 8 4 Km at A57 RD BR DARLTON SK768 737 40950450	F	C up	c	RE4	C	-	m sd %ile n	2 66 2 09 5 09 37	0 26 0 37 0 58 37	95 68 11 91 80 41 37
BUBBLE DYKE	SOUTH CLIFTON TO CONF WITH R TRENT SK8189 7016 to SK8214 7353 3 6 Km at NORTH CLIFTON SK821 723 41066040	E	E	e	RE4	M	-	m sd %ile n	2 05 1 01 3 34 28	0 21 0 31 0 46 28	82 36 31 67 41 77 28
FLEET	FB AT COTTON LANE TO COLLINGHAM STW SK8217 6066 to SK8263 6282 2 4 Km at COLLINGHAM SK829 620 41515120	F	D	d	RE2	S	C	m sd %ile n	1 16 0 64 1 96 33	0 09 0 09 0 18 33	74 81 18 32 51 33 32
FLEET	COLLINGHAM STW TO CONF. WITH R. TRENT SK8263 6282 to SK8155 6675 4.8 Km at GIRTON SK819 668 41514100	E	D	d	RE3	M	C	m sd %ile n	2.13 1.97 4 29 37	0 13 0 16 0 27 37	95 15 29 05 57 92 34
THE BECK	KNEESALL STW TO KERSALL SK6980 6480 to SK7130 6178 4.8 Km at KERSALL SK713 618 41822150	B	C	c	RE2	M	-	m sd %ile n	1.45 0.96 2.62 33	0.07 0.05 0 13 33	85 79 20 04 60 1 33
THE BECK	KERSALL TO BATHLEY FORD BRIDGE SK7130 6178 to SK7602 6010 6.2 Km at BATHLEY FORD BRIDG SK760 601 41821250	B	A	a	RE2	C	-	m sd %ile n	1.37 0.77 2.34 33	0.11 0.07 0 2 33	97.15 12.78 80 77 33
THE BECK	BATHLEY FORD BR. TO CONF. WITH R TRENT SK7602 6010 to SK8030 6400 5.7 Km at CROMWELL SPITTLE B SK799 629 41820270	B	D down	a	RE2	S	-	m sd %ile n	2.51 1.46 4 34 37	0.99 0.66 1.79 37	91.6 17.53 69.13 37
BRANSTON BK	BRANSTON STW TO CROXTON PK BK SK8128 2986 to SK8226 3130 2.1 Km at KNIPTON SK8220. 3110 42172430	B	B	a	RE2	M	C	m sd %ile n	1.76 0.67 2 63 17	0.07 0.06 0.14 19	91.31 16.13 70 64 19
DEVON R	CROXTON PK BK TO FB NR. BOTTESFORD SK8226 3130 to SK7990 3978 11.9 Km at BOTTESFORD SK811 390 42171020	C	C		RE2	M	C	m sd %ile n	2 45 1 45 4 25 31	0.08 0 06 0.15 33	90 3 17.05 68.45 33
DEVON R	FB NR. BOTTESFORD TO CONF. WITH R. SMITE SK7990 3978 to SK7907 4508 7.1 Km at STAUNTON IN THE VAL SK803 436 42169500	C	C		RE2	S	C	m sd %ile n	2 45 1 41 4 21 31	0 09 0.07 0 17 33	91.91 23 63 61 62 33
DEVON R	CONF. WITH R. SMITE TO COTHAM SK7907 4508 to SK7878 4772 3.5 Km at WENSOR BRIDGE SK786 457 42168900	C	B	a	RE2	C	C	m sd %ile n	1.87 0 95 3 08 31	0 08 0.13 0.18 33	96 64 18 96 72 34 33
DEVON R	COTHAM TO CONF. WITH R. TRENT SK7878 4772 to SK7890 5337 8 3 Km at HAWTON SK786 511 42167850	C	C		RE2	M	C	m sd %ile n	1.72 0 83 2.79 31	0.07 0 09 0 16 33	90.77 20 12 64 99 30
MIDDLE BECK	BALDERTON STW TO CONF. WITH R DEVON SK8130 5070 to SK7845 5142 3.6 Km at HAWTON SK787 515 42206050	E	E	d	RE4	S	-	m sd %ile n	1.84 0 64 2 69 35	2.04 1.26 3 6 35	71 24 66 39 4 34
CAR DYKE	MOORBRIDGE RD TO CONF. WITH BECK DYKE SK7015 4050 to SK7548 4440 7 Km at CAR DYKE BR. SK731 423 42254020	D	C	b	RE3	C	-	m sd %ile n	1 45 0 53 2.15 35	0.11 0 18 0 24 35	93 59 19 34 68 8 34
CAR OYKE	CONF. WITH BECK DYKE TO . R. DEVON SK7548 4440 to SK7845 5117 7.8 Km at HAWTON SK781 508 42252020	C	B	b	RE2	C	-	m sd %ile n	1.49 0 61 2 29 35	0 06 0 05 0.11 35	99 12 20 6 72.71 35
BECK DYKE	FLINTHAM PARK POOL OUTLET TO CAR DYKE SK7392 4567 to SK7542 4430 2 Km at DS FLINTHAM SK745 456 42310155	D	A	b	RE3	C	-	m sd %ile n	1.31 0 71 2 2 23	0.07 0 1 0 15 23	87.18 4 73 81 12 22

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SMITE R	CLAWSON LANE TO CONF WITH DOLBY BK	E	C		RE2	M	-	m	2 5	0 15	94 13
	SK7080 2870 to SK6962 3180 4 4 Km							sd	1 55	0 18	26 09
	at HICKLING SK708 287 42488950							%ile	4 42	0 33	60 7
								n	14	15	15
SMITE R	CONF. WITH DOLBY BK TO STROOM DYKE	C	C	C	RE2	M	-	m	1.95	0 15	93.09
	SK6962 3180 to SK7175 3600 5.3 Km							sd	1.99	0 47	19.41
	at COLSTON BASSETT SK697 332 42488110							%ile	4 03	0.33	68 21
								n	34	35	35
SMITE R	STROOM DYKE TO CONF. WITH R WHIPLING	C	C	B	RE2	M	C	m	1 99	0 07	116
	SK7175 3600 to SK7495 3985 6 4 Km							sd	0 83	0 09	39 44
	at WHATTON SK742 395 42486650							%ile	3 07	0 16	65 43
								n	33	35	34
SMITE R	CONF. WITH R WHIPLING TO R DEVON	C	C	B	RE2	M	C	m	1 74	0 05	119 9
	SK7495 3985 to SK7907 4508 9 9 Km							sd	0 7	0 07	44.78
	at THOROTON OSCAR BR SK773 427 42485620							%ile	2 65	0 11	62 52
								n	33	35	35
WHIPLING R	CONF WITH THE GRIMMER TO R SMITE	E	C	B	RE2	M	-	m	1 76	0 19	93 57
	SK7565 3593 to SK7495 3985 6 3 Km							sd	0 88	0 38	23 63
	at WHATTON MANOR SK742 372 42533380							%ile	2 88	0 42	63 29
								n	33	35	35
THE GRIMMER	REDMILE STW TO CONF. WITH RUNDLE BECK	C	D	C	RE2	S	-	m	1 73	0 16	87 61
	SK7935 3530 to SK7565 3593 6 Km							sd	0 99	0 44	26 37
	at GRANBY SK758 359 42534050							%ile	2 98	0 36	53 82
								n	32	32	31
STROOM DYKE	CLAWSON LANE HOSE TO CONF. R. SMITE	C	E	B	RE3	S	-	m	2 58	0 33	80 65
	SK7389 2899 to SK7180 3600 9 Km							sd	1 66	0 32	27 45
	at WIVERTON HALL SK718 356 42733050							%ile	4 61	0 68	45 47
								n	33	35	34
HARBY BK	HARBY STW TO CONF. WITH STROOM DYKE	O	E	O	RE3	S	-	m	4 87	0 9	94 91
	SK7290 2960 to SK7260 3290 4 Km							sd	4 2	0 56	21
	at CONF. STROOM DYKE SK7260 3290 42767080							%ile	9 59	1 59	67 99
								n	32	33	31
DALBY BK	INLET OLD DALBY FISH PONDS TO R. SMITE	C	D	D	RE2	S	-	m	2 33	0 22	75 34
	SK6769 2360 to SK6962 3180 7 5 Km							sd	1 36	0 34	15 83
	at NETHER BROUGHTON SK692 277 42900950							%ile	4 02	0 49	55 06
								n	32	33	32
CROXTON PARK BK	A607 RD BRIDGE TO CONF. WITH R. DEVON	O	A	a	RE2	C	-	m	1 4	0 04	97 14
	SK8245 2854 to SK8220 3130 3 Km							sd	0 63	0 03	7 67
	at KNIPTON SK824 312 43267100							%ile	2 21	0 07	87 32
								n	26	28	28
GREET R	BILSTHORPE MOOR TO FB AT MAYTHORNE FM	B	B	E	RE2	C	-	m	1 69	0 11	91 87
	SK6589 5967 to SK6970 5565 7.2 Km							sd	0 67	0 13	8 65
	at KIRKLINGTON SK675 573 43534300							%ile	2 56	0 23	80 79
								n	37	38	38
GREET R	FB AT MAYTHORNE FARM TO A612 RD BRIDGE	C	A	B	RE2	C	-	m	1 5	0 05	97 21
	SK6970 5565 to SK7105 5409 2 6 Km		up					sd	0 46	0 07	10 14
	at SOUTHWELL MILL SK707 544 43533250							%ile	2 11	0 12	84 21
								n	29	30	29
GREET R	A612 RD BRIDGE TO CONF. WITH R. TRENT	C	B	B	RE2	C	-	m	1 81	0 1	94 91
	SK7105 5409 to SK7424 5149 5 5 Km							sd	0 69	0 07	8 78
	at FISKERTON MILL SK742 517 43532250							%ile	2 71	0 18	83 65
								n	37	38	34
COTTON MILL DYKE	SPRINGS FM LN BR. TO CONF. WITH R GREET	O	O	D	RE4	C	-	m	3 49	0 73	70 84
	SK6682 5655 to SK6739 5719 2 Km							sd	1 99	1 23	13 62
	at SPRING FARM ROAD SK668 565 43534740							%ile	5 98	1 65	53 38
								n	31	32	31
HALLHOUGHTON DUMBLE	ROSELLWOOD FM BR. TO CONF. WITH R. GREET	E	E	C	RE4	S	-	m	4 16	0 48	65 42
	SK6480 5160 to SK7382 5222 10 6 Km							sd	2 15	0 32	22 54
	at ROLLESTON SK736 524 43558100							%ile	6 89	0 87	36 54
								n	37	38	36
HOLME DYKE	FB NR THE ELMS BLEASBY TO R. TRENT	O	E		RE2	S	-	m	0 94	0 05	69
	SK7075 4937 to SK7347 5059 3.8 Km							sd	0 47	0 05	18 29
	at FISKERTON SK733 500 43757100							%ile	1 54	0 1	45 56
								n	29	30	30
CAUSEWAY DYKE	CAYTHORPE TO CONF. WITH R. TRENT	C	C	B	RE2	S	C	m	1 37	0 04	88 23
	SK6932 4600 to SK7201 4795 4 3 Km							sd	0 69	0 04	21 42
	at AT CONFLUENCE SK720 479 43824020							%ile	2 25	0 09	60 78
								n	34	35	35
THURGARTON BK	TRIB BANKWOOD FARM TO CAUSEWAY DYKE	B	B	C	RE2	C	-	m	1 85	0 03	120 5
	SK6661 4995 to SK7104 4772 5.5 Km							sd	0 97	0 03	34 52
	at THURGARTON SK698 489 43847350							%ile	3 08	0 06	76 24
								n	34	35	35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
DOVER BECK	OXTON DUMBLE TO GRIMESMOOR DYKE SK6220 5043 to SK6475 4810 4.5 Km at SHELT HILL SK643 487 43903250	C	E		RE2	S	-	m sd %ile n	2 55 1 66 4 57 21	0 33 0 53 0 74 21	77 62 25 38 45 09 21
DOVER BECK	GRIMESMOOR DYKE TO LOWDHAM MILL SK6475 4810 to SK6662 4739 3.8 Km at EPPERSTONE WASH B SK653 480 43902780	C	C	D	RE2	M	C	m sd %ile n	2 37 1 08 3 77 38	0.37 0.32 0.73 36	85 22 10 83 71 33 37
DOVER BECK	LOWDHAM MILL TO CONF WITH R TRENT SK6662 4739 to SK6949 4509 5 Km at CAYTHORPE SK687 456 43902300	C	B up	C	RE2	C	C	m sd %ile n	2.07 0 69 2.98 39	0 14 0 18 0 3 39	99 9 12 51 83 86 39
GRIMESMOOR DYKE	FOOTBRIDGE TO SHELT HILL SK6280 4958 to SK6410 4852 2 Km at SHELT HILL SK641 486 43972380	O	D	D	RE3	S	-	m sd %ile n	3 14 1 36 4 9 38	1 06 0 56 1 77 38	83 78 8 88 72 4 37
GRIMESMOOR DYKE	SHELT HILL TO CONF WITH DOVER BECK SK6410 4852 to SK6452 4820 0 6 Km at GRIMESMOOR SK644 485 43972250	E	E		RE5	C	-	m sd %ile n	9 71 2 63 13 19 38	4 1 1 57 6 27 36	42 54 10 85 28 63 37
OXTON DUMBLE	DAIRY FARM TO CONF. WITH DOVER BECK SK6470 5300 to SK6219 5042 3.8 Km at WATER LANE SK6277 5102 43994150	O	D	E	RE1	S	-	m sd %ile n	2 92 1.96 5 3 17	0 16 0 47 0 35 17	97 5 32 37 56 02 16
SHELFORD BK	EAST BRIDGFORD STW TO R. TRENT SK6820 4330 to SK6830 4360 1 Km at TRENT CONF. E. BR FD SK683 435 44049100	O	E	f	RE4	S	-	m sd %ile n	5 87 2 97 9.66 27	1.34 1.23 2 69 27	70 78 25 7 37 85 27
COCKER BECK	BR AT SPRING LANE TO CONF. WITH R. TRENT SK6065 4502 to SK6750 4374 10.5 Km at GUNTHORPE SK677 440 44071350	B	D	b	RE1	S	-	m sd %ile n	2.09 1.14 3 53 33	0.09 0.09 0.18 34	81.15 21.02 54.22 33
OUSE DYKE	GEDLING RAILWAY BR. TO FB AT NETHERFIELD SK6207 4264 to SK6336 4068 3 Km at AT BROOKLANDS DR SK622 419 44206090	O	C	D	RE4	C	-	m sd %ile n	2 68 1 46 4.53 38	0 42 0.86 0.96 38	83.18 9 09 71.54 38
OUSE DYKE	FB AT NETHERFIELD TO CONF. WITH R. TRENT SK6336 4068 to SK6476 4195 2.8 Km at OUSE DYKE AT TRENT SK647 419 44205010	C	C	C	RE4	C	-	m sd %ile n	2.5 1.47 4 34 38	0.29 0.29 0.59 38	101.3 26 49 67.37 38
POLSER BK	STAUNTON ON THE WOLDS TO WILLOW BK SK6340 3195 to SK6213 3329 2.7 Km at NORMANTON SK619 335 44284750	O	D	b	RE4	C	-	m sd %ile n	1.76 0 87 2.87 32	0.13 0.33 0 3 32	78.56 19 82 53 16 32
POLSER BK	WILLOW BK TO CONF. WITH R. TRENT SK6213 3329 to SK6430 3970 8 5 Km at RADCLIFFE ON TRENT SK638 396 44283100	D	E	b	RE3	S	-	m sd %ile n	1 62 0 71 2.54 35	0.22 0.15 0 4 35	72.83 23 5 42 71 35
COTGRAVE BK	COTGRAVE STW TO CONF. WITH POLSER BK SK6375 3570 to SK6256 3726 .2.5 Km at US POLSER BROOK SK625 372 44329040	O	B		RE3	C	-	m sd %ile n	2.13 0 61 2.94 30	0.14 0.17 0.31 30	98 04 20 85 71.32 30
LEEN R	JOAN SLUT PLANTATION TO PAPPLEWICK SK5242 5459 to SK5482 5016 6.3 Km at NEWSTEAD ABBEY SK540 537 44510300	C	C	c	RE2	M	C	m sd %ile n	2 44 1.59 4 38 36	0.23 0.25 0 48 36	101 8 9 5 89 65 35
LEEN R	PAPPLEWICK TO B683 RD BRIDGE SK5482 5016 to SK5460 4645 4.3 Km at BAYLES MILL SK546 472 44509030	B	B	b	RE2	C	C	m sd %ile n	1.85 0 69 2 76 36	0.15 0.08 0 26 36	98.2 8 69 67 06 35
LEEN R	B683 RD BRIDGE TO CONF. WITH DAY BK SK5460 4645 to SK5520 4300 5.2 Km at BULWELL MARKET PL SK541 451 44508180	D	C	c	RE2	M	-	m sd %ile n	2 38 2 21 4 79 .36	0 25 0 22 0 5 36	103 3 12 32 87 5 35
LEEN R	CONF. WITH DAY BK TO A609 RD BRIDGE SK5520 4300 to SK5497 4011 3 4 . Km at BOBBERS MILL SK551 414 44506300	D	B	c	RE2	C	-	m sd %ile n	2 43 1 23 3 99 36	0 17 0 13 0 33 37	116 9 28 4 80 46 36
LEEN R	A609 RD BRIDGE TO CONF. WITH R. TRENT SK5497 4011 to SK5640 3830 3 3 Km at TRENT CONF . SK564 383 44505050	E	B up	d	RE2	C	-	m sd %ile n	2 35 1 26 3 95 36	0 16 0 13 0 31 36	109 5 25 73 76 51 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
DAY BK	O/F FROM DAY BK POOL TO R LEEN SK5808 4465 to SK5515 4204 4 Km at BASFORD SK553 431 44590020	E	B up	d	RE3	C	-	m sd %ile n	2 4 1.08 3 8 36	0.12 0.14 0 25 36	101.1 14 97 81 93 35
HEMPSHILL BK	RD BR AT NUTHALL TO R LEEN SK5125 4425 to SK5432 4385 3.7 Km at LEEN CONF SK529 434 44612020	E	B up		RE3	C	-	m sd %ile n	1.9 1.09 3 27 36	0 08 0 08 0 16 36	96.5 5 05 90 02 36
FARLEYS BK	FB NR SHORTWOOD FM TO R. LEEN SK5048 4883 to SK5470 4705 4.2 Km at HUCKNALL ROAD SK545 472 44711100	E	A up	c	RE2	C	-	m sd %ile n	1.29 0 6 2 06 36	0 07 0 05 0 14 36	97.77 7.95 87 59 35
BAKER LANE BK	HOLY WELL DAM OUTLET TO R LEEN SK5141 5143 to SK5490 4830 4 8 Km at CONFLUENCE SK549 483 44756020	B	B	c	RE2	C	-	m sd %ile n	1 68 0 74 2 63 37	0 06 0 05 0 15 37	97 53 2 1 13 70 45 36
ANNESLEY BK	TRIB HAZELFORD CLIFF TO R LEEN SK5283 5378 to SK5433 5177 3 Km at QUARRY BANKS SK539 520 44845140	O	B	a	RE2	C	-	m sd %ile n	1 69 0 83 2 75 18	0 04 0 03 0 07 18	96 83 5 03 90 38 18
FAIRHAM BK	CONF ROE HOE BK TO CLIFTON SK6206 2825 to SK5570 3310 11.5 Km at BUNNY SK583 293 44924250	O	B	c	RE3	C	C	m sd %ile n	2 11 1 04 3 44 32	0 21 0 49 0 48 32	106 3 26 08 72 89 32
FAIRHAM BK	CLIFTON TO CONF. R. TRENT SK5570 3310 to SK5607 3653 4 Km at WILFORD SK561 363 44922100	B	B	b	RE3	C	C	m sd %ile n	2 09 1.09 3 47 36	0.11 0 21 0 26 36	111 8 32 45 70 24 34
GOTHAM BK	GOTHAM STW OUTFALL TO FAIRHAM BK SK544 300 to SK551 316 2 Km at GLEBE FARM SK5445 3090 45002170	O	E	d	RE4	M	-	m sd %ile n	2 4 1.45 4 2 26	0 27 0.39 0 6 26	101.3 46 83 41.31 24
EREWASH R	PORTLAND PARK TO PARK LANE BRIDGE. SK4980 5560 to SK4852 5477 1.3 Km at US BENTINCK COLLIER SK490 549 45223850	E	C up	c	RE4	C	-	m sd %ile n	1.91 3 42 4.33 84	0.09 0 27 0 2 85	98.77 6.12 90 93 92
EREWASH R	PARK LANE BRIDGE TO U/S PINXTON STW SK4852 5477 to SK4525 5430 7.6 Km at PINXTON STATION SK456 544 45221950	D	C up	E	RE4	C	-	m sd %ile n	2.81 1.86 5 08 86	0.47 0.51 0.98 88	90.38 15 27 70 8 95
EREWASH R	U/S PINXTON STW TO PYE BRIDGE B600 SK4525 5430 to SK4424 5288 1.8 Km at PYE BRIDGE SK443 528 45220980	E	D up	E	RE4	C	-	m sd %ile n	2.59 1.28 4.23 86	0.67 0.7 1 4 88	93.11 25.68 60 2 98
EREWASH R	PYE BRIDGE B600 TO TRIB. FROM JACKSDALE SK4424 5288 to SK4438 5137 1.8 Km at JACKSDALE SK443 517 45220500	E	D up	f	RE4	C	-	m sd %ile n	3 09 1.63 5 16 85	0 81 0 9 1 71 87	96 9 18 52 73 17 92
EREWASH R	TRIB FROM JACKSDALE TO CONF. BAILEY BK SK4438 5137 to SK4561 4622 6 4 Km at US MILNHAY STW SK454 466 45217950	E	C up	d	RE4	C	-	m sd %ile n	2 74 1 6 4 74 86	0 58 0 56 1 18 86	95 1 18 2 71.78 93
EREWASH R	CONF. BAILEY BK TO SHIPLEY GATE SK4561 4622 to SK4631 4543 1 Km at SHIPLEY GATE SK463 454 45217250	E	D	d	RE5	C	-	m sd %ile n	3 61 3 32 7 25 86	0 8 0 82 1 65 87	83 07 16 55 61 86 95
EREWASH R	SHIPLEY GATE TO A6096 ILKESTON SK4631 4543 to SK4733 4248 4 5 Km at ILKESTON SK473 424 45216170	E	E	d	RE4	S	-	m sd %ile n	5 03 3 46 9 2 84	1 09 0 83 2 06 85	67 23 16 8 45 69 96
EREWASH R	A6096 ILKESTON TO D/S OF ILKESTON STW SK4733 4248 to SK4835 3934 4 Km at TROWELL SK477 405 45215500	E	E	e	RE4	M	-	m sd %ile n	3.97 1.7 6.17 97	0 93 0.78 1 82 97	72 84 18 31 49 37 106
EREWASH R	D/S OF ILKESTON STW TO FB STAPLEFORD SK4835 3934 to SK4863 3760 2 4 Km at STANTON GATE SK484 383 45214350	E	D	d	RE4	C	-	m sd %ile n	3 95 2 79 7 29 84	1 1 0 8 2 06 85	77 51 13 77 59 86 97
EREWASH R	FB STAPLEFORD TO A6005 RD BR TOTON SK4863 3760 to SK5028 3416 8 2 Km at TOTON SK503 341 45213020	E	D	d	RE4	C	-	m sd %ile n	3 59 1 35 5 35 84	0 91 0 79 1 6 85	85 66 16 8 64 13 96

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
EREWASH R	A6005 RD BR TOTON TO CONF R TRENT SK5028 3416 to SK5134 3310 2 Km at NEW INLET ATTENBOR SK508 335 45212350	E	D up	c	RE4	C	-	m sd %ile n	5 34 1.41 7.2 95	1 14 0 77 2.07 97	81 55 14 12 63 45 93
NUT BK	TRIBUTARY TO CONF. WITH R EREWASH SK4510 4220 to SK4830 3890 6 Km at AT CONFL SK483 389 45379020	C	B	b	RE3	C	-	m sd %ile n	1 56 0 62 2.37 37	0 28 0 19 0 5 38	96 89 11 86 81 69 38
STANLEY BK	FB STANLEY GRANGE TO CONF. NUT BROOK SK4250 4037 to SK4525 4108 3 3 Km at AT NUT BK CONFL SK452 411 45414020	O	C	c	RE2	S	-	m sd %ile n	2.36 2 2 4 79 34	0 27 0 63 0 62 34	81.73 13 25 64 75 37
GILT BK	FB AT GILT BROOK TO NEWTHORPE STW O/F SK4876 4589 to SK4780 4468 2 Km at US NEWTHORPE STW SK479 447 45646395	O	B	c	RE2	C	-	m sd %ile n	1 66 1 98 3 55 41	0 15 0 21 0 34 41	97 32 10 19 84 26 41
GILT BK	NEWTHORPE STW TO CONF R EREWASH SK4780 4468 to SK4705 4420 2 8 Km at AT CONFL SK473 443 45646150	O	E	e	RE5	C	-	m sd %ile n	8 71 3 45 13 2 39	1 13 0 93 2 2 39	76 46 10 82 62 59 39
BAILEY BK	LOSCOE LAKE INLET TO R EREWASH SK4258 4810 to SK4570 4632 4 5 Km at MILNHAY RD SK452 465 45691150	O	D	d	RE3	S	-	m sd %ile n	1 76 1 49 3 45 32	0 12 0 24 0 27 33	77 88 20 56 51 54 33
NETHERGREEN BK	MOORGREEN RESERVOIR TO EASTWOOD SK4835 4960 to SK4654 4748 3.4 Km at EASTWOOD SK465 474 45781180	O	C	d	RE2	M	-	m sd %ile n	2 53 2.53 5 2 33	0.07 0 11 0.16 33	98 69 15 05 79 4 33
NETHERGREEN BK	EASTWOOD TO CONF WITH R. EREWASH SK4654 4748 to SK4530 4735 1.3 Km at AT CONF SK454 473 45781020	O	C	e	RE2	S	-	m sd %ile n	1.49 1.04 2 73 33	0.1 0 07 0 18 33	76.25 13 8 60.57 32
BAGTHORPE BK	MILLINGTON SPRINGS TO R. EREWASH SK4824 5215 to SK4467 5083 4.1 Km at WESTWOOD SK450 536 45915180	O	C	b	RE2	M	-	m sd %ile n	1.92 0.73 2 88 33	0.09 0.07 0 17 33	92.91 18.13 69.67 32
BIRCHWOOD BK	TRIBUTARY. TO CONF. WITH R. EREWASH SK4220 5463 to SK4465 5374 2.8 Km at CONF EREWASH SK446 536 46048020	O	C	d	RE2	S	-	m sd %ile n	2.73 2.94 5.72 33	0 08 0 14 0 19 33	97.07 10.62 83.45 31
CUTTAIL BK	SALMON LANE BR. TO CONF. WITH R. EREWASH SK4882 5312 to SK4848 5472 2 Km at CONFLUENCE SK485 547 46202020	O	C		RE2	M	-	m sd %ile n	2.01 0.96 3 24 33	0 35 0 22 0 61 33	94 21 4 1 88 95 33
SOAR R	CLAYBROOK MAGNA TO CONF. SOAR BK SP497 892 to SP487 919 4 Km at CLAYBROOKE SP487 919 46266820	C	C	c	RE3	C	-	m sd %ile n	1.75 0 79 2.76 36	0 03 0 03 0 06 36	104 2 28 69 67 42 36
SOAR R	CONF. SOAR BK TO STONEY STANTON STW SP487 919 to SP505 949 5.8 Km at DS STONEY BRIDGE SP504 929 46266590	O	B	b	RE2	C	S	m sd %ile n	1.74 1.1 3 09 36	0 03 0 03 0 05 36	96 72 16 14 76 05 36
SOAR R	STONEY STANTON STW TO THURLASTON BK SP505 949 to SP522 963 2.7 Km at CROFT SP511 959 46265950	C	C	c	RE3	S	C	m sd %ile n	1.77 0 86 2 87 35	0.1 0 13 0.21 35	82.34 13 76 64 71 35
SOAR R	THURLASTON BK TO CONF. WHETSTONE BK SP522 963 to SP549 974 3 5 Km at NARBOROUGH SP541 973 46265220	C	B up	c	RE3	C	C	m sd %ile n	2.18 0.78 3 2 36	0.13 0.16 0.28 36	98.49 16 8 76 95 39
SOAR R	WHETSTONE BK TO CONF. R. SENCE SP549 974 to SK551 985 1.2 Km at WHETSTONE SP551 986 46264840	C	B up	b	RE3	C	-	m sd %ile n	1.96 0.7 2.87 36	0.15 0.16 0.31 36	87.42 9.93 74.7 36
SOAR R	CONF. R. SENCE TO GRAND UNION CANAL SK551 985 to SK569 009 3 Km at AYLESTONE SK570 011 46264180	C	B up	c	RE3	C	-	m sd %ile n	2.18 0.71 3.11 36	0 2 0 22 0 42 36	89 78 10 09 76 84 36
SOAR R	GRAND UNION CANAL TO FB AT BELGRAVE SK569 009 to SK593 068 10 Km at EVANS WEIR SK579 047 46261980	C	B up	d	RE3	C	-	m sd %ile n	2.45 0 75 3 44 36	0 2 0 21 0 42 36	92.53 9 23 80 7 36

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SOAR R	FB AT BELGRAVE TO CONF. MELTON BK SK593 068 to SK597 078 1.5 Km at BIRSTALL SK590 074 46260200	C	B		RE3	C	C	m sd %ile n	2.36 0.9 3.53 33	0.2 0.23 0.43 33	89.26 11.23 74.88 34
SOAR R	CONF. MELTON BK TO WANLIP STW OUTFALL SK597 078 to SK598 118 6.5 Km at WANLIP SK603 114 46259100	C	B		RE3	C	C	m sd %ile n	2.42 1 3.71 35	0.18 0.28 0.4 36	93.31 9.5 81.13 36
SOAR R	WANLIP STW OUTFALL TO B6046 BR BARROW SK598 118 to SK573 173 9 Km at SILEBY MILL SK593 147 46257100	E	C up	c	RE4	C	-	m sd %ile n	2.46 0.89 3.63 46	0.56 0.36 1 46	90.57 7.37 81.12 49
SOAR R	B6046 BR BARROW TO CONF. WOOD BK SK573 173 to SK527 219 11 Km at STANFORD ON SOAR SK542 218 46252580	D	C up		RE3	C	-	m sd %ile n	2.36 0.98 3.64 37	0.3 0.29 0.61 37	93.73 11.72 76.71 37
SOAR R	CONF. WOOD BK TO CONF. LONG WHATTON BK SK527 219 to SK501 233 3 Km at ZOUCH SK502 232 46250980	D	C up	c	RE3	C	-	m sd %ile n	2.42 0.94 3.64 36	0.31 0.35 0.65 36	93.53 7.47 83.95 36
SOAR R	CONF. LONG WHATTON BK TO CONF. R. TRENT SK505 233 to SK492 308 9.4 Km at RED HILL LOCK SK492 302 46247300	D	C up	c	RE3	C	-	m sd %ile n	2.45 1.43 4.24 139	0.22 0.27 0.47 141	93.54 11.47 78.84 141
HEMINGTON BK	FOOTBRIDGE TO CONF. R. SOAR SK481 289 to SK491 302 1.8 Km at US LOCKINGTON MARS SK484 293 46301150	O	E	c	RE2	S	-	m sd %ile n	1.32 0.59 2.09 31	0.12 0.17 0.27 32	67.63 24.42 36.33 32
KINGSTON BK	FB ABOVE WYSALL TO STONE BR EAST LEAKE SK614 266 to SK556 264 7.7 Km at EAST LEAKE SK556 265 46389020	C	B	b	RE2	C	-	m sd %ile n	1.99 0.75 2.97 37	0.07 0.09 0.15 37	103.2 25.65 70.29 37
KINGSTON BK	STONE BR E. LEAKE TO RD BR WEST LEAKE SK556 264 to SK524 263 3.5 Km at WEST LEAKE SK524 263 46388580	D	C	a	RE3	M	C	m sd %ile n	2.2 0.84 3.3 35	0.35 0.55 0.79 35	98 25.13 65.79 35
KINGSTON BK	MINOR RD BR WEST LEAKE TO CONF. R. SOAR SK524 263 to SK493 277 4 Km at KINGSTON ON SOAR SK497 278 46388050	E	D		RE3	M	C	m sd %ile n	3.75 3.14 7.32 36	0.19 0.41 0.43 36	103.8 19.85 78.36 36
LONG WHATTON BK	CONF. WESTMEADOW BK TO LONG WHATTON STW SK469 239 to SK489 233 2.4 Km at US LONG WHATTON ST SK480 238 46554260	E	C up	c	RE2	M	-	m sd %ile n	2.37 1.94 4.6 32	0.17 0.26 0.39 32	95.41 14.45 76.9 32
LONG WHATTON BK	LONG WHATTON STW TO CONF. R. SOAR SK489 233 to SK505 233 1.6 Km at THE STINTS SK499 229 46554030	E	D	d	RE4	C	-	m sd %ile n	3.31 2.86 6.52 31	0.54 0.26 0.89 31	83.22 15.85 62.92 31
WESTMEADOW BK	FB AT THRINGSTONE TO LONG WHATTON BK SK421 173 to SK469 239 8.9 Km at LONG WHATTON SK466 237 46589020	D	B	a	RE2	C	-	m sd %ile n	1.64 0.75 2.61 31	0.24 0.77 0.52 31	98.7 12.08 83.22 33
BLACK BK	B5350 RD BR CHARLEY TO BLACKBROOK RES SK488 141 to SK467 170 4.3 Km at IN. BLACK BROOK RES SK467 170 46879620	C	B	a	RE2	C	S	m sd %ile n	1.99 1.17 3.45 36	0.06 0.06 0.12 36	95.42 10.18 82.37 36
BLACK BK	BLACKBROOK RES. TO GRACE DIEU BROOK SK467 170 to SK479 207 5.2 Km at SHEPSHED SK474 201 46678660	C	C	a	RE3	C	S	m sd %ile n	2 3.33 4.5 32	0.05 0.14 0.12 32	102.6 21.91 74.48 32
BLACK BK	CONF. GRACE DIEU BROOK TO CONF. R. SOAR SK479 207 to SK521 220 5.9 Km at DISHLEY SK517 210 46678100	E	D	c	RE4	C	-	m sd %ile n	3.01 3.56 6.45 32	0.14 0.26 0.31 32	112.3 25.25 79.9 32
GRACE DIEU BK	DISUSED BR GRACE PRIORY TO SNARROWS STW SK433 182 to SK435 185 0.5 Km at US SNARROWS WRW SK434 184 46713640	C	B	b	RE3	C	-	m sd %ile n	2.04 1.68 3.96 36	0.05 0.09 0.12 36	100.5 10.44 87.1 36
GRACE DIEU BK	SNARROWS STW TO FOREST LANE BELTON SK435 185 to SK449 202 2.5 Km at DS SNARROWS WRW SK444 196 46713440	E	D	E	RE4	C	-	m sd %ile n	3.96 3.46 7.82 36	0.32 0.43 0.71 36	85.47 8.6 74.45 38

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
GRACE DIEU BK	FOREST LANE BELTON TO CONF BLACK BK SK449 202 to SK479 207 3.3 Km at WOODLANDS SK469 210 46713100	D	C	c	RE4	C	-	m sd %ile n	3 1 2 18 5.71 36	0 3 0 55 0 67 36	94 05 9 32 82 12 36
WOOD BK	A6004 RD CULVERT TO LOUGHBOROUGH STW SK531 205 to SK531 215 1.2 Km at U/S LOUGHBOROUGH SK532 208 46824450	O	D		RE5	C	-	m sd %ile n	3.21 2 7 6 27 28	0 08 0 11 0 18 29	100 5 11 15 86 19 29
WOOD BK	LOUGHBOROUGH STW TO CONF R SOAR SK531 215 to SK527 219 1 5 Km at D/S LOUGHBOROUGH SK532 217 46824230	E	B up	C	RE5	C	-	m sd %ile n	2.54 0 86 3 67 27	0 17 0 21 0 36 28	86 78 5 26 78 76 37
HOTON BK	HOTON STW OUTFALL TO CONF R SOAR SK573 228 to SK551 209 2 8 Km at COTES SK553 211 46953033	D	C	D	RE4	C	-	m sd %ile n	2 14 1 64 4 05 33	0 14 0 11 0 27 33	88 94 16 92 67 26 36
WALTON BK	BURTON-ON-THE-WOLDS STW TO CONF R SOAR SK590 201 to SK556 200 3 5 Km at BURTON BANDALLS SK563 199 46986050	E	C up	d	RE4	C	-	m sd %ile n	2 95 1 39 4 73 36	0 23 0 35 0 51 36	89 78 13 12 72 96 36
OUORN BK	RAILWAY BR WOODHOUSE TO CONF R SOAR SK552 146 to SK565 164 2 7 Km at OUORN SK564 164 47030050	E	C	b	RE2	M	-	m sd %ile n	2 71 1 43 4 52 32	0 06 0 05 0 12 32	111 4 28 3 75 14 32
BRADGATE BK	B591 ULVERSCROFT TO SWITHLAND RES SK478 124 to SK562 130 11.8 Km at NEWTOWN LINFORD SK522 098 47043180	B	B	a	RE2	C	-	m sd %ile n	1 79 1.18 3.23 36	0 04 0.03 0 08 36	90 97 7 9 80 65 36
SWITHLAND BK	ROECLIFFE HILL TO CONF. OUORN BK SK527 125 to SK556 151 6 Km at SWITHLAND SK555 129 47087250	B	A	a	RE2	C	-	m sd %ile n	1.4 0 44 1.98 31	0 02 0 02 0 05 30	98 84 11 41 84 22 31
ROTHLEY BK	THORNTON BAGWORTH STW TO THORNTON BK SK463 074 to SK471 060 1.8 Km at MERRYLEES SK471 060 47233820	E	C	c	RE4	C	-	m sd %ile n	2 63 1.31 4 3 32	0 46 0 41 0 92 32	82.44 15.76 62.24 32
ROTHLEY BK	CONF. THORNTON BK TO TRIB FROM DESFORD SK471 060 to SK492 039 4 Km at NEWTOWN UNTHANK SK487 043 47233180	E	B up	d	RE3	C	-	m sd %ile n	2 04 1.33 3 67 36	0.19 0 27 0 43 36	93.06 8 81 81.77 36
ROTHLEY BK	TRIB FROM DESFORD TO M1 RD BR RATBY SK492 039 to SK525 053 3 9 Km at RATBY SK521 051 47232523	B	B		RE3	C	-	m sd %ile n	2 0 94 3 21 32	0.11 0 14 0 23 32	93 1 13 81 75 39 32
ROTHLEY BK	M1 RD BR RATBY TO MINOR RD BR ANSTEY SK525 053 to SK557 089 5.2 Km at ANSTEY SK552 085 47231350	E	B up	b	RE3	C	-	m sd %ile n	2.27 1.21 3 8 36	0.13 0 2 0.3 36	98.79 14 62 80 05 34
ROTHLEY BK	MINOR RD BRIDGE ANSTEY TO CONF. R. SOAR SK557 089 to SK592 132 8.4 Km at ROTHLEY SK587 129 47230150	C	B up	c	RE2	C	-	m sd %ile n	2.01 0.87 3.14 36	0 09 0.09 0 19 36	92 53 8 18 82.05 36
MARKFIELD BK	THORNTON RES. TO CONF. ROTHLEY BK SK470 074 to SK471 060 1.8 Km at BUSKY FARM SK473 068 47467140	O	B	c	RE2	C	-	m sd %ile n	1.96 0.74 2.94 34	0 07 0 06 0.15 34	96 61 11.08 82.41 33
EYE R	FORD AT COSTON TO GARTHORPE RD BRIDGE SK848 222 to SK834 208 2 Km at COSTON SK848 222 47519900	B	A	b	RE2	C	-	m sd %ile n	1.48 0.69 2 37 33	0 03 0 03 0 07 33	100.9 6.75 92.26 33
EYE R	GARTHORPE RD BRIDGE TO CONF. LANGHAM BK SK834 208 to SK815 187 3.7 Km at SAXBY SK822 194 47519500	D	B	a	RE2	C	-	m sd %ile n	1.5 0 82 2.53 37	0.07 0.06 0 13 37	92.27 16.36 71.3 37
EYE R	CONF. LANGHAM BK TO TRIB FROM FREEBY SK815 187 to SK808 189 1 Km at STAPLEFORD SK812 188 47519100	C	B	c	RE2	C	C	m sd %ile n	1.94 1.21 3 43 37	0.06 0.1 0 13 37	99.84 13 15 82.99 37
EYE R	CONF. TRIB FROM FREEBY TO SCALFORD BK SK808 189 to SK758 188 7 Km at US MELTON MOWBRAY SK771 192 47517980	C	B	b	RE2	C	C	m sd %ile n	1.55 0.84 2.61 36	0 06 0 13 0 13 36	102.0 19.31 77.28 36

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
WREAKE R	CONF. SCALFORD BK TO MELTON MOWBRAY STW SK758 188 to SK735 162 2.5 Km at US MELTON STW SK739 186 47515180	C	B	c	RE3	C	-	m sd %ile n	2.12 1.21 3.64 34	0.07 0.06 0.14 35	102.7 23.5 72.56 34
WREAKE R	MELTON MOWBRAY STW TO CONF. WELBY BK SK735 182 to SK716 189 3.5 Km at KIRBY BELLARS SK718 180 47514350	E	B up	c	RE3	C	-	m sd %ile n	2 0.83 3.08 36	0.24 0.38 0.54 36	92.28 13.31 75.22 36
WREAKE R	CONF. WELBY BK TO ASFORDBY STW OUTFALL SK716 189 to SK705 186 2 Km at ASFORDBY SK705 186 47513900	E	B up		RE3	C	-	m sd %ile n	2.05 1.19 3.54 36	0.19 0.28 0.42 36	91.67 13.1 74.88 36
WREAKE R	ASFORDBY STW TO FB NR. GABLES FM HOBY SK705 186 to SK674 174 4.5 Km at FRISBY SK686 178 47513300	E	B up	c	RE3	C	-	m sd %ile n	2.21 1.02 3.52 36	0.15 0.16 0.31 36	102.5 17.72 79.82 36
WREAKE R	FB NR GABLES FM TO QUENIBOROUGH BK SK674 174 to SK627 132 8 Km at RATCLIFFE ON WREAK SK631 141 47511900	O	B	b	RE3	C	C	m sd %ile n	2.09 0.95 3.33 36	0.07 0.06 0.14 36	96.31 11.63 81.42 35
WREAKE R	CONF. QUENIBOROUGH BK TO CONF. R. SOAR SK627 132 to SK596 127 4 Km at LEWIN BRIDGE SK622 129 47511500	C	C	c	RE3	C	C	m sd %ile n	2.83 2.09 5.3 46	0.22 0.17 0.42 45	91.8 20.51 65.52 45
SYSTON BK	HUNGARTON STW TO CONF. MINOR TRIB BEEBY SK688 061 to SK662 082 4.2 Km at BEEBY SK663 084 47555050	B	D		RE2	S	-	m sd %ile n	2.28 0.86 3.41 32	0.38 0.57 0.85 32	81.84 20.65 55.38 32
SYSTON BK	TRIB BEEBY TO CONF. R. WREAKE SK662 082 to SK611 120 8 Km at SYSTON SK618 118 47532180	O	B		RE2	C	-	m sd %ile n	2.26 1.15 3.72 29	0.03 0.04 0.07 29	105.2 20.54 78.85 29
QUENIBOROUGH BK	CONF. GADDESBY BK TO OLD QUENIBOROUGH STW SK643 131 to SK632 132 1.1 Km at US CONF. SK645 129 47588380	D	C	b	RE2	M	-	m sd %ile n	2.4 3.15 5.25 32	0.04 0.04 0.08 32	103.7 20.28 77.68 31
QUENIBOROUGH BK	OLD QUENIBOROUGH STW TO CONF. R. WREAKE SK632 132 to SK627 132 0.9 Km at RIVER WREAKE CONF. SK628 132 47588050	E	E	c	RE5	C	-	m sd %ile n	4.18 1.69 6.38 36	1.37 1.12 2.65 35	81.53 19.16 56.97 36
GADDESBY BK	OWSTON STW TO CONF. BURROUGH TRIB SK775 084 to SK737 094 4.2 Km at BURROUGH TRIB. AT L SK737 094 47601580	C	B	a	RE2	C	-	m sd %ile n	1.44 0.68 2.31 31	0.06 0.05 0.11 31	93.13 16.26 72.3 31
GADDESBY BK	CONF. BURROUGH TRIB TO GADDESBY TRIB SK737 094 to SK709 118 4 Km at TWYFORD SK728 102 47601380	B	B	c	RE2	C	C	m sd %ile n	2 1.43 3.71 31	0.07 0.14 0.16 32	96.74 16.02 76.22 31
GADDESBY BK	GADDESBY TRIB TO CONF. QUENIBOROUGH BK SK709 118 to SK643 131 6.9 Km at US CONF. SK645 131 47600050	B	C	a	RE2	M	C	m sd %ile n	2.34 2.64 4.97 31	0.04 0.06 0.09 31	107.1 27.19 72.22 31
TRIB TWO OF GADDESBY BK	THORPE SATCHVILLE STW TO GADDESBY BK SK731 109 to SK709 118 3 Km at DS THORPE SATCHVIL SK710 118 47534020	O	A		RE3	C	-	m sd %ile n	1.49 0.68 2.37 31	0.05 0.05 0.1 32	95.09 11.75 85.03 32
TRIB OF GADDESBY BK	BURROUGH-ON-THE-HILL STW TO GADDESBY BK SK759 105 to SK755 092 1.3 Km at DS BURROUGH STW SK759 960 47691150	O	B		RE3	C	-	m sd %ile n	1.7 1.66 3.46 31	0.08 0.17 0.17 31	96.94 9.48 84.79 31
SCALFORD BK	OLD SCALFORD STW OUTFALL TO CONF. R. EYE SK764 240 to SK758 188 6 Km at MELTON SK757 189 48045100	B	B	c	RE2	C	-	m sd %ile n	2.38 0.91 3.57 32	0.08 0.1 0.17 32	100.6 12.68 84.38 32
THORPE BK	WALTHAM STW TO FB NR. GOLDSMITH GRANGE SK793 255 to SK777 233 3 Km at CHADWELL SK784 244 48123095	O	B		RE2	C	-	m sd %ile n	2.07 0.72 3.01 32	0.11 0.16 0.25 32	93.44 10.98 79.36 32
THORPE BK	FB NR. GOLDSMITH GRANGE TO CONF. R. EYE SK777 233 to SK761 188 5 Km at MELTON SK762 192 48122380	B	B	a	RE2	C	-	m sd %ile n	1.92 0.84 3.01 32	0.07 0.09 0.16 32	96.84 13.54 79.49 32

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
BURTON BK	BURTON BRIDGE TO BURTON LAZARS STW SK773 160 to SK781 173 1.7 Km at US BURTON LAZARS S SK781 173 48189390	D	D	c	RE2	S	-	m sd %ile n	1.56 0.82 2.6 30	0.08 0.13 0.17 30	84.7 22.65 55.68 30
BURTON BK	BURTON LAZARS STW TO CONF. R EYE SK781 173 to SK778 181 0.5 Km at BURTON LAZARS SK780 178 48189100	D	E		RE4	M	-	m sd %ile n	2.05 1.53 3.85 32	0.14 0.17 0.3 32	88.22 31.59 47.74 32
LANGHAM BK	A606 RD BR LANGHAM TO LANGHAM STW SK841 109 to SK848 114 1 Km at US LANGHAM WRW SK846 114 48359880	E	B up	d	RE3	C	-	m sd %ile n	2.1 1.09 3.48 33	0.15 0.15 0.31 33	96.55 19.39 71.69 33
LANGHAM BK	LANGHAM STW OUTFALL TO CONF ASHWELL BK SK848 114 to SK866 146 7 Km at DS LANGHAM WRW SK867 118 48359455	E	C up	b	RE4	C	-	m sd %ile n	2.87 1.31 4.56 36	0.26 0.26 0.53 36	93.77 16.76 72.29 35
LANGHAM BK	CONF ASHWELL BK TO CONF R EYE SK866 146 to SK815 187 8.2 Km at US STAPLEFORD PARK SK825 171 48356850	C	C	b	RE2	M	-	m sd %ile n	1.96 2.01 4.05 36	0.07 0.09 0.15 36	87.89 14.64 69.12 36
WYMONDHAM BK	WYMDNDHAM STW TO CONF LANGHAM BK SK849 182 to SK825 174 3 Km at STAPLEFORD SK828 172 48370100	C	C	b	RE2	M	-	m sd %ile n	1.33 0.61 2.11 33	0.06 0.06 0.12 33	91.15 21.41 63.72 33
SOMERBY BK	PICKWELL STW TO CONF. WEST ARM SK787 114 to SK791 133 1.8 Km at D/S PICKWELL SK791 124 48404250	O	D		RE4	C	-	m sd %ile n	2.17 2.17 4.45 31	0.71 1.31 1.61 31	89.78 7.28 80.44 31
SOMERBY BK	FB SOMERBY TO CONF. EAST ARM SK776 112 to SK787 114 2.8 Km at SOMERBY BRIDGE SK789 133 48392820	O	B		RE3	C	-	m sd %ile n	1.67 0.89 2.8 31	0.14 0.17 0.29 31	94.68 7.79 84.69 31
SOMERBY BK	CONF. OF E & W TRIBS TO CONF. LANGHAM BK SK787 114 to SK827 169 6 Km at WHISSENDINE RD BRID SK815 163 48392200	O	C	c	RE2	M	-	m sd %ile n	1.95 1.58 3.76 31	0.05 0.06 0.11 31	90.16 16.9 68.51 31
WHISSENDINE BK	COLD OVERTON STW TO DS COLD OVERTON SK807 105 to SK814 115 1 Km at DS COLD OVERTON SK8140 1150 48426580	O	C		RE3	C	-	m sd %ile n	2.64 1.43 4.45 29	0.14 0.1 0.25 29	90.35 7.72 80.46 29
WHISSENDINE BK	DS COLD OVERTON TO CONF. LANGHAM BK SK814 115 to SK827 169 7 Km at U/S LANGHAM BK SK834 167 48426050	C	C	b	RE2	M	-	m sd %ile n	1.85 0.97 3.08 31	0.06 0.08 0.13 31	92.94 20.27 66.96 31
ASHWELL BK	RD BR AT ASHWELL TO CONF. LANGHAM BK SK864 137 to SK866 146 1.1 Km at US LANGHAM BROOK SK866 146 48503020	O	C		RE3	C	-	m sd %ile n	2.37 3.51 5.28 31	0.08 0.09 0.17 31	87.81 11.24 73.41 31
MELTON BK	FB AT KEYHAM TO TRIB FROM SCRAPTOFT SK668 062 to SK639 077 3.8 Km at HAMILTON SK644 075 48646900	O	C	b	RE2	M	-	m sd %ile n	2.06 1.01 3.35 31	0.11 0.18 0.26 31	90.36 17.71 67.66 31
MELTON BK	TRIB FROM SCRAPTOFT TO CONF. R. SOAR SK639 077 to SK597 078 4.8 Km at BELGRAVE SK601 074 48646180	E	C	E	RE4	C	-	m sd %ile n	2.21 1.31 3.84 32	0.11 0.13 0.23 32	93.31 23.6 63.07 32
WILLOW BK	HOUGHTON STW TO HUMBERSTONE FB SK669 034 to SK638 048 4.8 Km at FB HUMBERSTONE SK6375 0485 48705170	O	C	d	RE2	M	-	m sd %ile n	2.1 1.68 4.03 32	0.09 0.27 0.2 32	109 22.69 79.9 31
WILLOW BK	HUMBERSTONE FB TO CONF. LEICS CANAL SK638 048 to SK591 057 11.2 Km at SOAR CONF SK591 058 48704100	D	C		RE4	S	-	m sd %ile n	3.06 0.98 4.35 32	0.12 0.37 0.27 32	115.4 21.61 87.74 32
EVINGTON BK	OLD STOUGHTON STW TO CONF. WILLOW BK SK635 028 to SK608 049 5.5 Km at SPIN HILL PK SK606 045 48716220	O	D	d	RE3	M	-	m sd %ile n	3.88 2.83 7.23 32	0.2 0.29 0.43 32	101.5 18.06 78.38 32
LUBBESTHORPE BK	TRIB BRAUNSTONE TO CONF. R. SOAR SK552 014 to SK564 007 1.2 Km at A46 CULVERT SK577 077 48827980	E	C up	e	RE3	C	-	m sd %ile n	2.37 1.48 4.2 35	0.06 0.08 0.13 36	99.94 18.69 76 36

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
BRAUNSTONE TRIB.	BRAUNSTONE TO CONF. LUBBESTHORPE BK SK551 019 to SK552 014 1 Km at US LUBBESTHORPE BK SK553 014 48865100	O	C		RE5	C	-	m sd %ile n	2.34 1.62 4.29 26	0.06 0.08 0.14 27	111.3 31.07 71.48 27
WASH BK	OADBY STW OUTFALL TO CULVERT EXIT A50 SK614 001 to SK598 009 2.5 Km at KNIGHTON SK600 012 48883750	O	D		RE4	C	-	m sd %ile n	4.76 2.03 7.39 33	0.14 0.19 0.31 34	98.82 12.08 83.34 34
WASH BK	CULVERT EXIT NR A50 TO CONF R SOAR SK598 009 to SK577 024 2 Km at GAS WORKS SK581 022 48883180	D	C	e	RE4	C	-	m sd %ile n	3.51 1.54 5.5 33	0.16 0.16 0.33 34	89.82 7.05 80.79 34
SENCE R	BILLESDON BR TO RD BR NR GAULBY SK720 027 to SK693 029 3.5 Km at DS BILLESDON SK693 029 48942750	B	B	c	RE3	C	C	m sd %ile n	1.39 0.84 2.44 35	0.06 0.08 0.13 35	95.8 15.05 76.51 35
SENCE R	RD BR GAULBY TO CONF BURTON BK SK693 029 to SP653 974 8.5 Km at GREAT GLEN SP655 980 48941980	C	B	b	RE3	C	C	m sd %ile n	1.87 0.78 2.89 35	0.12 0.17 0.27 35	91.35 15.71 71.22 34
SENCE R	BURTON BK TO WAIN BR N HARCOURT SP653 974 to SP635 965 4.5 Km at NEWTON HARCOURT SP635 965 48940950	C	B up	b	RE3	C	C	m sd %ile n	2.08 0.82 3.15 34	0.09 0.14 0.2 34	98.41 12.17 82.82 34
SENCE R	WAIN BR NEWTON HARCOURT TO WIGSTON STW SP635 965 to SP594 971 8 Km at KILBY BRIDGE SP610 967 48940560	O	B	b	RE3	C	C	m sd %ile n	1.89 1.13 3.29 36	0.06 0.12 0.14 36	102.9 22.92 73.51 36
SENCE R	WIGSTON STW OUTFALL TO FORD AT BLABY SP594 971 to SP575 981 3 Km at WIGSTON SP598 977 48939750	E	E	d	RE4	S	-	m sd %ile n	5.21 4.69 10.4 35	0.61 1.23 1.39 35	88.29 10.57 64.49 35
SENCE R	FORD AT BLABY TO CONF. R. SOAR SP575 981 to SP552 985 2.5 Km at SENCE SOAR CONF. SP552 984 48939020	E	C up	d	RE4	C	-	m sd %ile n	3.33 1.26 4.97 36	0.45 0.56 0.97 36	88.33 20.78 61.7 36
COUNTESTHORPE BK	ARNESBY STW TO CONF. PEATLING PARVA SP607 916 to SP601 925 1.5 Km at ARNESBY ROAD SP6090 9150 48976680	O	D	c	RE4	C	-	m sd %ile n	2.05 1.29 3.64 36	0.1 0.18 0.23 36	93.78 26.71 59.55 36
COUNTESTHORPE BK	PEATLING PARVA TO COUNTESTHORPE STW SP601 925 to SP593 967 5 Km at COUNTESTHORPE SP594 958 48976180	E	C	B	RE2	M	-	m sd %ile n	1.67 0.81 2.71 32	0.05 0.04 0.09 32	99.75 25.31 67.31 32
COUNTESTHORPE BK	COUNTESTHORPE STW TO CONF R. SENCE SP593 967 to SP594 971 0.5 Km at RIVER SENSE CONF. SP594 971 48976020	E	D	C	RE3	S	-	m sd %ile n	2.47 1.02 3.79 30	0.33 0.59 0.75 30	81 23.04 51.47 30
TRIB NEWTON HARCOURT	GORSE SPINNEY TO CONF R. SENCE SP633 977 to SP614 966 2.5 Km at NEWTON LANE SP631 972 49065200	O	C		RE2	S	-	m sd %ile n	1.27 0.69 2.14 27	0.04 0.04 0.08 27	84.96 17.49 62.55 27
FLECKNEY BK	FLECKNEY STW OUTFALL TO CONF. R. SENCE SP658 947 to SP652 956 1.5 Km at DS FLECK STW SP659 958 49099020	F	E	d	RE4	S	-	m sd %ile n	3.15 1.24 4.77 35	0.73 0.69 1.48 35	60.98 22.97 31.54 35
BURTON BK	GAULBY STW OUTFALL TO GREAT GLEN SK698 008 to SP664 975 4.6 Km at BURTON OVERY SP674 981 49121405	C	B		RE2	C	-	m sd %ile n	1.37 0.81 2.39 32	0.05 0.04 0.09 32	91.87 13.58 74.47 32
BURTON BK	GREAT GLEN TO CONF. R. SENCE SP664 975 to SP653 974 0.8 Km at BURTON BK, GREAT GL SP656 975 49121100	E	E	d	RE4	M	-	m sd %ile n	3.6 1.48 5.53 36	1.46 1.3 2.91 36	78.31 18.06 55.16 36
WHETSTONE BK	NARBOROUGH STW TO CONF. R. SOAR SP551 972 to SP548 973 0.5 Km at SOAR CONF SP548 973 49155050	O	C		RE4	C	-	m sd %ile n	2.64 2.18 5.13 32	0.09 0.14 0.21 32	110.8 28.19 74.62 32
ENDERBY BK	ENDERBY STW TO CONF. R. SOAR SP525 985 to SP527 972 1.5 Km at CONF RIVER SOAR SP526 973 49210000	O	B	d	RE3	C	-	m sd %ile n	1.29 1.2 2.6 30	0.09 0.23 0.2 30	98.27 5.07 91.77 30

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
THURLASTON BK	CONF NORMANTON BK TO CONF. R SOAR SP495 970 to SP522 963 4 Km at HUNCOTE SP515 973 49221140	C	B	c	RE3	C	C	m sd %ile n	2.35 0.86 3.47 34	0.11 0.16 0.25 34	105.0 19.71 79.78 34
NORMANTON BK	NEWBOLD VERDON STW TO NORMANTON PK BR SK440 030 to SP491 988 12 Km at DS NEWBOLD VERDON SK434 008 49223680	C	C	c	RE4	C	-	m sd %ile n	2.02 0.93 3.22 30	0.22 0.33 0.48 30	86.07 17.85 63.18 30
NORMANTON BK	NORMANTON PK BR TO THURLASTON BK SP491 988 to SP495 970 2 Km at US THURLASTON BK SP495 970 49222010	O	B		RE2	C	-	m sd %ile n	2.04 0.72 2.99 33	0.08 0.04 0.13 33	90.52 12.71 74.22 33
EARL SHILTON BK	EARL SHILTON STW TO THURLASTON BK SP475 973 to SP489 966 1.6 Km at CONF THURLASTON BK SP489 966 49258050	O	C		RE4	C	-	m sd %ile n	3.39 1.11 4.85 34	0.43 0.57 0.95 34	90.53 19.36 65.72 34
BROUGHTON ASTLEY BK	BROUGHTON ASTLEY STW TO CONF R SOAR SP524 948 to SP520 962 2.3 Km at SOAR CONFLUENCE SP320 958 49401050	C	C	c	RE4	C	-	m sd %ile n	3.25 1.73 5.44 30	0.46 0.58 1 30	94.03 9.91 81.34 30
SOAR BK	BURBAGE TO CONF. R SOAR SP457 930 to SP487 919 6.9 Km at SHARNFORD SP4890 9210 46266780	C	B	c	RE3	C	-	m sd %ile n	1.84 1.17 3.27 24	0.05 0.09 0.1 24	98.46 13.92 80.62 24
DERWENT R	FB ABOVE HOWDEN RES. TO YORKSHIRE BR SK169 951 to SK198 849 11 Km at YORKSHIRE BRIDGE SK198 849 49712380	A	A	B	RE1	C	S	m sd %ile n	1.26 0.42 1.81 35	0.03 0.03 0.07 36	95.31 6.14 84.88 36
DERWENT R	YORKSHIRE BRIDGE TO HATHERSAGE BR SK198 849 to SK233 806 7 Km at HATHERSAGE RD BR SK233 806 49710500	B	B	B	RE1	M	S	m sd %ile n	1.71 0.65 2.55 36	0.05 0.13 0.11 36	97.61 5.88 90.08 36
DERWENT R	HATHERSAGE BR TO GRINDLEFORD BR. SK233 806 to SK245 778 3 Km at GRINDLEFORD SK245 778 49709870	O	A	B	RE1	C	S	m sd %ile n	1.53 0.49 2.17 36	0.04 0.05 0.09 36	97.91 6.13 90.06 36
DERWENT R	GRINDLEFORD BR. TO CONF. WITH R. WYE SK245 778 to SK260 655 14.5 Km at BASLOW DEVONSHIRE SK252 722 49708100	B	A	A	RE1	C	S	m sd %ile n	1.43 0.48 2.06 35	0.04 0.03 0.07 36	97.8 5.42 90.86 36
DERWENT R	CONF. WITH R. WYE TO MATLOCK STW O/F SK260 655 to SK316 557 15.9 Km at MATLOCK BATH SK296 558 49704500	B	A up	a	RE1	C	S	m sd %ile n	1.57 0.44 2.15 36	0.04 0.02 0.06 36	98.5 8.61 87.47 36
DERWENT R	MATLOCK STW O/F TO CONF. WITH R. AMBER SK316 557 to SK346 514 6.2 Km at WHATSTANDWELL SK331 543 49703460	B	B	A	RE2	C	S	m sd %ile n	1.73 0.73 2.68 71	0.08 0.04 0.13 72	97.89 9.43 85.8 72
DERWENT R	CONF. WITH R. AMBER TO BELPER STW SK346 514 to SK345 467 5.5 Km at BELPER MILL SK343 479 49701620	B	A	B	RE2	C	C	m sd %ile n	1.61 0.67 2.48 36	0.12 0.06 0.2 36	96.56 10.89 82.59 36
DERWENT R	BELPER STW OUTFALL TO A6 RD BR MILFORD SK345 467 to SK351 451 2 Km at MILFORD SK351 451 49700000	B	B		RE2	C	C	m sd %ile n	1.78 0.56 2.52 27	0.15 0.08 0.25 27	92.96 11.52 74.19 27
DERWENT R	A6 MILFORD TO A38 ALLESTREE SK351 451 to SK359 399 14.3 Km at ALLESTREE FORD SK359 402 49698650	B	B	B	RE2	C	C	m sd %ile n	1.88 0.9 3.03 37	0.12 0.09 0.23 37	97.8 11.54 83.02 36
DERWENT R	A38 ALLESTREE TO ST. MARY'S BR DERBY SK359 399 to SK354 367 6 Km at ST MARYS BR DERBY SK354 367 49697380	B	B		RE2	C	C	m sd %ile n	1.79 0.7 2.71 67	0.13 0.08 0.23 68	94.57 8.08 84.21 65
DERWENT R	ST. MARY'S BR DERBY TO DERBY STW SK354 367 to SK393 345 7.6 Km at RAYNESWAY SK384 343 49695250	B	B	B	RE2	C	C	m sd %ile n	2.02 1.06 3.36 34	0.15 0.11 0.27 35	100.9 14.55 82.21 35
DERWENT R	DERBY STW TO 'D' CUT WEIR SK393 345 to SK404 339 4 Km at COURTALDS BR SK398 344 49694100	D	D		RE4	C	C	m sd %ile n	4.24 1.24 5.88 33	0.93 0.62 1.69 34	87.58 11.03 73.44 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
DERWENT R	'D' CUT WEIR TO B5010 RD BRIDGE SK404 339 to SK415 339 3 Km at SPONDON IRON BR SK405 343 49692980	C	C		RE3	S	C	m sd %ile n	2.34 0.7 3.27 50	0.35 0.27 0.67 52	87.02 8.32 76.36 43
DERWENT R	B5010 RD BRIDGE TO OCKBROOK CONFLUENCE SK415 339 to SK422 338 1 Km at BORROWASH SK415 339 49692250	C	C	C	RE3	S	C	m sd %ile n	2.68 0.95 3.93 34	0.46 0.35 0.87 35	94.34 8.09 83.97 35
DERWENT R	OCKBROOK CONF. TO CONF. WITH R. TRENT SK422 338 to SK458 308 10 Km at WILNE SK452 314 49690300	C	D	C	RE3	M	C	m sd %ile n	2.52 1.2 4.06 94	0.24 0.14 0.42 95	93.32 28.81 56.41 97
MARKEATON BK	MERCASTON GREEN TO CUTLER BK KEDLESTON SK268 430 to SK305 412 4.9 Km at KEDLESTON SK305 412 50016050	B	B		RE2	C	-	m sd %ile n	1.95 1.18 3.42 37	0.11 0.1 0.22 37	92.65 6.57 84.23 37
MARKEATON BK	CUTLER BK KEDLESTON TO FORD ST DERBY SK305 412 to SK344 366 6.5 Km at MARKEATON SK333 381 50014900	B	B	c	RE2	C	-	m sd %ile n	2.14 0.91 3.31 33	0.07 0.08 0.15 33	95.25 8.72 84.08 32
MARKEATON BK	FORD ST DERBY TO CONF. WITH R DERWENT SK344 366 to SK354 364 1.5 Km at STATION APPROACH SK349 363 50013180	B	C	b	RE3	C	-	m sd %ile n	2.55 1.26 4.16 35	0.21 0.64 0.46 35	92.15 8.88 80.76 35
MACKWORTH BK	A52 KIRK LANGLEY TO FORD AT HOME FM SK285 391 to SK312 383 3 Km at KIRK LANGLEY SK289 390 50039700	D	C	e	RE2	M	-	m sd %ile n	2.29 1.58 4.2 29	0.37 0.62 0.84 29	83.75 14.52 65.14 28
MACKWORTH BK	FORD AT HOME FARM TO CONF. MARKEATON BK SK312 383 to SK333 377 2.7 Km at MARKEATON SK332 379 50039050	C	B	b	RE2	C	-	m sd %ile n	2.09 1.06 3.44 32	0.13 0.26 0.31 32	89.69 11.28 75.23 32
BOTTLE BK	FB AT GREENHILLOCKS TO MAREHAY STW SK402 490 to SK398 482 1 Km at LUMB FARM SK400 485 50306820	E	C	d	RE2	M	-	m sd %ile n	2.09 1.99 4.24 34	0.09 0.09 0.19 34	93.41 6.69 84.84 34
BOTTLE BK	MAREHAY STW OUTFALL TO US DENBY POTTERY SK398 482 to SK390 474 1.2 Km at US DENBY POTTERY SK392 475 50306265	E	D	f	RE5	C	-	m sd %ile n	4.58 2.35 7.57 33	0.39 0.42 0.82 34	86.94 9.84 74.34 36
BOTTLE BK	US DENBY POTTERY TO KILBURN TOLL BARR SK390 474 to SK378 463 1.9 Km at KILBURN TOLL BR SK378 462 50305850	C	D	d	RE4	C	-	m sd %ile n	3.41 3.64 7.14 34	0.2 0.43 0.46 34	94.59 12.02 79.19 37
BOTTLE BK	KILBURN TOLL BARR TO KILBURN STW OUTFALL SK378 463 to SK374 449 1.7 Km at US KILBURN WRW SK373 453 50305300	C	C	c	RE3	C	-	m sd %ile n	2.94 1.53 4.69 34	0.14 0.14 0.29 34	96.44 13.06 79.7 34
BOTTLE BK	KILBURN STW TO CONF. PARK BK SK374 449 to SK372 435 3.3 Km at COXBENCH SK371 432 50304820	D	D	e	RE3	M	-	m sd %ile n	3.71 3.11 7.24 34	0.37 0.44 0.8 34	88.03 10.76 74.24 34
BOTTLE BK	CONF. PARK BK TO CONF. R. DERWENT SK372 435 to SK359 407 3.1 Km at QUEENS HEAD SK363 412 50304300	D	C	c	RE2	S	-	m sd %ile n	3.03 2.41 5.82 33	0.23 0.3 0.51 34	94.15 10.76 80.36 34
ECCLESBOURNE R	B5023 MILLERS GREEN TO WIRKSWORTH STW SK284 527 to SK284 521 1 Km at HARRLEM MILL SK284 526 50584150	C	C	E	RE2	M	S	m sd %ile n	2 1.82 4 35	0.12 0.08 0.22 35	87.6 9.66 75.22 35
ECCLESBOURNE R	WIRKSWORTH STW TO BATEMAN BR SK284 521 to SK285 512 1.1 Km at ALTON MANOR,BATEM SK285 512 50584550	C	C	C	RE2	M	S	m sd %ile n	2.34 0.98 3.61 35	0.28 0.38 0.61 35	86.97 11.21 72.6 35
ECCLESBOURNE R	BATEMAN BR TO WEIR AT PUSS IN BOOTS SK285 512 to SK319 446 8.8 Km at PUSS IN BOOTS SK319 447 50582630	D	C	A	RE2	M	S	m sd %ile n	2.49 3.97 5.59 35	0.11 0.13 0.23 35	88.62 16.3 67.73 34
ECCLESBOURNE R	WEIR AT PUSS IN BOOTS TO R. DERWENT SK319 446 to SK350 431 5.3 Km at DUFFIELD SK345 434 50582300	C	B	B	RE1	S	S	m sd %ile n	1.96 0.63 2.8 35	0.08 0.07 0.16 35	93.66 18.06 70.51 35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
AMBER R	CONF SMALLEY BK TO OGSTON RES OUTFALL SK333 638 to SK379 598 7 6 Km at DALEBANK SK360 616 50901140	C	A up	b	RE1	C	S	m sd %ile n	1 49 0 59 2 26 33	0 05 0 04 0 09 33	95 69 9 63 83 34 32
AMBER R	OGSTON RES. OUTFALL TO CONF. PRESS BK SK379 598 to SK384 597 0.7 Km at OGSTON SK383 596 50900410	B	B	c	RE1	S	S	m sd %ile n	1.81 0 84 2.9 34	0 11 0 08 0.21 34	93 65 8 41 82.87 37
AMBER R	PRESS BK TO CONF. ALFRETON BK SK384 597 to SK387 565 3 4 Km at AMBERMILL SHIRLAND SK387 567 50899450	C	C	b	RE2	M	S	m sd %ile n	2 14 1 58 4 02 66	0 12 0 25 0 25 66	97.92 9 25 86 07 66
AMBER R	CONF ALFRETON BK TO WEIR MILL BR SK387 565 to SK379 536 4 4 Km at S WINGFIELD SK382 557 50897770	D	D	c	RE2	S	-	m sd %ile n	2 98 1 52 4 92 35	0 93 1 6 2 11 35	93 37 16 25 72 54 35
AMBER R	WEIR MILL BR TO CONF HARTSHAY BK SK379 536 to SK375 519 2 5 Km at BUCKLAND HOLLOW SK376 520 50896620	C	C	c	RE2	S	-	m sd %ile n	2 59 2 73 5 4 36	0 42 0 59 0 93 37	93 38 11 04 79 23 40
AMBER R	HARTSHAY BK TO A610(T) RD BR RIDGEWAY SK375 519 to SK357 518 2 3 Km at BULL BRIDGE SK358 522 50896350	D	C	c	RE2	M	-	m sd %ile n	2 43 1 07 3 82 35	0 37 0 4 0 77 35	92 06 10 6 78 48 35
AMBER R	A610(T) RD BR RIDGEWAY TO R DERWENT SK357 518 to SK346 514 1.5 Km at AMBERGATE SK348 517 50896050	C	D	c	RE2	S	-	m sd %ile n	3.19 2 66 6 21 70	0 73 0 69 1 48 70	92.37 8.57 81.38 68
HEAGE BK	RD BR NETHER HEAGE TO R. AMBER SK364 506 to SK357 516 2 Km at AMBERGATE SK357 517 50913020	C	C		RE3	C	-	m sd %ile n	2 53 1.21 4 08 35	0 26 0.17 0 47 35	91.8 9.98 79 02 35
HARTSHAY BK	BUTTERLEY RES TO A610 RD CULVERT SK397 519 to SK388 515 1.3 Km at ASHER LANE SK394 518 50936470	D	D	e	RE4	C	-	m sd %ile n	4 66 1.43 6 54 35	0 66 0 81 1 42 35	89 45 8.54 78.51 35
HARTSHAY BK	A610 RD CULVERT TO MINOR RD L. HARTSHAY SK388 515 to SK380 513 1 Km at LOWER HARTSHAY SK385 515 50936350	D	E	d	RE4	S	-	m sd %ile n	4 86 3.34 8 9 36	0.69 1.09 1.55 36	94.16 11.42 79.52 36
HARTSHAY BK	LOWER HARTSHAY TO CONF. WITH R. AMBER SK380 513 to SK375 519 0.9 Km at BUCKLAND HOLLOW SK376 518 50936250	F	E	d	RE4	S	-	m sd %ile n	5 44 3.59 9 81 73	0.53 0 49 1.07 73	85.1 14 37 66 68 72
ALFRETON BK	RAIL BR HUTHWAITE TO FORD BR LANE SK462 581 to SK440 576 2.3 Km at FORD BR LANE SK440 576 51214395	E	D	c	RE3	M	-	m sd %ile n	3.17 2.13 5.75 35	0 81 0.89 1.71 35	90.83 7.43 81.31 35
ALFRETON BK	FORD BR LANE TO PARKMILL DR. SK440 576 to SK423 573 1.6 Km at PARKMILL DRIVE SK423 573 51214030	D	D	c	RE3	S	-	m sd %ile n	2.28 2.24 4.66 35	0.79 0 42 1.32 35	100 6 16 13 79 88 38
ALFRETON BK	PARK MILL DR. TO ALFRETON STW OUTFALL SK423 573 to SK413 569 1.4 Km at US ALFRETON STW SK412 568 51113520	-	-	c	RE3	-	-	m sd %ile n			
ALFRETON BK	PARKMILL DRIVE TO A61 ROADBRIDGE DS ALFR SK423 573 to SK408 566 1.8 Km at A61 ROAD BRIDGE, ALF SK408 566 51113480	E	D	c	RE3	S	-	m sd %ile n	3 03 1.83 5.3 35	1.1 0 92 2.14 35	89 56 17 61 66.99 34
ALFRETON BK	A61 RD BRIDGE TO CONF. R. AMBER SK408 566 to SK387 565 2.6 Km at TOADHOLE FURNACE SK389 567 51113100	E	D	c	RE3	S	-	m sd %ile n	3.14 1.82 5 41 66	0.88 1 1.88 66	98 67 26.77 64 36 66
BLACKWELL BK	B6026 RD BR NEWTON TO WESTWOOD BK SK438 599 to SK419 586 2.9 Km at B6025 ROAD BR SK423 586 51170050	C	C		RE5	C	-	m sd %ile n	2.36 2.69 5 01 26	0.14 0.38 0 32 27	90 54 6.9 81.69 26
WESTWOOD BK	BR NR NETHEMOOR TO RAILWAY CULVERT SK425 607 to SK419 603 0.7 Km at US MORTON MWTR SK419 603 51147980	B	C down		RE2	S	-	m sd %ile n	2.77 2.33 5 42 31	0.28 0.29 0.57 31	90 52 8.17 80 04 31

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
WESTWOOD BK	RAILWAY CULVERT TO BLACKWELL BK SK419 603 to SK419 585 1.8 Km at US WESTWD BK STW SK418 599 51147750	D	C	c	RE3	S	-	m sd %ile n	1.57 1.14 2.92 34	0 61 0 42 1.12 34	94.3 8 64 83 24 36
WESTWOOD BK	BLACKWELL BK TO CONF. WITH ALFRETON BK SK419 586 to SK420 572 1.5 Km at WESTHOUSES SK420 574 51147050	C	C	c	RE3	C	-	m sd %ile n	2.91 2.5 5.73 35	0 28 0 27 0 57 35	91.6 8 59 80 6 35
PRESS BK	PRESS LANE BR ALTON TO CLAYCROSS STW SK370 643 to SK389 629 2 5 Km at US CLAYCROSS STW SK389 629 51314620	B	B		RE2	C	-	m sd %ile n	2.08 1 15 3.53 36	0 12 0 27 0 27 37	94 16 8 96 82 69 37
PRESS BK	CLAYCROSS STW TO B6014 RD BR STRETTON SK389 629 to SK388 614 1 5 Km at STRETTON SK388 614 51314420	C	D	d	RE2	S	-	m sd %ile n	3 84 1 71 6 05 35	0 3 0 35 0 65 36	90 94 8 62 79 9 36
PRESS BK	B6014 RD BR STRETTON TO R AMBER SK388 614 to SK384 597 2 Km at OGSTON SK384 597 51314020	C	C	c	RE2	S	-	m sd %ile n	2 69 2 31 5.29 34	0 16 0 27 0.37 34	93 03 9 15 81 3 32
BENTLEY BK	MATLOCK MOOR TO CONF. TRIB DRABBLE SK309 628 to SK311 601 3 Km at US CONF TRIB DRABBL SK312 601 51546420	O	B	b	RE1	S	-	m sd %ile n	1.87 1.74 3 77 36	0 04 0 02 0 06 36	95 75 9 66 83 37 36
BENTLEY BK	CONF. TRIB DRABBLE TO A615 MATLOCK SK311 601 to SK305 597 0 8 Km at DS CONF TRIB DRABBL SK311 601 51546300	O	C	f	RE4	S	-	m sd %ile n	2.72 1.86 4.96 36	0 47 0.38 0 9 36	93.79 8 51 82 89 39
BENTLEY BK	A615 MATLOCK TO CONF. WITH R. DERWENT SK305 597 to SK300 598 0.6 Km at MATLOCK SK301 598 51546180	D	C	c	RE3	S	-	m sd %ile n	3.18 1.71 5.34 36	0.52 0 32 0.92 36	94.39 8 68 83 26 36
WYE R	BR AT ASHWOOD PK BUXTON TO BUXTON STW SK052 733 to SK081 725 3.7 Km at ASHWOOD PK BUX SK063 735 51706250	B	B	C	RE2	C	S	m sd %ile n	1.94 1.56 3.73 68	0 09 0.12 0.19 70	94 6 7.69 84.75 69
WYE R	BUXTON STW OUTFALL TO ASHWOOD QUARRY SK081 725 to SK085 725 0.5 Km at ASHWOOD QUARRY SK085 725 51705550	D	D	d	RE3	M	S	m sd %ile n	3.53 2.53 6.55 36	0 49 1.02 1.12 37	88 66 7.69 78.8 35
WYE R	ASHWOOD QUARRY TO KINGSTERNDALE SK085 725 to SK093 724 1.1 Km at KINGSTERNDALE SK093 724 51705250	C	D	d	RE3	M	S	m sd %ile n	3.06 2.85 6.17 34	0 23 0 29 0 5 35	93.03 8 49 82.14 35
WYE R	RD BR KINGSTERNDALE TO TOPLEY PIKE SK093 724 to SK1040 7250 0 4 Km at TOPLEY PIKE SK098 725 51705100	D	D		RE2	S	S	m sd %ile n	2.85 3.67 6.21 37	0.17 0 43 0 39 38	94 2 9 83 81.6 40
WYE R	TOPLEY PIKE TO A6 RD BR SHACKLOW WDS SK1040 7250 to SK179 698 14 3 Km at MILLERS DALE SK137 731 51704300	A	B	d	RE2	C	S	m sd %ile n	1.91 1.59 3.72 34	0.03 0 06 0 08 35	99 6 7.71 89.72 35
WYE R	A6 RD BR SHACKLOW WOODS TO ROWSLEY SK179 698 to SK257 656 17 Km at ASHFORD SK194 690 51702850	A	B	a	RE1	M	S	m sd %ile n	1.62 1.33 3 14 34	0.03 0 02 0 05 35	103 2 9.75 90 68 35
WYE R	ROWSLEY TO CONF. WITH R. DERWENT SK257 656 to SK259 654 0.5 Km at ROWSLEY SK257 656 51700150	B	A up	c	RE1	C	S	m sd %ile n	1.57 0 44 2.15 35	0 03 0 02 0 06 35	98.92 7.28 89.58 35
LATHKILL R	FB AT CALES DALE TO MINOR RD BR ALPORT SK175 654 to SK220 646 5.5 Km at ALPORT SK209 660 51729450	C	A up		RE1	C	S	m sd %ile n	1.23 0 45 1.82 35	0.03 0 08 0 08 36	97 7.42 87.49 36
LATHKILL R	MINOR RD BR ALPORT TO CONF. WITH R. WYE SK220 646 to SK242 657 2.3 Km at CONGREAVE SK242 657 51729020	A	A	b	RE1	C	S	m sd %ile n	1.44 0 54 2.14 27	0 02 0.01 0 04 27	94.15 9 26 82.28 27
BRADFORD R	FORD GRATTON FM TO CONF. R LATHKILL SK209 616 to SK220 644 5 3 Km at ALPORT SK219 644 51774050	B	A	a	RE1	C	S	m sd %ile n	1.5 0 63 2.31 29	0 03 0 02 0 05 29	93.69 8 05 83.37 29

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
BAR BK	CONF. BLAKE BK TO CONF. R DERWENT SK278 740 to SK255 711 4.3 Km at BASLOW SK260 722 52219100	A	A	A	RE1	C	-	m sd %ile n	1.37 0.63 2.18 31	0.06 0.09 0.14 32	95.16 6.71 86.56 32
STOKE BK	STONEY MIDDLETON TO CONF. R. DERWENT SK229 755 to SK243 753 1.5 Km at STONEY M'TON CALVE SK238 753 52396150	B	A up	D	RE3	C	-	m sd %ile n	1.17 0.51 1.83 37	0.02 0.01 0.03 37	96.17 8.22 85.63 36
NOE R	TRACK BR AT EDALE TO PEAKSHOLE WATER SK123 851 to SK175 832 9.5 Km at HOPE SK175 834 52762850	B	A	C	RE1	C	S	m sd %ile n	1.48 0.56 2.22 34	0.04 0.04 0.08 35	95.29 8.78 84.04 35
NOE R	PEAKSHOLE WATER TO CONF. R DERWENT SK175 832 to SK204 825 3 Km at SHATTON SK203 826 52762070	B	A	B	RE1	M	S	m sd %ile n	1.72 0.56 2.46 34	0.06 0.05 0.12 35	93.42 8.96 81.93 36
PEAKSHOLE WATER	RD BR CASTLETON TO CONF WITH R NOE SK150 832 to SK175 832 3 Km at HOPE SK172 833 52821150	A	A	C	RE1	C	-	m sd %ile n	1.49 0.73 2.42 32	0.04 0.04 0.08 33	94.33 8.55 80.38 33
ASHOP R	SNAKE RD BR TO CONF. R. ALPORT SK100 928 to SK141 895 6.3 Km at ASHOP SK140 894 53185500	O	A	c	RE1	M	-	m sd %ile n	1.1 0.51 1.76 27	0.04 0.04 0.08 28	95.89 9.2 84.11 28
ASHOP R	CONF. R ALPORT TO CONF. R DERWENT SK141 895 to SK164 878 3.3 Km at ABOVE LADY B RES. SK164 878 53185100	O	A		RE1	C	-	m sd %ile n	1.24 0.61 2.03 35	0.02 0.02 0.05 36	96.58 7.2 87.36 36
ALPORT R	CONF. TRIB TO CONF. R ALPORT SK124 926 to SK141 895 4.3 Km at US RIVER ASHOP SK141 897 53209040	O	A	e	RE1	S	-	m sd %ile n	1.22 0.5 1.87 27	0.02 0.01 0.04 28	95.78 6.25 87.77 28
RAMSLEY BK	CONF TRIB FROM NEWBOLD TO CONF R.TRENT SK410 188 to SK393 272 10.4 Km at KINGS NEWTON SK393 265 53771095	O	B	d	RE3	C	-	m sd %ile n	2.05 0.99 3.32 31	0.12 0.19 0.28 31	89.55 7.27 80.24 31
CARR/NEW BK	STAUNTON HAROLD O/L TO MELBOURNE POOL SK380 242 to SK391 247 1.3 Km at US MELBOURNE POOL SK3831 2438 53784688	E	A up	c	RE4	C	-	m sd %ile n	1.71 0.53 2.41 24	0.09 0.11 0.2 24	105.5 19.13 80.95 36
CARR/NEW BK	MELBOURNE POOL TO MELBOURNE STW SK391 247 to SK391 254 0.7 Km at DS MELBOURNE HALL SK391 247 53784300	E	D		RE4	M	-	m sd %ile n	4 2.66 7.24 33	0.06 0.08 0.13 33	102.8 13.3 85.78 33
CARR/NEW BK	MELBOURNE STW TO CONF RAMSLEY BK SK391 254 to SK397 260 1.1 Km at DS MELBOURNE STW SK396 260 53784050	E	C up	d	RE4	C	-	m sd %ile n	2.84 1.35 4.58 33	0.55 0.46 1.08 33	79.75 15.13 60.36 36
STAUNTON HAROLD BK	OLD PARKS TO STAUNTON HAROLD RES SK365 188 to SK376 218 3.5 Km at INLET TO STAUNTON H SK377 217 53785450	E	B up	b	RE2	C	-	m sd %ile n	2.08 0.9 3.24 37	0.07 0.07 0.14 37	94.81 10.66 81.15 37
SCOTS(TICKNALL) BK	SERPENTINE WOOD TO STANTON H. RES SK361 236 to SK367 238 0.5 Km at INLET TO STAUNTON H SK367 238 53808080	D	C	d	RE4	C	-	m sd %ile n	3.42 1.98 5.89 36	0.18 0.28 0.39 36	85.28 11.78 70.19 36
HEATH END BK	HEATHEND PLANT'N TO STAUNTON HAROLD RES SK363 218 to SK376 218 1.8 Km at INLET TO STAUNTON H SK376 218 53830020	O	D	b	RE2	S	-	m sd %ile n	3.15 1.76 5.37 37	0.1 0.09 0.21 37	102.0 33.71 58.82 37
CUTTLE BK	US OF RECKITTS TO CONF. OF MAIN DRAIN SK347 328 to SK369 302 3.8 Km at MOOR LN BRIDGE SK367 307 53962650	E	D	d	RE4	C	-	m sd %ile n	2.45 1.95 4.71 35	0.26 0.27 0.54 35	100.2 35.47 54.72 34
CUTTLE BK	CONF OSMASTON DRAIN TO CONF R. TRENT SK369 302 to SK393 272 4 Km at SWARKESTONE SK375 288 53962100	D	C	c	RE4	C	-	m sd %ile n	1.77 0.74 2.73 35	0.14 0.09 0.25 35	98.85 23.92 68.19 34
MILTON BK	FOREMARK RES WEIR TO CONF. R. TRENT SK328 240 to SK341 272 4.8 Km at MEADOW LANE SK324 274 54085180	E	A up	b	RE3	C	-	m sd %ile n	1.15 0.84 2.15 37	0.03 0.02 0.06 37	92.73 4.88 86.47 37

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TWYFORD BK	CONF HELL & DOLES BK TO TRIB FROM BARROW SK316 298 to SK328 290 1.4 Km at DS FINDER STW SK317 295 54141150	D	B up	d	RE3	C	-	m sd %ile n	1.82 1.01 3.09 32	0.12 0.14 0.25 31	90.76 8.57 79.77 33
TWYFORD BK	CONF TRIB FROM BARROW TO CONF R.TRENT SK328 290 to SK326 284 0.9 Km at TWYFORD SK326 285 54141020	D	B up	b	RE3	C	-	m sd %ile n	1.91 1.01 3.2 30	0.09 0.19 0.21 31	94.94 15.76 74.74 31
REPTON BK	A514 WOODVILLE TO TRIB FROM HARTSHORNE SK319 197 to SK312 217 2 Km at BROOMY FURLONG SK319 202 54221500	O	B	d	RE3	C	-	m sd %ile n	2.14 0.83 3.22 33	0.17 0.15 0.33 33	89.18 6.99 80.22 33
REPTON BK	TRIB FROM HARTSHORNE TO RD BR REPTON SK312 217 to SK307 266 5.5 Km at BUGLEY HOLE SK311 228 54220450	O	B	c	RE3	C	-	m sd %ile n	1.54 0.55 2.26 33	0.03 0.03 0.05 33	93.06 10.47 79.64 33
REPTON BK	RD BR REPTON TO CONF R. TRENT SK307 266 to SK316 284 3 Km at REPTON SK305 271 54219180	C	B	b	RE3	C	-	m sd %ile n	1.96 0.91 3.03 37	0.06 0.19 0.13 37	97.24 6.62 88.77 37
EGGINTON BK	BRADBOURN & TRUSLEY TO A38 ROAD BRIDGE SK264 336 to SK276 278 10.5 Km at EGGINTON SK270 286 54364800	O	B	a	RE2	C	-	m sd %ile n	1.71 0.68 2.61 36	0.08 0.11 0.18 35	95.72 10.33 82.49 36
EGGINTON BK	A38 ROAD BRIDGE TO CONF WITH R TRENT SK276 278 to SK295 269 2.1 Km at ORIG. TRENT CONF SK285 269 54364350	E	D	d	RE2	S	-	m sd %ile n	1.49 0.99 2.69 35	0.11 0.12 0.23 35	74.83 17.69 52.15 34
DOVE R	CROWDECOTE RD BR TO HARTINGTON SK100 651 to SK120 598 7 Km at HARTINGTON SK120 598 54521950	B	A	e	RE1	M	S	m sd %ile n	1.58 0.69 2.47 37	0.08 0.06 0.15 37	94.37 5.63 87.15 38
DOVE R	HARTINGTON TO R. CHURNET SK120 598 to SK102 376 32 Km at MAYFIELD SK158 458 54519100	B	A	a	RE1	C	S	m sd %ile n	1.51 0.71 2.42 37	0.08 0.05 0.14 37	101.4 8.28 90.77 37
DOVE R	R. CHURNET TO R. TEAN SK102 376 to SK106 344 5 Km at DS ROCESTER SK102 372 54515700	C	B	b	RE2	C	S	m sd %ile n	1.67 0.7 2.57 37	0.05 0.04 0.09 36	102.5 12.32 86.7 37
DOVE R	R. TEAN TO FOSTON BK SK1060 3440 to SK1948 2987 18 Km at DOVERIDGE SK1112 3395 54515140	C	B	b	RE2	C	S	m sd %ile n	2.15 0.77 3.16 36	0.1 0.12 0.21 37	97.11 18.24 73.73 37
DOVE R	FOSTON BK TO R. TRENT SK1948 2987 to SK2798 2606 13.1 Km at MONKS BRIDGE SK2685 2698 54509300	C	B up	a	RE2	C	C	m sd %ile n	1.93 0.65 2.79 57	0.07 0.09 0.14 58	99.62 13.86 81.67 69
HILTON BK	BRAILSFORD BK TO LONGFORD MILL OUTLET SK221 377 to SK219 374 0.5 Km at LONGFORD MILL SK219 374 54537900	O	A	b	RE2	C	S	m sd %ile n	1.63 0.46 2.24 36	0.07 0.04 0.13 36	96.05 6.58 87.62 36
HILTON BK	LONGFORD MILL OUTLET TO R.DOVE SK219 374 to SK265 274 14 Km at HILTON SK2415 3060 54536180	C	A up	a	RE2	C	S	m sd %ile n	1.5 0.64 2.33 35	0.04 0.05 0.09 36	96.11 12.1 80.6 36
BRAILSFORD BK	A52 RD BR BRAILSFORD TO CONF. SHIRLEY BK SK243 419 to SK221 377 5.8 Km at US LONGFORD SK223 380 54758250	O	A	B	RE2	C	S	m sd %ile n	1.53 0.57 2.27 36	0.05 0.05 0.1 36	99.11 9.13 87.41 35
SHIRLEY BK	MILL LANE BR. SHIRLEY TO SUTTON BK SK214 409 to SK221 377 6.8 Km at LONGFORD SK2185 3792 54926020	O	A	A	RE2	C	S	m sd %ile n	1.38 0.51 2.04 21	0.05 0.04 0.09 21	96.62 5.52 89.55 21
FOSTON BK	CONF. WITH BENTLEY BK TO R. DOVE SK164 378 to SK195 299 8 Km at N'BRIDGE SCROPTON SK187 354 55103100	D	B	e	RE2	C	-	m sd %ile n	1.94 0.96 3.16 31	0.12 0.16 0.26 31	92.48 14.5 73.91 31
ROLLESTON BK	CONF. BUSHTON BRIDGE TO ROLLESTON STW SK206 262 to SK243 281 4.2 Km at ROLLESTON SK2360 2770 55004380	O	C	c	RE2	M	-	m sd %ile n	2.76 1.24 4.36 30	0.14 0.18 0.31 30	91.63 19.2 67.03 30

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
ROLLESTON BK	ROLLESTON STW TO TUTBURY MILL FLEAM SK243 281 to SK241 282 0.8 Km at DS ROLLESTON STW SK2433 2820 55004105	D	C	c	RE2	M	-	m sd %ile n	2.05 0.88 3.19 37	0.11 0.1 0.22 37	86.49 15.81 66.23 37
MARCHINGTON BK	CONF. DS STOCK LN TO RIVER DOVE SK1225 2990 to SK1425 3143 2.2 Km at GREEN LANE, MARCHI SK1370 3105 55566100	B	B	d	RE3	C	-	m sd %ile n	1.75 1.1 3.11 37	0.11 0.19 0.25 37	100.4 16.47 79.28 37
MARSTON BK	MARSTON MONTGOMERY RD BR TO R. DOVE SK132 391 to SK133 320 6 Km at BROCKSFORD SK128 334 55393900	B	B	a	RE2	C	-	m sd %ile n	2.04 0.67 2.92 31	0.1 0.16 0.22 31	96.19 7.36 86.73 31
PICKNALL BK	LOXLEY LN BR TO CONF. WITH R. DOVE SK064 325 to SK117 318 7.7 Km at WOODFORD SK117 319 55632050	B	B	a	RE2	C	S	m sd %ile n	1.83 0.83 2.89 36	0.12 0.17 0.27 37	94.41 18.32 70.93 37
TEAN R	FB BELOW GODLEY BK TO TRIB AT MOBBERLEY SJ985 444 to SK006 414 3.8 Km at BROOKHOUSES SJ996 428 55727900	D	C	C	RE2	S	-	m sd %ile n	3.23 2.06 5.75 39	0.44 0.55 0.95 39	93.28 6.79 84.58 40
TEAN R	CONF. TRIB MOBBERLEY TO UPPER TEAN SK006 414 to SK008 395 2.2 Km at UPPER TEAN SK008 395 55726980	B	B	B	RE2	C	-	m sd %ile n	2.17 1.36 3.84 36	0.11 0.11 0.22 36	94.67 6.74 86.03 36
TEAN R	UPPER TEAN TO CHECKLEY STW OUTFALL SK008 395 to SK035 374 4 Km at CHECKLEY SK028 377 55725750	B	D	B	RE2	S	-	m sd %ile n	3.25 5.49 7.34 36	0.12 0.11 0.23 36	90.89 16.08 70.27 35
TEAN R	CHECKLEY STW OUTFALL TO FB AT BEAMHURST SK035 374 to SK063 359 3.8 Km at FOLE"A" SK045 372 55724900	E	C	E	RE4	C	-	m sd %ile n	3.81 1.51 5.78 34	0.62 0.46 1.16 35	81.06 14.41 62.59 35
TEAN R	FB AT BEAMHURST TO CONF. WITH R. DOVE SK063 359 to SK106 344 5 Km at CONFL. UTTOXETER SK104 344 55723050	D	C	C	RE3	C	-	m sd %ile n	3.41 0.91 4.62 45	0.42 0.63 0.94 46	101.8 15.27 82.22 46
CHURNET R	A53 UPPER HULME TO TITTESWORTH RES. SK012 606 to SJ997 602 4 Km at MIDDLE HULME SJ999 604 56092780	B	A	b	RE1	C	S	m sd %ile n	1.54 0.7 2.45 36	0.04 0.03 0.08 36	97.72 4.91 91.43 36
CHURNET R	TITTESWORTH RES. TO TITTESWORTH FLUME SJ997 602 to SJ994 585 1.8 Km at DS TITTESWORTH RES SJ993 581 56091580	C	D	a	RE1	S	S	m sd %ile n	3.08 8.63 6.87 37	0.17 0.59 0.37 37	96.08 8.81 84.79 37
CHURNET R	TITTESWORTH RES. FLUME TO ABBEY GREEN BR SJ994 585 to SJ979 572 2.2 Km at ABBEY GREEN RD LEE SJ979 572 56091300	C	B	b	RE2	C	S	m sd %ile n	1.9 0.85 2.99 48	0.1 0.07 0.18 48	95.5 12.23 79.82 52
CHURNET R	ABBEY GREEN ROAD BR TO BRIOGENO SJ979 572 to SJ972 572 0.8 Km at BRIDGEND LEEK SJ973 571 56090950	O	B up	c	RE2	C	C	m sd %ile n	2.13 0.91 3.32 37	0.09 0.07 0.17 37	95.68 6.2 87.73 37
CHURNET R	BRIDGEND TO LEEK STW OUTFALL SJ972 572 to SJ981 539 6.2 Km at WALL BRIDGE LEEK SJ974 553 56090180	B	C	c	RE2	M	C	m sd %ile n	2.26 2.94 4.93 49	0.13 0.1 0.26 49	91.86 4.96 85.5 49
CHURNET R	LEEK STW OUTFALL TO CONF. WITH ENDON BK SJ981 539 to SJ968 534 2 Km at US ENDON BROOK SJ9687 5358 56089430	O	C	d	RE3	C	-	m sd %ile n	2.97 1.12 4.44 36	0.52 0.48 1.04 36	92.02 7.35 82.6 36
CHURNET R	ENDON BK TO CHEDDLETON STATION SJ968 534 to SJ982 521 2.5 Km at CHEDDLETON STATION SJ982 521 56088780	E	C up	b	RE3	C	-	m sd %ile n	2.75 2.14 5.24 60	0.4 0.42 0.84 60	88.24 8.93 76.79 60
CHURNET R	CHEDDLETON STATION TO CONSALL SJ982 521 to SK003 486 4 Km at CONSALL SK001 487 56087700	D	B up	b	RE3	C	-	m sd %ile n	2.5 0.73 3.47 37	0.23 0.3 0.51 37	93.92 5.49 86.89 36
CHURNET R	CONSALL TO CONF. WITH R. DOVE SK003 486 to SK102 375 19.8 Km at ROCESTER SK106 393 56082180	C	B	a	RE2	C	C	m sd %ile n	2.27 0.81 3.33 48	0.13 0.17 0.29 48	96.71 10.09 83.77 48

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	OO % SAT
ENDON BK	FLOOD WALL 40M CULVERT TO R CHURNET SJ928 531 to SJ968 534 5.2 Km at WALLGRANGE SJ962 536 56423140	C	B	c	RE2	M	-	m sd %ile n	2.18 0.59 2.96 41	0.14 0.1 0.26 41	85.03 11.18 70.7 40
HENMORE BK	CARSINGTON RESERVOIR TO ATLOW SK244 503 to SK230 489 2 Km at ATLOW SK230 489 57024500	C	C	A	RE2	M	S	m sd %ile n	2.31 2.12 4.63 36	0.16 0.13 0.3 36	96.17 6.6 87.71 35
HENMORE BK	ATLOW TO ASHBOURNE SCHOOL LANE SK230 489 to SK177 463 10.9 Km at SCHOOL LANE SK177 463 57022560	O	A	B	RE2	M	S	m sd %ile n	1.62 0.63 2.45 16	0.06 0.07 0.13 16	100 6.78 91.31 23
HENMORE BK	ASHBOURNE SCHOOL LANE TO R DOVE SK177 463 to SK159 447 8 Km at CLIFTON SK162 447 57022100	B	C	B	RE3	C	S	m sd %ile n	2.67 1.63 4.69 35	0.13 0.11 0.26 35	92.26 13.1 75.47 35
BENTLEY BK	CONF HAVEN DALE BK TO ASHBOURN STW SK200 521 to SK164 463 8.7 Km at ASHBOURNE SK173 469 57202150	B	A	a	RE2	C	S	m sd %ile n	1.5 0.64 2.34 36	0.06 0.08 0.13 36	100.3 10.14 87.31 36
BENTLEY BK	ASHBOURNE STW TO CONF. WITH R. DOVE SK164 463 to SK160 462 0.5 Km at MAYFIELD SK162 461 57202050	O	D	b	RE3	M	C	m sd %ile n	2.78 1.33 4.48 36	0.69 0.63 1.38 36	90.45 11.73 75.41 36
MANIFOLD	LONGNOR TO HULME END SK082 647 to SK106 592 7.4 Km at HULME END SK106 592 57406050	B	B	b	RE1	S	S	m sd %ile n	1.8 1.15 3.21 36	0.17 0.12 0.31 36	96.95 5.81 89.5 36
MANIFOLD	HULME END TO R. HAMPS SK106 592 to SK104 540 8.6 Km at WETTON MILL SK095 561 57404850	O	B	d	RE1	S	S	m sd %ile n	1.64 1.64 3.65 31	0.08 0.09 0.18 31	100.9 8.12 90.46 31
MANIFOLD	R HAMPS TO R. DOVE SK104 538 to SK146 503 8 Km at ILAM SK136 508 57403450	B	A	b	RE1	C	S	m sd %ile n	1.16 0.83 2.15 36	0.03 0.04 0.06 36	90.93 7.9 80.81 29
HAMPS R.	B5053 RD BR. ONECOTE TO WINKHILL SK050 552 to SK060 514 6 Km at WINKHILL SK060 514 57464620	O	B	c	RE1	S	S	m sd %ile n	1.87 0.94 3.08 36	0.06 0.07 0.13 36	96.83 7.99 86.59 36
HAMPS	WINKHILL TO CONF MANIFOLD SK060 514 to SK104 540 10 Km at WATERHOUSES SK084 502 57463560	B	B	c	RE1	M	S	m sd %ile n	1.8 0.8 2.83 36	0.05 0.05 0.1 36	99.66 8.06 89.54 36
DARKLANDS BK	DARKLANDS ROAD TO STANTON STW SK296 199 to SK273 192 2.5 Km at US STANTON STW SK2735 1922 58248700	F	C up	E	RE4	C	-	m sd %ile n	2.93 1.31 4.62 36	0.26 0.25 0.52 36	94.83 9.95 82.07 35
DARKLANDS BK	STANTON STW TO CONF R.TRENT SK273 192 to SK241 205 4 Km at DRAKELOW SK2460 2012 58248060	E	C up	E	RE4	C	-	m sd %ile n	2.51 2.16 4.94 34	0.21 0.34 0.46 34	93.4 12.87 76.91 33
CASTLE GRESLEY BK	COTON PK STW TO DARKLANDS BK SK2746 1774 to SK2496 1933 3.6 Km at D/S COTTON PK STW SK2680 1853 58282220	E	B up	D	RE4	C	-	m sd %ile n	1.9 1.52 3.73 34	0.21 0.43 0.47 34	91.64 8.75 80.44 34
MEASE R	TWYCROSS STW TO CONF GILWISKAW BK SK3242 0729 to SK3363 1006 5 Km at D/S SNARESTONE SK3378 1000 58473850	E	C up	C	RE3	C	-	m sd %ile n	2.21 1.56 4.08 41	0.17 0.29 0.39 40	85.71 18.55 61.94 41
MEASE R	CONF GILWISKAW BK TO MEASHAM STW SK3363 1006 to SK3225 1181 2.2 Km at MEASHAM SK3269 1161 58472580	C	C	C	RE3	C	-	m sd %ile n	2.42 0.84 3.52 34	0.12 0.12 0.25 36	94.39 21.91 66.31 36
MEASE R	MEASHAM STW TO CONF. HOOBOROUGH BK SK3225 1181 to SK2940 1258 3.1 Km at STRETTON BRIDGE SK3008 1237 58472140	C	C	C	RE3	C	-	m sd %ile n	2.44 1.12 3.89 33	0.11 0.13 0.23 35	87.37 21.02 60.43 35
MEASE R	CONF. HOOBOROUGH BK TO CONF R.TRENT SK2940 1258 to SK1955 1471 18 Km at CROXALL SK1927 1392 58470100	C	B	C	RE3	C	C	m sd %ile n	1.95 1.02 3.24 42	0.06 0.05 0.11 44	102.8 20.07 77.08 44

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROQ	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
CHILCOTE BK	CHILCOTE WTW TO CONF R MEASE SK2847 1034 to SK2730 1149 2 Km at MANOR FARM SK2783 1100 58639195	O	C	E	RE4	C	-	m sd %ile n	2.28 3.29 5.05 29	0.36 0.52 0.79 30	96.73 13.59 79.31 30
OVERSEAL BK	OVERSEAL STW TO CONF R. MEASE SK2903 1490 to SK2910 1270 2.6 Km at NETHERSEAL SK2875 1366 58650180	C	D	D	RE3	M	-	m sd %ile n	3.08 3.41 6.49 27	0.4 1.08 0.9 27	84.81 19.13 60.3 27
HOOBOROUGH BK	ALBERT VILLAGE TO CONF R MEASE SK296 173 to SK2940 1258 7 Km at ACRESFORD SK2986 1315 58661180	D	C	C	RE3	C	-	m sd %ile n	1.9 0.83 2.97 35	0.15 0.17 0.32 35	94.15 19.11 69.66 33
GILWISKAW BK	SMISBY STW TO US ASHBY DAIRY SK3505 1874 to SK3559 1795 1 Km at US ASHBY SK3547 1815 58809980	E	B	C	RE3	C	-	m sd %ile n	1.95 1.4 3.62 31	0.11 0.21 0.26 31	98.13 13.32 81.05 31
GILWISKAW BK	US ASHBY DAIRY TO PACKINGTON STW SK3559 1795 to SK3592 1382 3.5 Km at ASHBY DE LA ZOUCH SK3567 1601 58809180	E	D	E	RE4	C	-	m sd %ile n	4.39 2.67 7.7 36	0.88 0.71 1.69 36	85.19 16.84 63.62 36
GILWISKAW BK	PACKINGTON STW TO CONF MEASE SK3592 1382 to SK3363 1006 6 Km at MEASHAM FIELDS FM SK3540 1160 58807700	C	C	D	RE4	C	-	m sd %ile n	3.42 1.16 4.95 36	0.29 0.33 0.61 36	98.14 18.52 74.41 35
TAME R (OLDBURY ARM)	ASHES RD BR TO DS UNION RD SO985 876 to SO977 912 5 Km at DS UNION RD OLD SO983 907 59018780	F	E up		RE5	C	-	m sd %ile n	5.14 3.92 9.73 36	1.54 1.8 3.29 36	98.43 27.75 62.86 35
TAME R	DN. OF ARMS BESCOT TO SANDWELL PARK SP0067 9621 to SP029 926 6 Km at SANDWELL VALLEY SP029 928 59014850	E	E		RE5	C	-	m sd %ile n	4.64 3.32 8.61 46	1.32 1.22 2.65 47	97.2 29.05 59.97 46
TAME R (OLDBURY ARM)	DS UNION RD TO EAGLE LN TIPTON SO977 912 to SO979 931 2 Km at TIPTON EAGLE LANE SO979 931 59017780	F	E		RE5	C	-	m sd %ile n	5.69 4.97 11.24 35	1.57 1.13 2.91 36	88.71 19.28 64 34
TAME R (OLDBURY ARM)	TIPTON TO WOLVERHAMPTON ARM BESCOT SO979 931 to SP0067 9621 4.4 Km at BESCOT SP006 962 59016020	E	D		RE5	C	-	m sd %ile n	3.81 2.35 6.71 56	0.95 0.83 1.88 57	91.87 28.59 55.23 55
TAME R	SANDWELL PARK TO PACK HORSE BR SP029 926 to SP071 919 6 Km at PERRY BARR SP071 915 59013180	E	E		RE5	C	-	m sd %ile n	5.16 3.24 9.14 60	1.26 1.09 2.48 60	90.86 25.76 57.65 59
TAME R	PACK HORSE BR PERRY BARR TO R REA SP071 919 to SP107 897 5 Km at SALTLEY SP104 897 59012070	F	E		RE5	C	-	m sd %ile n	5.26 3.45 9.47 44	0.95 1.19 2.06 45	88.43 27.41 53.3 49
TAME R	R. REA TO WATER ORTON BRIDGE SP107 897 to SP1740 9141 7.5 Km at WATER ORTON SP169 914 59010850	E	D	e	RE5	C	-	m sd %ile n	4.29 2.37 7.27 75	0.67 0.81 1.44 75	110.1 30.17 71.41 75
TAME R	WATER ORTON BR TO COLESHILL STW OUTFALL SP1740 9141 to SP1938 9139 2 Km at US COLEHILL STW SP192 915 59010550	E	E	e	RE5	C	-	m sd %ile n	5.24 2.31 8.23 56	1.12 1.32 2.4 56	99.34 22.04 71.09 59
TAME R	COLESHILL STW TO LEA MARSTON SP1938 9139 to SP205 934 5 Km at LEA MARSTON SP205 934 59008980	E	E	f	RE5	C	-	m sd %ile n	7.19 2.88 10.94 64	2.13 1.29 3.73 64	77.6 15.7 57.47 64
TAME R	LEA MARSTON TO COTON BR SP205 934 to SP2136 9426 1.2 Km at COTON LANE SP214 943 59008740	E	E		RE4	S	-	m sd %ile n	5.86 2.08 8.59 54	2.48 1.11 3.92 54	67.1 11.95 51.78 54
TAME R	COTON BK TO CONF. KINGSBURY BK SP214 943 to SP213 962 2.3 Km at KINGSBURY RD KING. SP217 956 59008500	E	E	d	RE4	S	-	m sd %ile n	5.16 1.56 7.22 64	2.48 1.32 4.16 64	75.11 13.49 57.82 63
TAME R	CONF. KINGSBURY BK TO CONF. R. ANKER SP213 962 to SK205 038 9 Km at FAZELEY SK210 018 59006100	E	E	d	RE4	S	-	m sd %ile n	4.57 1.95 7.1 42	1.93 1.21 3.42 42	71.68 17.62 49.1 41

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TAME R	CONF. R. ANKER TO RD BR ELFORD SK2055 0379 to SK192 098 8.9 Km at ELFORD SK192 099 59002450	E	E	d	RE4	M	-	m sd %ile n	3.94 1.36 5.72 34	1.07 0.95 2.13 34	71.03 18.28 47.61 34
TAME R	RD BR ELFORD TO CONF R TRENT SK192 098 to SK1918 1488 8 Km at CHETWYND BRIDGE SK187 138 59000500	E	D	d	RE4	C	-	m sd %ile n	3.7 1.85 6.06 71	0.95 0.98 1.96 71	71.83 16.77 50.34 76
ANKER R	ANKER BRIDGE TO CONF SKETCHLEY BK SP4145 8880 to SP3890 9125 4 Km at ANKER BRIDGE SP414 888 59400100	C	B	B	RE2	C	-	m sd %ile n	1.93 0.86 3.05 30	0.16 0.26 0.36 30	100.5 14.46 82 30
ANKER R	CONF SKETCHLEY BK TO CONF WEM BK SP3890 9125 to SP3660 9125 5 Km at ATTLEBOROUGH BR SP367 913 59397650	D	C	E	RE2	C	-	m sd %ile n	2.81 0.74 3.79 54	0.19 0.21 0.4 54	99.39 24.47 68.03 54
ANKER R	CONF WEM BK TO CONF. CHANGE BK SP3660 9125 to SP3630 9280 2 Km at WEDDINGTON SP364 927 59396900	E	C up	E	RE3	C	-	m sd %ile n	2.95 1.47 4.83 32	0.33 0.43 0.73 32	96.2 16.17 75.47 35
ANKER R	CHANGE BK TO NUNEATON (HARTSHILL) STW SP3630 9280 to SP3345 9580 5.5 Km at LEATHERMILL BR SP347 942 59395750	C	B	C	RE3	C	-	m sd %ile n	2.61 0.93 3.84 39	0.22 0.24 0.45 39	97.6 15.66 77.52 38
ANKER R	NUNEATON STW TO MANCETT BR. WITHERLEY SP3345 9580 to SP3250 9710 2 Km at MANCETTER BR WITHE SP325 971 59395300	E	D	C	RE4	C	-	m sd %ile n	2.92 1.2 4.48 43	1.12 1.48 2.45 43	100.0 20.43 73.83 43
ANKER R	WITHERLEY TO CONF. R. SENCE SP3250 9710 to SP3160 9920 2 Km at RATCLIFFE BR. ATHER SP317 985 59394920	E	O	C	RE4	C	-	m sd %ile n	2.96 1.23 4.56 35	0.72 0.94 1.57 35	92.71 19.15 68.17 35
ANKER R	CONF. R. SENCE TO CONF. PENMIRE BK SP3160 9920 to SK2880 0060 3.5 Km at FIELDON BRIDGE SP308 995 59394420	E	C up	c	RE4	C	-	m sd %ile n	2.5 0.97 3.77 34	0.57 1.11 1.29 34	92.51 20.51 66.22 35
ANKER R	CONF. PENMIRE BK TO CONF. POTFORD BK SK2880 0060 to SK2650 0400 5 Km at POLESWORTH SK261 023 59393340	E	C up	c	RE4	C	-	m sd %ile n	2.51 0.95 3.75 35	0.36 0.48 0.79 35	87.46 16.26 66.62 35
ANKER R	CONF. POTFORD BK TO CONF. R. TAME SK2650 0400 to SK2045 0375 8.5 Km at BOLE BR TAMWORTH SK213 039 59392220	D	C up	c	RE4	C	-	m sd %ile n	2.48 0.88 3.64 49	0.3 0.43 0.66 49	91.5 15.78 71.27 52
PENMIRE BK	DORDON STW TO GRENDON STW SP2838 9971 to SP2775 9970 1.2 Km at US GRENDON STW SP272 996 59636580	O	D	d	RE4	C	-	m sd %ile n	1.94 1. 3.21 29	0.78 1.78 1.76 30	92.93 18.19 69.63 30
PENMIRE BK	GRENDON STW TO CONF. R. ANKER SP2775 9970 to SK2880 0060 1.8 Km at 2KM DS GRENDON ST SK287 006 59636190	O	E	f	RE4	S	-	m sd %ile n	2.26 0.87 3.4 28	2.8 3.88 6.18 29	79.52 18.64 55.63 29
SENCE R	FB AT HUGGLESCOTE TO KELHAM BRIDGE SK4270 1240 to SK406 120 2.4 Km at US KELHAM SK424 124 59717900	D	B up		RE3	C	-	m sd %ile n	1.8 0.76 2.79 35	0.11 0.13 0.23 35	98.86 16.49 77.73 35
SENCE R	KELHAM BRIDGE TO PISCA LANE SK406 120 to SK394 108 2 Km at PISCA LANE SK394 108 59716950	E	C up		RE3	C	-	m sd %ile n	2.72 1.72 4.83 35	0.19 0.19 0.39 35	109.2 24.88 77.34 35
SENCE R	NEWTON BURGOLAND TO CONGERSTONE SK3800 0870 to SK3660 0560 4.4 Km at CONGERSTONE SK3670 0560 59715450	D	C		RE3	C	C	m sd %ile n	2.56 1.44 4.37 34	0.16 0.13 0.31 34	100.4 10.96 86.38 33
SENCE R	CONGERSTONE TO SHEEPY MAGNA SK3660 0560 to SK3280 0150 8 Km at HARRIS BRIDGE SK352 031 59714780	C	B up		RE3	C	C	m sd %ile n	2.16 0.73 3.12 35	0.12 0.12 0.24 35	103.0 15.26 83.48 35
SENCE R	SHEEPY MAGNA TO CONF. R. ANKER SK3280 0150 to SP3140 9910 3.6 Km at RATCLIFFE CULEY SP322 996 59714150	C	B		RE3	C	C	m sd %ile n	1.94 0.83 3.02 44	0.08 0.1 0.18 44	92.91 14.37 74.49 44

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
ISIBSON BK	CONF. TWEED RIVER TO CONF. R. SENCE	O	O		RE4	C	-	m	1.55	0.28	87.03
	SP4080 989 to SP3250 9980 11 Km							sd	0.74	1.16	22.62
	at SIBSON SK355 004 59729350							%ile	2.49	0.58	58.04
								n	35	35	36
CARLTON BK	B582 BARLESTONE TO CONF R SENCE	B	B		RE4	C	-	m	2.39	0.22	101.0
	SK430 055 to SK363 042 8 Km							sd	0.65	0.62	18.04
	at CARLTON BRIDGE SK387 044 59963150							%ile	3.24	0.49	77.91
								n	36	36	36
IBSTOCK BK	A447 RD BR IBSTOCK TO CONF R SENCE	D	B		RE4	C	-	m	2.39	0.12	99
	SK4050 0910 to SK3775 0675 4 Km		up					sd	1.06	0.16	11.74
	at IBSTOCK STW DS SK390 082 60021300							%ile	3.75	0.26	83.95
								n	35	35	34
SNIBSTON BK	STANDARD HILL TO CONF WITH R SENCE	E	A		RE4	C	-	m	1.57	0.08	93.67
	SK4150 1335 to SK4060 1200 1.9 Km		up					sd	0.54	0.08	8.04
	at SENCE CONF SK405 122 60122050							%ile	2.27	0.16	83.36
								n	30	30	30
WEM BK	FB AT SHILTON TO BULKINGTON STW	C	C	C	RE4	C	-	m	1.88	0.33	98.23
	SP397 853 to SP379 866 3 Km							sd	1.17	0.62	23.96
	at UP BULKINGTON WRW SP384 860 60387900							%ile	3.33	0.75	67.52
								n	34	34	34
WEM BK	BULKINGTON STW TO BULKINGTON ROAD	E	E	E	RE4	M	-	m	2.47	1.21	83.2
	SP3790 8660 to SP3775 8670 0.5 Km							sd	2.02	3.2	16.75
	at DS BULKINGTON WRW SP376 868 60387650							%ile	4.78	2.72	59.18
								n	35	35	35
WEM BK	BULKINGTON ROAD TO CONF. WITH R ANKER	E	C	C	RE4	C	-	m	2.64	0.53	98.17
	SP3775 8670 to SP3660 9125 6 Km							sd	2.1	0.87	25.09
	at GIPSY LANE SP374 893 60386050							%ile	5.07	1.19	66.02
								n	17	17	17
SKETCHLEY BK	BROOKFIELD RD BR. TO HINCKLEY STW	F	E	e	RE4	M	-	m	4.56	0.52	86.78
	SP4210 9270 to SP4144 9265 1 Km		up					sd	2.86	0.38	11.47
	at US HINCKLEY STW SP422 928 60587950							%ile	8.08	0.98	72.08
								n	24	24	28
SKETCHLEY BK	HINCKLEY STW OUTFALL TO CONF. R. ANKER	E	C	D	RE4	C	-	m	4.1	0.31	98.53
	SP4144 9265 to SP3890 9125 3.2 Km							sd	1.39	0.52	19.95
	at NUNEATON FIELDS FM SP391 915 60587160							%ile	5.93	0.7	72.97
								n	32	32	32
BLACK/BOURNE BK	FOOTHERLEY/BURNTWOOD BK TO SHENSTONE STW	E	C	d	RE4	C	-	m	3.25	0.26	94.76
	SK1075 0505 to SK1205 0421 1.8 Km		up					sd	2	0.29	12.51
	at SHENSTONE MILL SK114 050 60867150							%ile	5.71	0.55	78.73
								n	37	38	38
BLACK/BOURNE BK	SHENSTONE STW TO A38(T) LONDON ROAD	E	D	e	RE4	C	-	m	3.58	0.19	95.71
	SK1205 0421 to SK1340 0370 2 Km							sd	2.01	0.24	11.69
	at THICKBROOM FARM SK132 035 60866450							%ile	6.11	0.4	80.73
								n	38	38	38
BLACK/BOURNE BK	A38(T) LONDON ROAD TO CONF. R. TAME	C	C	c	RE4	C	-	m	3.49	0.24	96.12
	SK1340 0370 to SK2105 0170 15 Km							sd	1.61	0.25	10.65
	at FAZELEY SK203 015 60864380							%ile	5.56	0.5	82.47
								n	38	38	42
FOOTHERLEY BK	TRIB LITTLE ASTON TO LITTLE ASTON STW	C	C	d	RE3	C	-	m	2.81	0.08	91.63
	SK0890 0150 to SK0935 0190 0.5 Km							sd	2.56	0.17	11.92
	at US LITTLE ASTN WRW SK092 018 60967900							%ile	5.62	0.17	76.36
								n	37	38	38
FOOTHERLEY BK	LITTLE ASTON STW TO BLACK/BOURNE BK	E	C	d	RE4	C	-	m	3.36	0.24	87.59
	SK0935 0190 to SK1075 0505 3.7 Km							sd	2.07	0.29	14.38
	at FOOTHERLEY HALL SK099 038 60967300							%ile	5.92	0.51	69.16
								n	37	37	37
CRANE/BURNTWOOD BK	HAMMERWICH CRICKET CLUB TO BURNTWOOD STW	C	D	d	RE3	M	-	m	3.34	0.11	92.08
	SK070 081 to SK080 079 1 Km							sd	6.91	0.21	7.74
	at US BURNTWOOD STW SK079 080 61023580							%ile	7.59	0.24	82.17
								n	37	38	35
CRANE/BURNTWOOD BK	BURNTWOOD STW TO A461 BRIDGE	F	E	e	RE5	C	-	m	6.11	0.9	76.61
	SK080 079 to SK088 076 1 Km		up					sd	2.52	0.7	9.8
	at A461 BRIDGE SK088 076 61023500							%ile	9.39	1.72	64.05
								n	38	38	36
CRANE/BURNTWOOD BK	A461 BRIDGE TO BLACK/BOURNE BK	O	D	d	RE5	C	-	m	4.76	0.61	79.47
	SK088 076 to SK107 050 3.6 Km							sd	1.98	0.71	12.57
	at ASHCROFT FARM SK104 053 60867500							%ile	7.34	1.31	63.36
								n	31	32	32
LANGLEY BK	LANGLEY MILL STW TO CONF. R. TAME	C	C		RE2	M	-	m	2.4	0.13	98.72
	SP156 966 to SP205 999 7 Km							sd	1.63	0.19	27.16
	at MIDDLETON A4091 SP187 982 61079380							%ile	4.37	0.3	63.88
								n	25	25	25

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
COLLETTS BK	BASSETS POLE STW TO CONF. LANGLEY BK SP144 986 to SP161 969 2 Km at HIGH HEATH SP152 976 61226240	O	B	c	RE3	C	-	m sd %ile n	1.93 0.72 2.87 26	0.15 0.17 0.32 26	99.88 13.73 82.26 26
KINGSBURY BK	TRIB. KINGSBURY WOOD TO CONF. R. TAME SP226 963 to SP213 962 1.5 Km at KINGSBURY SP217 961 61326100	E	D	c	RE4	C	-	m sd %ile n	2.43 1.23 4 27	0.36 0.45 0.78 27	80.69 22.61 51.91 27
DOG LANE BK	DOG LANE TO CONF. R TAME SP231 937 to SP218 953 2.5 Km at BRIDGE B4098 SP221 944 61371500	D	B up	b	RE2	C	-	m sd %ile n	1.86 0.95 3.07 27	0.05 0.05 0.1 27	102.9 21.05 75.95 26
BOURNE R	SPRING HILL TO B4098 RD BRIDGE SP2825 9000 to SP2750 8873 1.9 Km at B4098 US DIDG SP276 887 61473180	O	B		RE2	C	-	m sd %ile n	1.86 0.74 2.83 33	0.14 0.19 0.31 35	96.94 8.88 85.56 33
BOURNE R	B4098 RD BR TO CONF OF WHITACRE BK SP2750 8873 to SP2457 9135 4.5 Km at FURNACE END B4114 SP247 912 61471430	O	B	B	RE2	C	-	m sd %ile n	1.79 0.76 2.78 31	0.09 0.18 0.21 32	97.94 7.79 87.96 31
BOURNE R	WHITACRE BK TO SLUICE US SHUSTOKE RES. SP2457 9135 to SP2345 9155 1.5 Km at US SHUSTOKE RES SP240 914 61471340	D	B	B	RE2	C	-	m sd %ile n	1.96 1.48 3.7 37	0.11 0.15 0.24 37	100.2 15.36 80.52 35
BOURNE R	SLUICE US SHUSTOKE RES TO R. TAME SP2345 9155 to SP2160 9160 2 Km at CONF. TAME SP217 914 61471060	C	B	B	RE2	C	-	m sd %ile n	2.35 1.16 3.83 33	0.11 0.13 0.23 34	104.7 15.74 84.49 30
WHITACRE BK	FB AT HALL FARM TO CONF. R. BOURNE SP2590 9180 to SP2457 9135 1.7 Km at US FURNACE END WR SP247 914 61485070	D	B up	C	RE2	C	-	m sd %ile n	1.89 1.13 3.3 32	0.08 0.13 0.19 34	90.88 10.62 77.27 33
DIDGELEY BK	B4102 FILLONGLEY TO CONF R BOURNE SP2825 9000 to SP2750 8873 1.9 Km at FILLONGLEY LODGE SP276 887 61473250	O	B	B	RE2	C	-	m sd %ile n	2.11 1.04 3.44 14	0.05 0.14 0.1 15	94.14 9.25 82.29 14
BLYTHE R	EARLSWOOD RES. TO CONF. WITH CRAN BK SP1150 7430 to SP1556 7736 7 Km at CHESWICK GREEN SP127 753 61649620	D	C		RE2	M	C	m sd %ile n	2.45 0.99 3.75 33	0.16 0.32 0.37 33	95.03 21.43 67.57 33
BLYTHE R	CONF. WITH CRAN BK TO M42 BRIDGE SP1556 7736 to SP187 795 4.5 Km at SANDALLS BRIDGE SP164 789 61648150	E	C up		RE2	S	C	m sd %ile n	3.58 1.56 5.6 34	0.19 0.14 0.35 34	89.03 19.01 64.67 33
BLYTHE R	M42 RD BRIDGE TO CUTTLE BK CONF SP187 795 to SP208 763 6 Km at TEMPLE BALSALL SP208 763 61646700	O	B		RE2	C	C	m sd %ile n	2.23 0.94 3.46 33	0.05 0.04 0.09 34	106.1 21.51 78.53 32
BLYTHE R	CUTTLE BK CONF TO CONF EASTCOTE BK SP208 763 to SP213 801 6.7 Km at RYTON END SP216 793 61646060	O	C		RE2	S	C	m sd %ile n	2.76 1.71 4.88 34	0.08 0.08 0.16 34	110.9 22.76 81.71 33
BLYTHE R	CONF. EASTCOTE BK TO CONF. HORN BK SP2130 8007 to SP220 819 2.5 Km at PATRICK BR B4102 SP215 813 61644950	D	C up		RE2	M	-	m sd %ile n	3 0.78 4.03 34	0.29 0.35 0.62 34	97.97 16.94 73.26 34
BLYTHE R	HORN BK TO BLYTHE BR SP220 819 to SP2110 8990 20 Km at PACKINGTON FORD FB SP218 852 61643350	D	C up		RE2	M	C	m sd %ile n	2.85 0.98 4.13 33	0.18 0.29 0.4 33	100.5 21.7 72.65 33
BLYTHE R	BLYTHE BR. TO CONF. R. TAME SP2110 8990 to SP2115 9160 2 Km at BLYTHE BR B4114 SP211 898 61642420	D	B up		RE2	C	-	m sd %ile n	2.44 0.72 3.38 39	0.1 0.19 0.23 39	103.4 18.83 79.24 37
COLE R	HOUNDSFIELD LN WYTHALL TO MAJORS GREEN SP0980 7675 to SP0990 7740 1.7 Km at HOUNDSFIELD LANE SP098 767 61678050	C	C		RE2	M	-	m sd %ile n	2.47 1.12 3.91 30	0.12 0.12 0.24 31	98 25.51 65.31 30
COLE R	MAJORS GREEN TO TRITTIFORD MILL PK SP099 774 to SP098 804 3 Km at TRITTIFORD LANE SP098 803 61676550	E	C up		RE2	S	-	m sd %ile n	3.65 1.34 5.4 31	0.18 0.12 0.33 31	100.4 21.44 72.9 29

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
COLE R	TRITTIFORD MILL PK TO STRATFORD RDAD A34 SP0980 6040 to SP0995 8280 2.5 Km at STRATFORD RD SP099 828 61675350	D	D		RE3	M	-	m sd %ile n	3 91 2 65 7.11 27	0 15 0 13 0.29 27	105 7 17.57 83.22 26
COLE R	STRATFORD ROAD TO A41 WARWICK RD GREET SP0995 8280 to SP1000 8400 1 Km at WARWICK RD. GREET SP100 840 61674850	D	D		RE4	C	-	m sd %ile n	3 4 2.41 6 28 31	0 18 0.09 0 29 31	96 52 18 42 72.91 29
COLE R	A41 GREET TO 100M DS A45 HAYBARNES BR SP100 840 to SP111 852 1 Km at HAYBARNES BR. A45 SP111 852 61674560	D	C		RE4	C	-	m sd %ile n	3 27 1 84 5 59 31	0 37 0 16 0 58 31	93 9 17 37 71 64 30
COLE R	100M DS HAYBARNES BRIDGE TO STECHFORD BR SP111 852 to SP127 879 3 Km at STECHFORD BRIDGE SP127 878 61673900	D	D		RE4	C	-	m sd %ile n	3 7 1 81 6 02 27	0 25 0 2 0 48 27	114 9 30 38 75 92 27
COLE R	STECHFORD BR TO CONF WITH R BLTHE SP127 879 to SP212 912 7.5 Km at COLESHILL SP191 895 61671530	D	C		RE3	C	-	m sd %ile n	3 18 1 61 5 23 37	0 12 0 16 0 25 37	108 5 22 04 80 3 35
HATCHFORD/KINGSHURST BK	BELL LANE TO CONF. R COLE SP1665 8600 to SP1790 8745 2 Km at COLE CONF SP178 874 61763100	D	E		RE3	S	-	m sd %ile n	6 45 5 43 12 61 31	0 25 0 21 0 49 31	102 5 27 05 67 78 31
HORN BK	MERIDEN STW TO CONF. R. BLYTHE SP2380 8175 to SP2200 8185 3 1 Km at HAMPTON L., SP219 814 62933100	O	B		RE3	C	-	m sd %ile n	1.78 0 69 2 68 34	0 06 0 04 0 1 35	95 57 12 36 79 74 33
EASTCOTE BK	BARSTON STW TO CONF. R.BLYTHE SP1915 8000 to SP2130 8007 2.5 Km at HAMPTON BB SP200 802 63081350	E	E		RE4	S	-	m sd %ile n	5 44 1.93 7.97 33	2.25 1.98 4 46 33	62 27 15 88 41.92 33
TEMPLE BALSALL BK	US HONILEY STW TO CONF R. BLYTHE SP2160 7360 to SP2064 7627 3 Km at B4101 BRIDGE SP2063 7608 63292160	O	B		RE2	C	-	m sd %ile n	2.04 0 96 3 28 33	0 06 0.1 0 14 34	110.4 25.37 77 85 33
CUTTLE BK	A41 RD BRIDGE TO CONF. WITH R. BLYTHE SP1930 7516 to SP2055 7628 2 Km at TEMPLE BALSALL SP204 760 63377050	O	B		RE2	C	-	m sd %ile n	1.91 0 87 3 03 33	0 08 0 18 0.19 34	99.47 20.09 73.72 32
SPRING BK	M42 TO EARLSWOOD RES. SP108 725 to SP115 743 2 Km at EARLSWOOD SP1157 7400 63987300	O	B	c	RE4	C	-	m sd %ile n	1.92 0 73 2.87 29	0 17 0 17 0 35 29	92.07 16 1 71.44 29
PLANTS BK	CULVERT MANEY TO EACHELHURST RD BR. SP1261 9545 to SP1361 9221 4.5 Km at PIPE HAYES SP136 922 64177850	D	D	c	RE2	S	-	m sd %ile n	3 22 2.47 6 1 30	0 07 0.12 0 17 31	130 8 28 68 94 04 30
PLANTS BK	EACHELHURST RD BR. TO CONF. R. TAME SP1361 9221 to SP1517 9083 2 Km at CASTLE BROMWICH SP153 908 64177220	D	D	c	RE4	C	-	m sd. %ile n	3 43 2.57 6 46 30	0.12 0 11 0.24 31	111.7 16.85 90.11 31
DUNLOP CON.	WKS ACCESS RD BR TO CONF R TAME SP1288 9014 to SP1474 9061 3 Km at TAME CONFL SP144 906 64201050	E	E	e	RE5	C	-	m sd %ile n	2.63 2.3 5.21 30	0.25 0.19 0 48 31	75.16 23 63 44 88 31
REA R	BRISTOL RD SOUTH RD BR. TO LONGBRIDGE SP008 775 to SP013 778 0 6 Km at BRISTOL RD SOUTH SP008 775 64502340	C	C		RE4	C	-	m sd %ile n	3 44 2 5 94 32	0 28 0.22 0.54 32	98.94 11 64 84 02 32
REA R	LONGBRIDGE TO WEST HEATH RD NORTHFIELD SP013 778 to SP026 789 2 Km at W HEATH RD NORTHFI SP026 789 64501800	C	E down		RE4	M	-	m sd %ile n	4.06 3 68 8 12 32	0 12 0 16 0 26 32	105 6 16.23 84.79 31
REA R	NORTHFIELD TO B4217 CANNON HILL SP026 789 to SP068 841 8 Km at CANNON HILL PARK SP067 840 64498240	C	B		RE3	C	-	m sd %ile n	2.53 0.95 3 77 32	0.13 0 1 0.25 32	106 2 11.51 91.4 31
REA R	B4217 CANNON HILL TO CONF. WITH R.TAME SP068 841 to SP107 897 10 5 Km at GRAV SALF'D PK EST SP106 895 64496050	E	E		RE4	M	-	m sd %ile n	5 11 3.02 8 87 41	0.44 0 26 0 76 41	118 31.8 77.25 39

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
GRIFFINS BR	FRANKLEY WATERWORKS TO BOURNVILLE SP004 802 to SP048 812 5 Km at BOURNVILLE SP043 811 64780550	D	E		RE2	S	-	m sd %ile n	6.44 10.52 14.49 31	0.29 0.4 0.63 31	101.5 13.95 83.62 30
GRIFFINS BR	BOURNVILLE TO CONF. R. REA SP048 812 to SP057 816 1.1 Km at STIRCHLEY SP056 815 64780180	C	E down		RE2	S	-	m sd %ile n	5.36 5.43 11.05 31	0.22 0.19 0.43 31	97.47 9.46 85.35 30
BOURN BK	DITCH FROM CALIFORNIA TO CONF R REA SP010 833 to SP063 850 5.5 Km at PERSHORE ROAD SP061 835 64632060	C	D		RE2	S	-	m sd %ile n	3.31 2.53 6.28 32	0.12 0.14 0.26 32	111.2 23.85 80.59 31
HOCKLEY BK	ALEXANDRA RD HANDSWORTH TO R REA SP037 890 to SP095 889 6.4 Km at WOODBURN ROAD SP037 890 64525830	F	F		RE5	M	-	m sd %ile n	8.94 5.11 15.33 32	0.45 0.31 0.82 32	88.69 10.33 75.45 32
FULL BK	A34 RD BR WALSALL TO CONF. R TAME SP0355 9647 to SP0092 9606 2.6 Km at BESCOT FULL BROOK SP010 961 65413100	O	E		RE4	M	-	m sd %ile n	5.05 9.76 11.46 32	0.51 1.19 1.16 32	87.37 24.55 55.91 32
TAME R (WOLVERHAMPTON ARM	A41 STOW HEATH TO CONF WADDENS BK SO9308 9740 to SO9578 9825 3 Km at US WADDENS BK SO958 981 59024220	F	D up		RE4	C	-	m sd %ile n	3.87 3.42 7.68 44	0.53 0.43 1.03 45	91.78 14.4 73.33 46
TAME R (WOLVERHAMPTON ARM	WADDENS BK TO WESTACRE WILLENHALL SO958 982 to SO959 981 0.3 Km at DS WADDENS BK SO960 982 59024150	F	E up		RE4	M	-	m sd %ile n	4.44 5.25 9.51 45	0.48 0.3 0.85 46	91.98 20.95 65.13 45
TAME R (WOLVERHAMPTON ARM	WESTACRE WILLENHALL TO CONF. FORD BK SO959 981 to SP004 963 3.7 Km at BESCOT US FORD BK SP004 962 59022250	E	E		RE5	C	-	m sd %ile n	4.07 2.97 7.6 55	0.93 0.71 1.76 56	79.21 29.72 41.12 61
TAME R (WOLVERHAMPTON ARM	CONF. FORD BK TO OLDBURY ARM BESCOT SP004 963 to SP007 962 0.5 Km at BESCOT DS FORD BK SP006 963 59022100	E	E		RE5	C	-	m sd %ile n	5.78 3.63 10.25 34	2.02 2.01 4.15 35	86 18.79 61.92 35
HOBNAIL BK	HATELEY HEATH TO CONF. OLOBURY ARM SP0030 9335 to SO9980 9445 1.1 Km at WEDNESBURY SO998 945 65497020	O	E		RE5	C	-	m sd %ile n	5.6 4.76 10.98 35	5.29 1.92 7.81 34	73.26 24.92 41.32 34
TIPTON BK	CASTLE MILL WDS DUDLEY TO SWAN BK SO9470 9120 to SO9625 9278 2.5 Km at ALEXANDRA ROAD SO959 924 65539820	F	F		RE5	S	-	m sd %ile n	10.9 9.51 21.54 36	1.16 0.51 1.62 36	81.29 22.66 52.25 35
TIPTON BK	CONF. SWAN BK TO OLOBURY ARM R. TAME SO9625 9278 to SO9790 9350 1.4 Km at CONF. R. TAME SO978 934 65539050	O	F		RE5	M	-	m sd %ile n	8.18 9.07 17.25 47	1.68 2.08 3.62 48	93.66 22.67 64.61 47
SWAN BK	WOODSETTON TO CONF. WITH TIPTON BK SO9355 9280 to SO9625 9278 3 Km at BLOOMFIELD TERRAC SO949 929 65561370	F	E		RE5	C	-	m sd %ile n	4.81 4.36 9.62 36	0.39 0.52 0.85 36	100.6 20.59 74.22 38
GROVELAND BK	TIVIDALE RD TO CONF. OLDBURY ARM SO964 908 to SO974 915 1.2 Km at JOHN'S LANE, TIPTON SO971 918 65603020	O	F		RE5	M	-	m sd %ile n	9.32 7.15 17.69 36	0.58 0.37 1.03 38	73.91 12.68 57.66 35
FORD BK	WALSALL WOOD STW TO CONF. ROUGH BK SK0360 0410 to SK0235 0093 4.1 Km at DS WALSALL WOOD ST SK026 028 65795580	O	E	e	RE5	C	-	m sd %ile n	5 3.56 9.26 27	1.56 1.31 3.05 27	59.65 17.02 38.04 26
FORD BK	ROUGH BK TO CARTBRIDGE LANE WALSALL SK023 009 to SK022 003 0.3 Km at WALSALL CARTRIDGE SK022 003 65795060	F	E	d	RE5	C	-	m sd %ile n	7.73 4.03 12.84 35	2.64 3.23 5.7 35	81.08 16 60.58 35
FORD BK	CARTBRIDGE LANE WALSALL TO R. TAME SK022 003 to SP0049 9634 5 Km at BESCOT FORD BK SP005 964 65793200	F	E		RE5	C	-	m sd %ile n	5.79 3.32 9.95 55	2.35 2.83 5.05 54	83.87 18.05 60.74 55
ROUGH BK	A4124 RD BR BLOXWICH TO SLACKY LN BR SK0111 0306 to SK0189 0228 1.3 Km at GOSCOTE LANE, PELS SK015 029 65901520	O	B		RE4	C	-	m sd %ile n	2.27 0.98 3.54 34	0.08 0.09 0.17 35	118.5 32.58 76.7 35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
ROUGH BK	SLACKY LN BR TO CONF FORD BK SK0189 0228 to SK0235 0093 1 7 Km at RUSHALL SK023 010 65901050	F	F		RE5	C	-	m sd %ile n	10 63 5 67 17 81 35	3 81 5 02 8 33 35	70 68 14 16 52 54 35
STUBBERS GRN BK	O/L THE SWAG STUBBERS GN TO FORD BK SK0383 0179 to SK0280 0136 1.5 Km at RUSHALL SK030 015 65922160	E	E		RE4	S	-	m sd %ile n	3 7 1 78 5 99 44	0 5 0 48 1 02 45	85 13 38 59 35 67 48
SNEYD BK	POUK HILL TO CONF WOLVERHAMPTON ARM SO9965 9930 to SO9903 9790 1.5 Km at CONF. R TAME SO990 980 66133070	F	E		RE5	C	-	m sd %ile n	4 51 3 32 8 44 33	1 49 0 74 2 44 35	83 74 25 7 50 81 35
DARLASTON BK	COSELEY TO CONF WOLVERHAMPTON ARM SO9450 9540 to SO9705 9760 6 Km at DARLASTON LANE SO967 972 66201350	E	D		RE5	C	-	m sd %ile n	3 97 3 13 7 6 45	0 42 0 24 0 72 45	95 89 34 07 52 23 45
WADDENS BK	WEDNESFIELD TO WOLVERHAMPTON ARM SJ9560 0001 to SO9578 9825 2 Km at SCHOOL ST WILLHALL SO956 986 66245220	E	E		RE5	C	-	m sd %ile n	3 97 6 57 8 94 47	0 71 0 54 1 35 47	67 83 24 46 36 49 47
PYFORD BK	RAILWAY CULVERT TO CONF. FULL BK SK123 115 to SK128 129 2 Km at CURBOROUGH HALL SK128 119 66332580	F	E	I	RE5	C	-	m sd %ile n	9 21 3 17 13 37 35	2 06 1 83 4 09 35	59 66 14 33 41 3 38
PYFORD BK	CONF FULL BK TO CONF. WITH R. TRENT SK128 129 to SK165 154 6 Km at ALREWAS SK163 150 66332150	E	E	F	RE5	C	-	m sd %ile n	4 69 3 1 8 46 36	1 73 1 6 3 47 36	62 16 07 41 4 34
SWARBOURN R	NEWBOROUGH STW TO CONF. R. TRENT SK1345 2360 to SK1624 1633 8 Km at YOXALL, MEADOW LAN SK151 177 66529440	B	B	a	RE2	C	C	m sd %ile n	1 64 0 76 2 62 31	0 12 0 08 0 21 31	90 77 11 67 75 82 30
BOURNE/ BILSON BK	CONF. BILSON & BEN BKS TO R. TRENT SK1010 1350 to SK1460 1640 6 Km at LUPIN FARM SK144 162 67015100	E	B up	C	RE2	C	-	m sd %ile n	1 93 0 83 3 01 36	0 08 0 11 0 17 36	98 46 12 26 82 75 35
BLITHE R	COOKSHILL-W.COYNEY BR TO CRESSWELL RD BR SJ9418 4356 to SJ9752 3930 6 Km at CRESSWELL SJ975 393 67425900	B	C	C	RE2	M	-	m sd %ile n	2 46 2 67 5 16 35	0 14 0 36 0 32 36	102 0 13 81 64 33 36
BLITHE R	CRESSWELL ROAD BR TO BLITHFIELD RES. SJ9752 3930 to SK0705 2268 25 Km at NEWTON BRIDGE SK048 259 67420660	B	B	A	RE2	C	C	m sd %ile n	1 82 0 71 2 75 43	0 07 0 1 0 16 45	99 07 10 14 86 07 45
BLITHE R	BLITHFIELD RES. OVERFLOW TO R. TRENT SK0705 2268 to SK1146 1758 8.5 Km at HAMSTALL RIDWARE SK109 190 67417370	B	B	B	RE2	C	C	m sd %ile n	1 83 0 67 2 71 36	0 08 0 1 0 18 36	92 23 11 76 77 16 35
MORETON BK	B5013 RD BRIDGE TO CONF. R. TRENT SK0441 2128 to SK0497 1870 3 Km at CONFLUENCE WITH TR SK050 190 69768060	B	B		RE3	C	-	m sd %ile n	1 84 1 09 3 2 36	0 18 0 51 0 41 36	90 92 13 2 74 36
SOW R	COPMERE LAKE TO A519 RD BR ECCLESHALL SJ805 295 to SJ830 295 3 Km at ECCLESHALL SJ831 296 70262820	E	E		RE2	S	-	m sd %ile n	3 71 10 95 8 22 50	0 22 0 28 0 47 50	81 35 21 86 52 32 49
SOW R	A519 RD BR ECCLESHALL TO HILLCOTE BR SJ830 295 to SJ845 294 3 Km at HILLCOTE BR SJ845 294 70261980	E	D	c	RE2	S	C	m sd %ile n	2 02 1 15 3 46 46	0 17 0 2 0 37 46	77 35 19 62 52 2 43
SOW R	HILLCOTE BR B5026 TO CONF. MEECE BK SJ845 294 to SJ874 282 6 Km at CHEBSEY SJ860 285 70261360	F	D up		RE2	S	C	m sd %ile n	1 78 0 69 2 68 30	0 12 0 1 0 23 30	81 9 22 51 53 05 29
SOW R	MEECE BK TO A5013 RD BR GREAT BRIDGFORD SJ874 282 to SJ884 269 1.5 Km at GREAT BRIDGEFORD SJ884 269 70260380	D	C	a	RE2	C	C	m sd %ile n	1 96 0 86 3 06 36	0 1 0 11 0 22 36	91 16 54 69 8 35
SOW R	A5013 GREAT BRIDGFORD TO CONF. R. PENK SJ884 269 to SJ943 229 9 5 Km at FAIRWAY SJ934 228 70257580	C	C	b	RE2	S	C	m sd %ile n	1 95 1 04 3 26 30	0 14 0 1 0 25 29	82 93 17 02 61 12 29

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SOW R	CONF. R PENK TO DITCH FROM BRANCOTE SJ943 229 to SJ955 223 1.5 Km at ST. THOMAS BRIDGE SJ946 228 70257450	D	C	b	RE2	M	C	m sd %ile n	2.6 1.43 4.4 31	0.13 0.14 0.27 31	89.94 14.47 71.4 30
SOW R	DITCH FROM BRANCOTE TO CONF. R TRENT SJ955 223 to SJ995 225 5.5 Km at MILFORD SJ975 215 70256300	D	C up	c	RE3	C	C	m sd %ile n	2.57 1.65 4.59 76	0.17 0.14 0.33 77	86.16 13.91 68.34 77
PENK R	LANE GREEN-FORD HOUSES BR TO SAREDON BK SJ890 035 to SJ903 075 6 Km at LOWER GREEN-COVEN SJ904 072 70483505	D	B	D	RE3	C	-	m sd %ile n	2.44 0.96 3.7 49	0.16 0.28 0.37 49	95.85 19.29 71.13 48
PENK R	CONF. SAREDON BK TO CUTTLESTONE BRIDGE SJ903 075 to SJ914 137 7 Km at BREWOOD SJ895 093 70481650	D	C	C	RE3	C	-	m sd %ile n	2.63 2.09 5.05 49	0.16 0.16 0.33 49	100.7 19.68 75.52 49
PENK R	CUTTLESTONE BRIDGE TO CONF R SOW SJ914 137 to SJ943 228 13.9 Km at STAFFORD RADFORD SJ938 216 70476840	D	C	C	RE2	C	-	m sd %ile n	2.08 0.85 3.19 50	0.12 0.12 0.25 50	91 18.04 67.88 51
WHISTON BK	LONGNOR MILL TO CONF. CHURCH EATON BK SJ874 142 to SJ891 149 4.5 Km at MITTON MANOR SJ889 148 71363900	D	C	C	RE2	S	S	m sd %ile n	1.79 0.99 3.03 31	0.13 0.15 0.27 31	86.13 17.83 63.28 31
WHISTON BK	CONF. CHURCH EATON BK TO CONF R PENK SJ891 149 to SJ916 142 4.5 Km at WHISTON MILL SJ901 142 71363300	C	C	C	RE2	M	C	m sd %ile n	2.5 2.1 4.88 25	0.22 0.47 0.49 25	92.76 24.29 61.63 25
CHURCH EATON BK	CHURCH EATON-APETON RD BR TO WHISTON BK SJ849 178 to SJ891 149 5.6 Km at AT CHURCH EATON SJ857 172 71450900	C	D	C	RE2	S	-	m sd %ile n	1.74 1.12 3.11 31	0.2 0.17 0.39 31	80.03 19.11 55.55 30
SAREDON BK	TRIB FROM NORTON CANES TO GREAT WYRLEY SK002 071 to SJ998 077 1 Km at A5 ROAD BRIDGE SJ998 077 72773100	C	C	C	RE3	C	-	m sd %ile n	2.18 1.71 4.16 28	0.18 0.12 0.33 28	82.62 17.23 60.54 28
SAREDON BK	A5 RD BR GREAT WYRLEY TO CHURCHBRIDGE SJ998 077 to SJ985 084 1.9 Km at CHURCH BRIDGE SJ985 084 72772480	D	O	D	RE3	S	-	m sd %ile n	1.68 0.8 2.71 36	0.68 0.79 1.45 36	87.23 12.31 71.45 41
SAREDON BK	CHURCHBRIDGE TO CONF. WITH RIDINGS BK SJ985 084 to SJ972 086 1.5 Km at WALK MILL LANE SJ977 082 72772220	F	C up	B	RE4	C	-	m sd %ile n	1.73 1.14 3.11 36	0.47 0.22 0.75 36	84.19 12.43 68.26 36
SAREDON BK	CONF. WITH RIDINGS BK TO SAREDON MILL SJ972 086 to SJ946 087 2.4 Km at WEDGES MILL SJ967 088 72771830	F	C up	D	RE5	C	-	m sd %ile n	2.42 1.13 3.87 35	0.53 0.63 1.14 35	83.08 9.96 70.31 39
SAREDON BK	SAREDON MILL TO CONF. R. PENK SJ946 087 to SJ903 075 5.2 Km at STANDEFORD SJ912 078 72770190	E	C up	C	RE3	C	-	m sd %ile n	2.16 0.57 2.91 48	0.29 0.42 0.65 48	95.52 13.66 78.01 48
LATHERFORD BK	RD BR US HILTON STW TO CONF. SAREDON BK SJ9655 0542 to SJ928 081 5 Km at LATHERFORD SJ938 075 72837350	E	C	O	RE3	C	-	m sd %ile n	1.97 0.78 2.99 32	0.3 0.73 0.67 32	94.63 14.27 76.34 32
RIDINGS BK	RUMER HILL RD BR TO CONF. SAREDON BK SJ984 095 to SJ972 086 2 Km at BRIDGETOWN SJ979 089 73027380	C	C	D	RE3	C	-	m sd %ile n	2.64 2.12 5.08 31	0.16 0.1 0.28 31	87.83 11.63 72.93 30
MARSTON BK	MARSTON LANE BR TO CONF. R. SOW SJ919 267 to SJ933 229 5 Km at STAFFORD SJ934 229 73957350	D	D		RE3	M	-	m sd %ile n	3.48 4.89 7.7 31	0.35 0.33 0.71 31	83.2 19.54 58.16 30
DOXEY BK	CONF. CLANFORD BK TO CONF. R. SOW SJ879 234 to SJ903 243 4 Km at DOXEY SJ898 237 74357450	C	C	c	RE3	C	-	m sd %ile n	2.4 1.41 4.16 31	0.25 0.48 0.6 31	95.07 26.18 61.52 30
MEECE BK	TRIB FROM WOODHILL FM TO CONF. R. SOW SJ832 333 to SJ874 282 11.9 Km at HALFHEAD SJ875 291 75129380	D	B	a	RE2	C	C	m sd %ile n	1.83 0.71 2.75 36	0.08 0.07 0.15 36	93.57 17.95 70.57 35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
PASTUREFIELD BK	TRIB FROM HIXON IND EST TO R TRENT SJ997 246 to SJ996 237 1.5 Km at FARLEY BRIDGE SJ996 245 76717300	C	E		RE5	C	-	m sd %ile n	4 33 3.02 7.95 29	2 05 2.27 4 32 29	65.93 15.63 45.9 28
GAYTON BK	B5027 RD BR MILWICH TO CONF. R. TRENT SJ9689 3242 to SJ9690 2718 6 Km at BOAT LANE, WESTON SJ971 271 76795060	C	B		RE3	C	-	m sd %ile n	2.12 1.01 3 41 29	0 12 0 16 0 27 29	95.39 11.73 80 36 28
SCOTCH BK	BARLASTON COMMON TO CONF. R TRENT SJ9208 3980 to SJ9018 3344 7 Km at STONE SJ902 334 77243020	O	C		RE2	S	-	m sd %ile n	2.83 2.32 5 48 32	0 17 0 11 0 3 32	96 85 6 28 89 8 26
LONGTON BK	CONF COCKSTERS BK TO CONSTANCE AVENUE SJ894 428 to SJ875 415 2 9 Km at CONSTANCE AV SJ875 415 77589520	E	C up		RE4	C	-	m sd %ile n	2 11 1 29 3 7 36	0 7 0 32 1 12 36	89 48 11 05 75 32 39
LONGTON BK	CONSTANCE AVENUE TO CONF R TRENT SJ875 415 to SJ867 408 1 Km at TRENTHAM SJ869 409 77614580	F	D up		RE3	M	-	m sd %ile n	2 5 2 2 4 96 36	0 2 0 24 0 42 36	8 63 19 02 57 26 35
PARK BK	LYMES COTTAGE SEABRIDGE TO R TRENT SJ8310 4330 to SJ8662 4094 5 Km at TRENTHAM SJ866 410 77758020	B	C		RE2	M	-	m sd %ile n	2 75 1 6 4 76 32	0 12 0 14 0 26 32	92 83 10 36 79 55 30
LYME BK	CONF. SILVERDALE BK TO CONF. R. TRENT SJ8412 4620 to SJ8644 4240 5.7 Km at TRENT CONF. SJ864 425 77937100	E	B up		RE3	C	-	m sd %ile n	2.25 0 94 3 47 37	0 14 0 16 0 29 37	103.3 14 62 84 59 37
CHITLINGS BK	TRENT & MERSEY CANAL CULVERT TO R.TRENT SJ881 426 to SJ871 431 1.4 Km at TRENT VALE SJ872 431 78226030	F	D up		RE4	C	-	m sd %ile n	1 41 2.03 3.13 36	0 69 0.53 1.31 36	75 72 8 52 64 8 32
FOWLEA BK	ADJ. TO A34 AT TALKE TO CONF. SCOTIA BK SJ8340 5166 to SJ8560 4950 3 Km at LONGBRIDGE HAYES SJ854 498 78376100	F	E		RE5	C	-	m sd %ile n	4.28 9 04 9 74 37	0.8 0 98 1.72 37	83 73 13.96 65 84 37
FOWLEA BK	CONF. SCOTIA BK TO SHELTON NEW ROAD SJ8560 4950 to SJ8682 4638 3 Km at SHELTON NEW ROAD SJ868 463 78373900	F	E		RE5	C	-	m sd %ile n	4 95 6.91 10 92 46	0.73 0.63 1.43 46	79 67 25 03 47.59 48
FOWLEA BK	SHELTON NEW ROAD TO CONF. R. TRENT SJ8682 4638 to SJ8792 4468 2.5 Km at WHIELDON ROAD SJ880 449 78373180	F	E		RE5	C	-	m sd %ile n	5.2 6.77 11 35 47	0.56 0 65 1.2 47	91.62 18.5 68 11 45
SCOTIA BK	POND TURNHURST HILL TO TUNSTALL SJ8634 5340 to SJ8659 5237 1.1 Km at ST MICHEALS RD SJ866 523 78525020	C	B		RE5	C	-	m sd %ile n	2.23 0 95 3 46 13	0 07 0 05 0 13 13	89 64 11 6 74 78 14
SCOTIA BK	ST. MICHEALS RD TUNSTALL TO BURSLEM SJ8659 5237 to SJ8622 5038 2 Km at WESTPORT RD SJ862 504 78524450	E	F		RE5	M	-	m sd %ile n	7 34 10 4 16.24 37	1.55 2.72 3 5 36	84.61 15.18 65 16 36
SCOTIA BK	WESTPORD RD BURSLEM TO CONF. FOWLEA BK SJ8622 5038 to SJ8560 4950 1.2 Km at MIDDLEPORT SJ858 500 78524380	D	E		RE5	C	-	m sd %ile n	3:12 2 4 5.93 37	1.37 1.02 2.57 37	77.89 17.2 55 84 36
CAUSELEY BK	TRIB STEWARD'S FM TO CONF. R. TRENT SJ918 472 to SJ894 469 3 Km at BUCKNALL SJ894 469 78704020	C	C		RE3	C	-	m sd %ile n	2 44 1.85 4 62 31	0.18 0.13 0.33 32	96 55 12.27 80 83 29
FORD GREEN BK	A527 BRINDLEY FORD TO BEMERSLEY GREEN SJ8798 5466 to SJ8810 5418 0 8 Km at BRINDLEY FD SJ882 545 78894100	D	E		RE4	M	-	m sd %ile n	4 83 7 28 10.77 35	0 44 0 55 0 95 36	91.97 13 96 74 09 39
FORD GREEN BK	BEMERSLEY GREEN TO CONF. R. TRENT SJ8810 5418 to SJ9036 4965 6 2 Km at MILTON SJ903 497 78892030	C	E down		RE3	S	-	m sd %ile n	2 2 1.46 3.97 35	0 47 0.76 1.06 36	66 2 23 56 36 35
SEVERN R	CWM RICKET FORD TO CONF. A. CLYWEDOG SN8619 8670 to SN9541 8477 11.5 Km at LLANDIDLOES FELINDR SN944 839 00074380	A	A	A	RE1	C	S	m sd %ile n	1.33 0 5 1 99 37	0 02 0 02 0 05 39	99.21 4 44 93 52 41

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SEVERN R	CONF. A CLYWEDOG TO CONF A CERIST SN9541 8477 to SO0250 9149 14.5 Km at DOLWEN SN997 852 00072250	A	B	A	RE1	M	S	m sd %ile n	1.63 0.69 2.53 41	0.02 0.02 0.04 41	100.2 2.52 95.99 42
SEVERN R	CONF. A CERIST TO CONF. MOCHDRE BK SO0250 9149 to SO0865 9080 12.3 Km at CAERSWS SO032 917 00070450	A	A	A	RE1	C	S	m sd %ile n	1.43 0.57 2.17 38	0.03 0.02 0.05 39	96.9 3.64 92.23 40
SEVERN R	CONF. MOCHDRE BK TO NEWTOWN STW SO0865 9080 to SO1397 9275 7.4 Km at FBR BACK LANE SO105 916 00067800	A	B		RE1	M	S	m sd %ile n	1.57 0.92 2.72 85	0.03 0.03 0.06 85	98.68 3.07 94.76 84
SEVERN R	NEWTOWN STW TO CONF. THE MULE SO1397 9275 to SO1594 9480 3.5 Km at ABERBECHAN SO145 935 00065870	B	B		RE1	M	S	m sd %ile n	1.67 0.73 2.62 85	0.07 0.07 0.14 85	98.89 3.37 94.57 84
SEVERN R	CONF. THE MULE TO WELSHPOOL STW SO1594 9480 to SJ2352 0726 20.3 Km at CAERHOWEL SO196 981 00064480	O	A		RE1	C	S	m sd %ile n	1.51 0.59 2.29 43	0.04 0.04 0.08 43	98.44 3.58 93.86 42
SEVERN R	WELSHPOOL STW TO CONF. A VYRNWY SJ2352 0726 to SJ3280 1586 25 Km at LLANDRINIO SJ298 169 00060200	A	B		RE1	M	S	m sd %ile n	1.59 0.75 2.55 42	0.06 0.05 0.12 43	97.32 3.49 92.85 49
SEVERN R	CONF. A VYRNWY TO CONF. R. PERRY SJ3280 1586 to SJ4402 1863 18.5 Km at MONTFORD BR SJ432 153 00056710	B	B	c	RE1	M	C	m sd %ile n	1.74 0.66 2.6 56	0.05 0.07 0.12 58	96.8 7.81 86.78 60
SEVERN R	CONF. R. PERRY TO MONKMOOR STW OUTFALL SJ4402 1863 to SJ5210 1328 25 Km at SHELTON INTAKE SJ467 137 00055140	A	A		RE2	C	C	m sd %ile n	1.35 0.68 2.22 40	0.04 0.04 0.08 39	96.39 3.94 91.35 42
SEVERN R	MONKMOOR STW OUTFALL TO CONF. R. TERN SJ5210 1328 to SJ5532 0915 10 Km at ATCHAM SJ540 093 00052182	B	B		RE2	M	C	m sd %ile n	1.62 0.78 2.63 81	0.07 0.08 0.14 81	99.04 9.37 87.04 68
SEVERN R	CONF. R. TERN TO CONF. MUCH WENLOCK BK SJ553 091 to SJ641 044 14 Km at CRESSAGE SJ593 045 00049650	B	C		RE2	M	C	m sd %ile n	2.21 1.91 4.35 47	0.12 0.2 0.27 48	96.51 9.21 84.71 34
SEVERN R	CONF. MUCH WENLOCK BK TO COALPORT STW SJ641 044 to SJ710 013 11.5 Km at COALPORT SJ702 021 00045702	B	B		RE2	C	C	m sd %ile n	1.8 0.88 2.93 35	0.07 0.05 0.13 36	101.1 9.41 89.07 31
SEVERN R	COALPORT STW TO CONF. R. WORFE SJ710 013 to SO724 952 6 Km at APLEY FORGE SO707 983 00044720	O	B		RE2	C	C	m sd %ile n	1.77 0.84 2.85 36	0.08 0.05 0.14 37	98.19 19.7 72.95 32
SEVERN R	CONF. R. WORFE TO CONF. R. STOUR SO724 952 to SO812 707 .30 Km at BEWDLEY SO787 754 00038360	B	B		RE2	C	C	m sd %ile n	1.7 0.74 2.66 35	0.07 0.06 0.13 35	94.29 7.6 84.56 34
SEVERN R	CONF. R. STOUR TO CONF. R. SALWARPE SO812 707 to SO841 601 22 Km at HOLT FLEET SO824 633 00034302	B	B	c	RE2	C	C	m sd %ile n	2.23 0.73 3.19 33	0.12 0.08 0.22 33	95.13 9.62 82.8 32
SEVERN R	CONF. R. SALWARPE TO BARBOURNE WTW SO841 601 to SO843 566 5.4 Km at BEVERE SO840566 00032360	O	B	c	RE2	C		m sd %ile n	2.26 1.03 3.59 19	0.12 0.08 0.21 19	92.16 7.03 83.16 18
SEVERN R	BARBOURNE WTW TO WORCESTER STW SO843 566 to SO847 532 3.5 Km at WORCESTER BRIDGE SO846 547 00030850	C	B up		RE2	C	C	m sd %ile n	2.07 0.69 2.97 36	0.12 0.1 0.24 36	92.27 10.83 78.4 33
SEVERN R	WORCESTER STW TO CONF. R. TEME SO847 532 to SO850 521 1.3 Km at OIL DEPOT BATH RD SO850 523 00030090	C	B		RE2	C	C	m sd %ile n	2.45 1.06 3.82 39	0.23 0.16 0.42 39	95.05 9.52 82.85 37
SEVERN R	CONF. R. TEME TO CONF. HATFIELD BK SO850 521 to SO846 489 3.4 Km at KEMPSEY SO846 495 00029500	C	B up	B	RE2	C	C	m sd %ile n	2.08 0.72 3.03 41	0.13 0.08 0.24 41	99.75 16.38 78.76 41

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SEVERN R	HATFIELD BK TO RIPPLE SUPPLY INTAKE SO846 489 to SO865 399 12 6 Km at UPTON ON SEVERN SO851 407 00027540	B	B	C	RE2	C	C	m sd %ile n	2 19 1 01 3 49 55	0 14 0 1 0 25 55	100 4 17 9 77 49 56
SEVERN R	RIPPLE SUPPLY INTAKE TO CONF R AVON SO865 399 to SO888 331 8 5 Km at TEWKESBURY SO888 337 00026230	C	B	B	RE2	C	C	m sd %ile n	2 04 0 65 2 9 41	0 14 0 08 0 24 41	96 24 18 49 72 54 41
SEVERN R	CONF. R AVON TO CONF R CHELT SO888 331 to SO848 262 10 Km at HAW BRIDGE SO845 278 00025085	C	B	D	RE2	C	C	m sd %ile n	2 28 1 37 3 98 42	0 16 0 1 0 28 42	95 53 13 7 77 98 45
SEVERN R	CONF. R CHELT TO ASHLEWORTH SO848 262 to SO819 250 3 5 Km at ASHLEWORTH SD819 250 00024062	C	B	F	RE2	C	C	m sd %ile n	2 2 1 11 3 61 42	0 17 0 1 0 29 42	94 56 16 18 73 82 41
SEVERN R	ASHLEWORTH TO LLANTHONY WEIR SO819 250 to SO823 182 8 2 Km at LLANTHONY BR SO824 182 00021202	E	C up		RE2	M	C	m sd %ile n	2 13 0 96 3 36 36	0 22 0 13 0 38 36	93 18 41 69 41 37
DANIEL'S BK	US BROOKTHORPE TO GLOS/SHARPNESS CANAL SO832 114 to SO814 155 5.1 Km at BRISTOL ROAD SO813 154 03883020	B	C	d	RE2	S	-	m sd %ile n	2 68 2 84 5 59 34	0 2 0 45 0 46 34	95 59 11 77 80 51 34
SUD BK	B4073 GLOUCESTER TO GLOS/SHARPNESS CANAL SO855 153 to SO8260 1785 5 Km at WESTON RD SO832 177 03933100	B	A	C	RE2	C	-	m sd %ile n	1 52 0 74 2 48 33	0 07 0 05 0 13 33	93 88 6 88 85 06 33
CAM R	BELOW OINGLE FARM TO UPSTREAM LISTERS ST796 993 to ST762 982 4 5 Km at ULEY NR STOUTS MILL ST7858 9792 03698880	B	B	b	RE1	M	-	m sd %ile n	1 6 0 97 2 79 35	0 05 0 09 0 12 36	99 77 12 55 83 7 35
CAM R	UPSTREAM LISTERS TO COALEY STW OUTFALL ST762 982 to SO756 022 5 Km at COALEY JUNCTION SO755 020 03696680	A	B	e	RE1	M	-	m sd %ile n	1 68 0 93 2 86 34	0 05 0 05 0 1 36	102 5 14 23 84 3 34
CAM R	COALEY STW OUTFALL TO WATEREND FARM SO756 022 to SO757 027 1 Km at US COALEY MILL SO760 023 03696610	D	D	e	RE3	S	-	m sd %ile n	3 97 1 5 5 93 35	0 77 0 59 1 46 36	86 79 17 71 64 1 34
CAM R	WATEREND FM TO GLOUC/SHARPNESS CANAL SO757 027 to SO738 050 3 6 Km at CONFLUENCE CANAL SO738 051 03696020	C	D down	b	RE3	M	-	m sd %ile n	3 14 2 43 5 97 33	0 45 0 57 0 98 34	81 63 21 76 53 74 35
COALEY BK	TICKSHILL-HYDEGATE BR TO RIVER CAM ST782 996 to SO760 023 3.8 Km at CONF. CAM SO761 023 03780020	C	C	c	RE1	S	-	m sd %ile n	2 04 1 43 3 76 33	0 12 0 17 0 27 34	87 59 18 6 63 76 32
CONE BK	BELOW SMALLBROOK TO R. SEVERN SO598 005 to ST604 986 3 Km at A48 BR SO599 004 00161470	O	B	B	RE1	M	-	m sd %ile n	1 47 0 88 2 57 36	0 04 0 04 0 08 37	99 11 9 23 87 29 36
COLLIERS BK	COTTAGE FM AYLBURTON TO R. SEVERN SO590 026 to SO624 000 5 Km at ALVINGTON SO609 013 00195400	B	A	A	RE2	C	-	m sd %ile n	1 38 0 56 2 11 32	0 06 0 08 0 13 34	98 39 9 91 85 69 33
PARK BK	CURVES HILL TO CONF WITH COLLIERS BK SO608 035 to SO621 004 3.5 Km at AYLBURTON SO619 019 00203410	A	A	A	RE2	C	-	m sd %ile n	0 98 0 51 1 63 36	0 02 0 01 0 03 38	98 28 8 19 87 79 35
CANNOP BK	CANNOP PONDS OUTLET TO NORCHARDS DRIFT SO608 100 to SO629 044 7 Km at US WHITECROFT SO618 066 00260000	A	A	a	RE1	C	S	m sd %ile n	1 14 0 51 1 8 37	0 02 0 01 0 04 38	96 72 10 71 83 36
CANNOP BK	NORCHARDS DRIFT TO BIFURCATION M.FORGE SO629 044 to SO632 038 0.7 Km at OLD FORGE SO632 037 00259560	B	B	c	RE3	C	-	m sd %ile n	0 98 0 66 1 78 35	0 11 0 03 0 15 36	88 74 8 53 77 81 34
CANNOP BK	BIFURCATION M.FORGE TO A48 LYDNEY SO632 038 to SO634 034 0.8 Km at NEWERNE SO634 034 00258470	A	A	c	RE3	C	-	m sd %ile n	0 83 0 42 1 36 33	0 08 0 03 0 12 34	96 76 11 71 81 75 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
CANNOP BK	A48 RD BR LYDNEY TO CONF WITH THE CUT SO634 034 to SO634 018 2 Km at LYDNEY STATION SO633 020 00258100	B	A	c	RE3	C	-	m sd %ile n	1.21 0 6 1.97 32	0.08 0 03 0 12 33	98 81 11.4 84.2 31
CANNOP BK	CONF. WITH THE CUT TO R. SEVERN SO634 018 to SO650 014 1.5 Km at LYDNEY HARBOUR SO650 014 00257020	D	B up	B	RE3	C	-	m sd %ile n	1 49 0 7 2.39 35	0 08 0.06 0.15 36	101.6 18 2 78.26 34
CANNOP BK	BIFURCATION M FORGE TO US CROMPTON SO632 038 to SO632 022 1.5 Km at US CROMPTON J R SO632 022 00257500	B	B	c	RE3	C	-	m sd %ile n	1 61 2 03 3 49 37	0 07 0 03 0 11 37	98 34 13 53 81 01 32
CANNOP BK	US CROMPTON TO JN OF CUT AND CANNOP BK SO632 022 to SO634 017 0.6 Km at THE CUT SO634 018 00218080	D	B	D	RE3	C	-	m sd %ile n	1 47 1 09 2 76 36	0 11 0 2 0 26 37	95 86 11 95 80 57 34
BIRCHES DINGLE	SOURCE AT THE BIRCHES TO CANNOP BK SO625 079 to SO616 074 1.5 Km at DS PARKEND SO617 075 00411050	A	A	a	RE1	C	-	m sd %ile n	0 82 0 44 1 37 33	0 07 0 04 0 13 34	94 54 10 46 81 12 33
CINDERFORD BK	DRYBROOK BR TO BILSON GREEN IND. ESTATE SO644 174 to SO646 153 2.5 Km at STEAM MILLS SO647 157 00772300	B	B	D	RE2	C	-	m sd %ile n	1 74 1 79 3 6 36	0 08 0 13 0 18 36	95 41 9 68 83 01 36
CINDERFORD BK	BILSDN GREEN EST TO FB STOCKWELL GREEN SO646 153 to SO650 133 1.9 Km at DS CRUMPMEADOW ST SO648 138 00771940	E	C up	D	RE3	C	-	m sd %ile n	2.12 1.1 3.52 36	0 15 0.31 0 35 36	94.25 19 58 69.16 36
CINDERFORD BK	FB STOCKWELL GREEN TO RUSPIDGE SO650 133 to SO653 111 2.5 Km at US CULVERT RUSPIDG SO648 115 00771100	C	C	C	RE3	C	-	m sd %ile n	2.4 1.45 4.2 35	0.12 0.26 0.28 35	104.4 20.23 78.42 35
CINDERFORD BK	RUSPIDGE TO ROAD BR UPPER SOUDLEY SO653 111 to SO654 103 0 6 Km at UPPER SOUDLEY SO654 103 00770750	B	A	B	RE3	C	-	m sd %ile n	1 45 0 61 2 25 34	0 08 0.21 0.17 34	101.5 15 65 81.42 34
CINDERFORD BK	UPPER SOUDLEY TO B4227 LOWER SOUDLEY SO654 103 to SO665 103 1 Km at LOWER SOUDLEY SO665 104 00770590	B	A	B	RE2	C	-	m sd %ile n	1.58 0 6 2.37 36	0.05 0.05 0.1 37	104.3 17.12 82 36 37
CINDERFORD BK	B4227 LOWER SOUDLEY TO R. SEVERN SO665 103 to SO699 067 8 7 Km at NETHER HALL SO678 017 00769700	B	A	B	RE2	C	-	m sd %ile n	1 41 0 59 2.17 34	0 03 0 03 0 06 34	101.7 12.18 86 12 33
BLACKPOOL BK	RD BR BLAKELEY WALK TO CINDERFORD BK SO650 089 to SO671 069 4 Km at BLAKENEY SO669 069 00825100	A	A	A	RE1	C	-	m sd %ile n	1.35 0.74 2.28 36	0 03 0.04 0 06 36	103 6 15 78 83.35 35
WESTBURY BK	SHARPBRIDGE TO LONGHOPE BK SO674 162 to SO710 154 4.5 Km at BOSELEY SO710 154 01104820	B	B	B	RE2	C	-	m sd %ile n	1.58 0 66 2.43 37	0.1 0.14 0.21 37	93 89 13 89 76 09 37
WESTBURY BK	LONGHOPE BK TO CONF. WITH R. SEVERN SO710 154 to SO713 133 2.7 Km at WESTBURY SO718 139 01104650	B	B	B	RE2	C	-	m sd %ile n	1.73 1.11 3.09 36	0.1 0 1 0.21 36	100.9 16 38 79.95 36
LONGHOPE BK	A4136 LONGHOPE TO LONGHOPE STW OUTFALL SO688 188 to SO691 179 1.5 Km at BARN FARM SO691 183 01148820	C	B	C	RE2	C	-	m sd %ile n	1.47 0 62 2.5 36	0.03 0 04 0 06 36	97.67 10.65 84 01 36
LONGHOPE BK	LONGHOPE STW TO CONF. WITH WESTBURY BK SO691 179 to SO710 154 3.5 Km at DS LONGHOPE WRW SO692 173 01148620	O	C	D	RE2	S	-	m sd %ile n	2.71 2 5.08 38	0 46 1.13 1.03 38	92.17 14.21 73.96 36
FROME R	FB AT DUNTISBOURNE COMMON TO SLAD BK SO951 067 to SO848 050 16 8 Km at OS BRIMSCOMBE SO863 028 01351880	A	A	B	RE1	C	S	m sd %ile n	1.07 0.44 1.64 36	0.02 0 01 0 04 37	105 4 9 45 93 26 37
FROME R	CONF WITH SLAD BK TO RYEFORD SO848 050 to SO814 046 3 5 Km at EBLEY SO826 045 01349520	A	A	B	RE1	C	C	m sd %ile n	1.54 0 67 2 41 38	0 03 0 02 0 06 38	104 3 10 15 91 34 38

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
FROME R (SOUTHERN ARM)	RYEFORD TO STANLEY DOWNTON STW SO814 046 to SO792 049 2 7 Km at BEARDS MILL SO795 048 01348740	B	A	B	RE1	C	-	m sd %ile n	1 54 0 64 2 38 36	0 03 0 02 0 06 37	101.7 15 37 81.95 37
FROME R (SOUTHERN ARM)	STANLEY DOWNTON STW TO CONF NORTH ARM SO792 049 to SO781 057 2 Km at MILL END SO781 054 01348710	D	D	D	RE3	S	-	m sd %ile n	4 06 1.64 6 43 41	0 69 0 89 1.5 42	85 79 15 3 66 19 43
FROME R (NORTH ARM)	EBLEY TO CONF SOUTH ARM SO823 044 to SO781 057 5 Km at CHURCH END SO783 056 01348240	B	B	B	RE1	S	-	m sd %ile n	1.82 0 86 2 92 36	0 06 0 05 0 12 37	100 5 12 65 84 24 37
FROME R (SOUTHERN ARM)	CONF WITH NORTH ARM TO R SEVERN SO781 057 to SO751 105 8 2 Km at WHEATENHURST SO758 089 01347550	C	C	B	RE2	M	C	m sd %ile n	2 31 1 53 4 17 36	0 22 0 3 0 49 37	95 28 20 61 68 87 39
PAINSWICK S	FB AT DAMSELLS TO STROUDWATER CANAL SO878 113 to SO845 051 7 5 Km at CAINSCROSS RD SO845 052 01502050	O	B	c	RE1	M	-	m sd %ile n	1 61 0 95 2 79 32	0 04 0 04 0 08 33	98 18 10 73 84 43 33
SLAD BK	ABOVE UPLANDS TO STROUDWATER CANAL SO865 051 to SO848 051 2 Km at MERRYWALKS STROU SO848 053 01502120	C	B		RE1	M	-	m sd %ile n	1.68 1.06 2 98 35	0 04 0 04 0 08 35	98 12 10 03 85 26 35
NAILSWORTH S	DS OF CHERINGTON POND TO AVENING STW ST897 984 to ST877 986 2.7 Km at AVENING ST878 984 01749260	A	A		RE1	C	-	m sd %ile n	1 11 0 56 1 83 36	0 02 0 01 0 03 35	103.7 14 24 85 43 35
NAILSWORTH S	AVENING STW TO NAILSWORTH ST877 986 to ST848 999 3 Km at DS AVENING WRW ST876 987 01749120	D	A up		RE1	C	-	m sd %ile n	1.39 0.85 2 44 36	0.02 0 03 0 05 36	101.6 12.16 86 34
NAILSWORTH S	NAILSWORTH TO CONF. WITH R. FROME ST848 999 to SO834 045 5 Km at DUDBRIDGE SO834 045 01746020	B	B	d	RE2	C	-	m sd %ile n	1.59 0 82 2 63 36	0.03 0.03 0.07 36	98.27 13 45 81.04 33
HORSLEY S	KINGSCOTE WOOD TO NAILSWORTH STREAM ST825 973 to ST852 997 4 Km at US NAILSWORTH ST847 991 01870280	B	A		RE1	C	-	m sd %ile n	1.21 0.48 1.84 36	0 05 0.03 0.09 36	96.17 6.36 88 03 34
LEY BK	FB AT ROUND HILL TO R. SEVERN SO718 183 to SO758 165 5 Km at DENNY BR SO758 165 02403160	D	C	C	RE2	M	-	m sd %ile n	2 06 1 09 3 44 36	0 29 0 35 0 62 36	90 13 08 73 23 35
DIMORE BK	WATERWELLS TO CONF. WITH R. SEVERN SO814 126 to SO793 150 3 7 Km at ELMORE SO792 148 02617020	D	D	d	RE4	C	-	m sd %ile n	1 85 1 44 3 52 36	0 06 0 09 0 13 36	86 55 21.15 59 44 36
LEADON R	US EVESBATCH POOLS TO FB TO HILL FM. SO690 483 to SO695 464 2.2 Km at STEENS BR SO692 469 02853660	O	B	C	RE2	C	S	m sd %ile n	1.54 0 69 2 43 33	0 05 0 08 0 12 34	94 8 14 8 75.84 34
LEADON R	FB TO HILL FM TO CONF. WITH STONEY BK. SO695 464 to SO693 418 5 6 Km at BOSBURY BR SO695 434 02852980	C	B	A	RE2	C	S	m sd %ile n	1.66 0.67 2.53 35	0.07 0.09 0 15 35	95 03 14.55 76 38 34
LEADON R	STONEY BK TO CONF. WITH STORES BK SO693 418 to SO697 402 2 Km at UPLANDS BR SO696 404 02852360	C	B	C	RE2	C	S	m sd %ile n	1.82 0 81 2 87 37	0 1 0 12 0 22 37	94.71 14.1 76 63 37
LEADON R	STORES BK TO A438 NEW MILLS SO697 402 to SO701 385 1.8 Km at NEW MILLS SO701 385 02851740	B	C	B	RE2	M	S	m sd %ile n	1.59 0.74 2.54 34	0.06 0.06 0.13 34	90.79 16 63 69 48 33
LEADON R	A438 NEW MILLS TO LEDBURY STW SO701 385 to SO700 370 2 Km at NEWTON BR SO700 373 02851360	C	B	B	RE2	C	S	m sd %ile n	1.93 0.77 2.93 36	0.07 0.06 0.13 36	101.5 17.59 78.94 35
LEADON R	LEDBURY STW TO SIDDINGTON FARM SO700 370 to SO701 357 1.5 Km at ROSS RD BR SO702 368 02851100	E	C up	C	RE3	C	-	m sd %ile n	3.08 0 94 4 33 37	0.21 0.17 0.41 37	92.56 19.77 87.22 36

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GOA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
LEADON R	SIDDINGTON FARM TO M50 MOTORWAY BRIDGE SO701 357 to SO718 312 6 5 Km at ELM BRIDGE SO708 315 02849560	O	C	C	RE2	M	-	m sd %ile n	1 99 0 84 3 09 32	0 07 0 07 0 14 32	96.36 20 79 69 71 31
EADON R	M50 BRIDGE TO ROAD BRIDGE KETFORD SO718 312 to SO729 307 1.2 Km at KETFORD BR SO729 307 02848860	D	C	C	RE2	M	S	m sd %ile n	1.87 1 3.14 39	0.06 0 07 0.13 39	86.55 15 72 66 41 38
LEADON R	KETFORD TO UPLEADON ROAD BRIDGE SO729 307 to SO770 270 9 4 Km at UPLEADON BR SO770 270 02847960	B	B	B	RE2	C	S	m sd %ile n	1 9 1 02 3 19 36	0.07 0.08 0 15 36	94.72 17.68 72 06 36
LEADON R	UPLEADON ROAD BRIDGE TO R SEVERN SO770 270 to SO817 198 12 Km at WEDDERBURN BR SO776 234 02847060	C	C	B	RE2	M	C	m sd %ile n	1 81 1 02 3 08 37	0 08 0 09 0 17 37	96 21 20 96 69 36 42
RED BK	TAYNTON COURT/DREWS FB TO HUNTLEY BK SO740 225 to SO756 231 2 4 Km at TAYNTON SO750 231 02899010	B	B	A	RE2	C	-	m sd %ile n	1 92 1 06 3 26 32	0 11 0 19 0 24 32	90 76 13 72 73 17 33
RED BK	CONF. WITH HUNTLEY BK TO R. LEADON SO756 231 to SO775 222 2.9 Km at BARBERS BR SO772 223 02898060	E	D	A	RE2	S	-	m sd %ile n	1 85 1 1 3 22 37	0 11 0 18 0 25 37	76 08 16 88 54 45 37
HUNTLEY(TIBBE RTON) BK	FB AT MERRIMANS TO CONF. WITH RED BK. SO740 206 to SO756 231 4 4 Km at WINFORD BR SO752 225 02942160	C	B	A	RE2	C	-	m sd %ile n	1.71 1 17 3.13 37	0 1 0 14 0.23 37	92.73 13 62 75 01 37
ELL BK	GORSLEY/KILCOT TRIBS TO FB NR MALSWICK SO700 264 to SO746 253 5 Km at BRASS MILL SO741 256 03015380	C	B	C	RE2	C	-	m sd %ile n	2 1 32 3 61 38	0 15 0 12 0 28 38	92.98 16 21 72 2 38
ELL BK	FB NR MALSWICK TO CONF. WITH R LEADON SO746 253 to SO774 246 4 1 Km at RED HILL SO766 247 03015120	O	B	B	RE2	C	-	m sd %ile n	1.67 0.8 2.69 34	0.09 0.13 0.2 34	98 88 17.22 76 81 33
GLYNCH BK	BURY COURT RD BR TO R LEADON SO758 328 to SO770 269 11.5 Km at STANBROOK FM SO777 281 03187100	D	O	B	RE3	M		m sd %ile n	2.46 0.83 3.55 35	0.16 0.24 0.36 36	89 67 26 68 55 48 36
PRESTON BK	FB AT LADDIN FARM TO R. LEADON SO663 348 to SO697 321 6 Km at WINDCROSS SO692 324 03341300	E	D	b	RE1	S	-	m sd %ile n	1.97 1.65 3 84 37	0.1 0 16 0 22 37	80 33 22 36 51 68 36
KEMPLEY BK	WHITTOCKS END TO CONF. WITH PRESTON BK SO662 296 to SO694 322 5 Km at WINDCROSS SO693 322 03353040	E	C	C	RE1	S	-	m sd %ile n	2 21 1 72 4 22 36	0.31 0 85 0 69 37	90 46 20 86 63 73 37
TWYVER R	UPTON ST. LEONARDS TO TREDWORTH SO867 141 to SO845 173 3.5 Km at CONEY HILL SO849 169 03960150	E	A up	C	RE2	C	-	m sd %ile n	1.48 0.72 2 4 36	0 06 0 05 0 12 36	92 08 6 7 83 5 36
TWYVER R	TREDWORTH TO DEANSWAY CULVERT ENTRANCE SO8450 173 to SO8326 1920 2.25 Km at DEANSWAY NEAR RU SO8327 1920 03959430	E	E		RE2	M	-	m sd %ile n	2.54 3.5 5.6 33	0.56 1.09 1.28 33	68.97 25 46 36.34 33
TWYVER R	DEANSWAY CULVERT ENTRANCE TO R SEVERN SO8326 1920 to SO8240 1950 1.3 Km at FOOTBRIDGE DS CATT SO8295 1977 03959170	-	-		RE3	S	-	m sd %ile n			
HORSEBERE BK	BELOW WITCOMBE RES TO B4063 ELMBRIDGE SO905 152 to SO860 198 7 Km at ELMBRIDGE SO862 194 04064620	F	B up	d	RE2	C	-	m sd %ile n	1 74 0.75 2.72 33	0.1 0 18 0 23 34	116 6 23 43 86 54 34
HORSEBERE BK	B4063 ELMBRIDGE TO CONF. WITH R. SEVERN SO860 198 to SO827 208 5 7 Km at SANDHURST LANE SO828 209 04064050	B	A		RE2	C	-	m sd %ile n	1.62 0 51 2 3 36	0.07 0 11 0 16 37	120 3 29 88 82 37
WOOTON BK	BELOW TRADING EST TO COLE BR GLOUCESTER SO875 167 to SO847 191 4 3 Km at KENILWORTH AVE, GL SO846 190 04076260	D	C	e	RE2	M	-	m sd %ile n	2 47 2 61 5 14 33	0 13 0 09 0 24 32	86 03 11 59 71 18 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
WOOTON BK	FB OXSTALLS CAMPUS TO HORSEBERE BK SO846 192 to SO833 209 2.6 Km at QUEENS BR SO837 205 04076050	D	B	a	RE2	C	-	m sd %ile n	1 59 0 69 2 46 36	0.08 0 07 0 15 36	92 64 15 35 72 96 36
HATHERLEY BK	SHURDINGTON ROAD TO FIDDLERS GREEN LN SO938 204 to SO911 222 2.9 Km at EDENDALE RD SO913 218 04133060	O	A	D	RE2	C	-	m sd %ile n	1 38 0 59 2.14 33	0 09 0.12 0.2 34	93 77 8 09 83 39 34
HATHERLEY BK	FIDDLERS GREEN LANE TO INNESWORTH STW SO911 222 to SO858 219 6 Km at FROG FURLONG SO861 222 04132180	C	C	C	RE2	M	-	m sd %ile n	2 42 2 14 4 81 33	0.17 0 31 0 39 34	104 8 20 89 78 06 34
HATHERLEY BK	INNESWORTH STW TO INNESWORTH BK SO858 219 to SO846 213 1 5 Km at US LONGFORD WRW SO846 213 04131820	O	C	C	RE2	M	-	m sd %ile n	2 2 2 07 4 44 33	0 2 0 36 0 45 34	102 1 17 4 79 79 34
HATHERLEY BK	CONF INNESWORTH BK TO R SEVERN SO846 213 to SO825 209 2 5 Km at BROADBOARD BR SO840 214 04131700	F	F	C	RE5	M	-	m sd %ile n	3 77 1 95 6 26 35	5 28 5 51 10 98 35	83 58 14 35 65 2 36
ASHLEWORTH BK	WICK RIDGE ST TO R. SEVERN SO812 272 to SO823 250 3 Km at ASHLEWORTH MDWS SO824 256 04412220	D	C	B	RE2	S	-	m sd %ile n	2 01 1 67 3 92 36	0 11 0 15 0 24 36	87 12 20 44 60 92 35
CHELT R	CHARLTON KINGS TO CONF TRIB MOOR END SO977 202 to SO959 211 2 Km at SPRING BRIDGE SO967 208 04468020	C	B	c	RE2	C	-	m sd %ile n	1 8 1.2 3 26 37	0 04 0 06 0 1 37	98 10 06 85 1 37
CHELT R	TRIB MOOR END TO ARLE AV CHELTENHAM SO959 211 to SO939 230 2 8 Km at ARLE AVE SO939 230 04465780	C	B	b	RE2	C	-	m sd %ile n	1.77 1.36 3.36 41	0.1 0.12 0.22 41	100.5 9.94 87.77 40
CHELT R	ARLE AV CHELTENHAM TO B4634 SPRINGBANK SO939 230 to SO922 243 2.6 Km at PRINCESS ELIZ. WAY SO932 238 04465640	D	B up	c	RE4	C	-	m sd %ile n	1.53 0.98 2.73 37	0.2 0.1 0.32 37	101.1 11.67 86.17 37
CHELT R	B4634 RD BR SPRINGBANK TO M5 CULVERT SO922 243 to SO900 248 2.4 Km at WITHY BRIDGE SO904 246 04465380	C	B	b	RE4	C	-	m sd %ile n	1.83 1.4 3.47 42	0.09 0.08 0.17 42	105 15 6 84 96 42
CHELT R	M5 CULVERT TO FB NR BECKETTS FM SO900 248 to SO887 260 2.2 Km at BODDINGTON SO895 259 04465220	E	E	e	RE4	S	-	m sd %ile n	7.66 3 56 12 25 40	3.11 2.15 5 7 40	66.7 15 62 46 68 43
CHELT R	FB NR. BECKETTS FARM TO R. SEVERN SO887 260 to SO848 261 5. Km at WAINLODES SO850 261 04464180	E	E	f	RE4	S	-	m sd %ile n	6 27 3 3 10 46 40	2 88 2 34 5 57 39	71.5 19 79 46 14 40
LEIGH BK	COOME HILL TO R. CHELT SO888 267 to SO852 258 5 Km at STAINS BROOK SO870 250 04496180	O	E	c	RE2	S	-	m sd %ile n	2 01 1 35 3 64 37	0 26 8 54 8 59 37	78 54 27 4 43 42 37
AVON R	NASEBY RES TO WELFORD SP6650 7790 to SP6455 8078 4.5 Km at A50 RD BRIDGE SP644 808 04809770	O	B	B	RE2	C	-	m sd %ile n	1.02 0 62 1,78 33	0.03 0 02 0.05 33	92 44 14 28 74 14 25
AVON R	WELFORD TO CONF. CLIFTON BK SP6455 8078 to SP5153 7648 21 Km at CLIFTON SP532 772 04805580	B	C down	C	RE2	S	C	m sd %ile n	1 6 0.72 2 52 36	0 05 0.05 0 1 36	85.93 19.73 60 65 28
AVON R	CLIFTON BK TO NEWBOLD STW O/F SP5153 7648 to SP4942 7635 3 Km at AVON MILL RUGBY SP500 762 04802820	C	B		RE3	C	C	m sd %ile n	2.18 1 3.48 36	0 09 0 08 0 18 36	92 24 13 42 75 04 29
AVON R	NEWBOLD STW O/F TO LITTLE LAWFORD SP4942 7635 to SP4687 7718 5 2 Km at NEWBOLD SP490 770 04800980	D	D	D	RE4	C	-	m sd %ile n	2.38 0 8 3 44 36	0.26 0 49 0 59 36	79 71 18 73 55.71 28
AVON R	LITTLE LAWFORD TO CONF. R SOWE SP4687 7718 to SP3242 7238 22.6 Km at STARE BRIDGE SP3300 7140 04796740	B	B	b	RE4	C	-	m sd %ile n	1.68 0 69 2.58 36	0 1 0 12 0 21 36	88 18 10 84 74 28 28

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
AVON R	CONF. R SOWE TO FB ASHOW VILLAGE SP3242 7238 to SP3130 7016 6 Km at STONELEIGH PARK SP314 715 04795150	E	E	d	RE4	S	-	m sd %ile n	3.32 0.99 4.63 36	1.92 0.84 3.01 36	63.87 18.47 40.21 31
AVON R	FB NR. ASHOW VILLAGE TO RIVER LEAM SP3130 7016 to SP3014 5567 8 Km at BLACKDOWN SP310 691 04794530	D	E	e	RE4	S	-	m sd %ile n	3.4 1.42 5.25 36	1.34 0.82 2.36 35	58.75 19.69 33.52 28
AVON R	RIVER LEAM TO GOG BK SP3014 6567 to SP2622 6088 5.5 Km at LEAFIELDS SP279 630 04791460	D	C	D	RE3	C	-	m sd %ile n	3.07 1.37 4.84 37	0.6 0.62 1.25 37	83.26 10.42 69.9 27
AVON R	CONF GOG BK TO A429 BARFORD SP2622 6088 to SP2679 6097 3 Km at BARFORD SP268 609 04790980	E	C up	C	RE3	C	-	m sd %ile n	3.07 1.3 4.75 38	0.61 0.53 1.2 38	89.9 11.19 75.56 30
AVON R	A429 BARFORD TO CONF R DENE SP2679 6097 to SP2585 5632 9.3 Km at HAMPTON LUCY SP258 571 04788950	D	C	C	RE3	C	-	m sd %ile n	2.72 1.02 4.05 34	0.35 0.41 0.75 34	87.19 12.27 71.47 26
AVON R	R DENE TO A34 CLOPTON BR S.O AVON SP2585 5632 to SP2067 5482 9 Km at STRATFORD SP205 548 04787440	D	C	b	RE3	C	C	m sd %ile n	2.61 1.39 4.37 37	0.27 0.33 0.59 37	91.52 19.03 67.13 29
AVON R	A34 CLOPTON BR S.O AVON TO R ARROW SP2067 5482 to SP0828 5076 20.5 Km at BIDFORD SP099 517 04782020	C	C	b	RE3	C	C	m sd %ile n	3.03 2.04 5.5 37	0.21 0.21 0.43 37	99.76 17.02 77.95 29
AVON R	R. ARROW TO CONF. BADSEY BK SP0828 5076 to SP0499 4542 9.5 Km at EVESHAM BYPASS SP048 468 04779270	C	C		RE3	C	C	m sd %ile n	2.97 2.23 5.6 37	0.13 0.11 0.25 37	102.7 20.58 76.35 29
AVON R	BADSEY BK TO CONF. R ISBOURNE SP0499 4542 to SP0310 4310 4 Km at EVESHAM SP034 431 04778460	C	C	b	RE3	C	C	m sd %ile n	2.88 2.41 5.61 36	0.12 0.1 0.24 37	100.9 14.48 82.34 28
AVON R	R. ISBOURNE TO CONF. BOW BK SP0310 4310 to SO9190 4250 29.5 Km at ECKINGTON SO922 423 04772460	C	C	b	RE3	C	C	m sd %ile n	2.58 1.91 4.83 38	0.09 0.08 0.18 38	103.7 19.11 79.16 38
AVON R	BOW BK TO OLD AVON CONF. R. SEVERN SO9190 4250 to SO8886 3311 13 Km at TEWKESBURY SO893 332 04767100	C	C	d	RE3	C	C	m sd %ile n	2.81 1.68 4.91 43	0.1 0.1 0.2 43	103.8 21.89 75.74 46
AVON R	MILL AVON - WEIR ABOVE STANCHARD PIT TO R.SEVER SO88843253 to SO8800 3170 1.8 Km at DS TEWKESBURY STW SO880 317 04766040	C	C	b	RE3	S	C	m sd %ile n	3.21 1.92 5.59 38	0.41 0.32 0.79 38	98.6 12.37 82.75 40
SWILGATE R	SWINDON TO HYDE BK SO9325 2480 to SO9178 2771 3 Km at SWINDON SO932 248 04832580	E	E	D	RE2	S	-	m sd %ile n	3.09 3.35 6.49 36	1.33 1.2 2.66 36	72.58 14.67 53.78 36
SWILGATE R	HYDE BK TO CONF. DEAN BK SO9178 2771 to SO9113 2828 0.8 Km at D/S HYDE BK STOKE SO916 277 04832180	C	C	D	RE2	S	-	m sd %ile n	2.91 1.08 4.32 33	0.45 0.89 1.02 33	94.49 14.45 75.97 33
SWILGATE R	DEAN BK TO CONF. TIRLE BK SO9113 2828 to SO8973 3248 5.5 Km at TREDINGTON SO900 297 04831840	C	C	C	RE2	S	-	m sd %ile n	2.6 0.99 3.89 36	0.41 0.87 0.92 36	95.14 19.24 70.48 36
SWILGATE R	TIRLE BK TO CONF. R. AVON SO8973 3248 to SO8867 3228 1.2 Km at TEWKESBURY SO892 324 04831100	C	C	C	RE2	S	C	m sd %ile n	2.61 1.54 4.53 36	0.31 0.68 0.7 36	85.89 18.46 62.23 36
WYMANS BK	WYMANS BK ALBERT RD TO A435 RD BR SO9563 2345 to SO9536 2348 0.3 Km at US PITTVILLE LAKE SO956 234 04833420	C	D	D	RE2	S	-	m sd %ile n	2.93 2.92 6.02 36	0.13 0.17 0.29 36	94.67 11.9 79.42 36
WYMANS BK	A435 RD BR TO LANE BR MARLE HILL SO9536 2348 to SO9470 2370 1.7 Km at DS PITTVILLE LAKE SO970 227 04833900	O	B	c	RE2	C	-	m sd %ile n	1.58 0.95 2.77 33	0.05 0.08 0.12 33	96.57 9.26 84.71 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
WYMANS BK	LANE BR MARLE HILL TO SWINDON SO9470 2370 to SO9325 2480 1 7 Km at DS OLD TIP ROMAN HA SO944 240 04832750	O	E	D	RE2	S	-	m sd %ile n	3 38 1.53 5 35 33	4 08 2 47 7 15 33	67 09 19 36 42 27 33
TIRLE BK	FB AT LOWER FARM TO A435 RD BRIDGE SO9530 3087 to SO9551 3252 1.5 Km at OXENTON SO954 314 04851780	E	D	E	RE2	S	-	m sd %ile n	1.92 1 18 3 38 34	0 35 0 43 0 76 34	77.97 17 13 56 02 34
TIRLE BK	A435 RD BRIDGE TO TRIB FROM SMOW FM SO9551 3252 to SO9323 3306 4 3 Km at PAMINGTON SO986 333 04851160	D	C	D	RE2	S	-	m sd %ile n	1 85 0 65 2 7 36	0 24 0 27 0 5 36	87.75 20 95 60 9 36
TIRLE BK	TRIB FROM SMOW FM TO CONF R SWILGATE SO9323 3306 to SO8973 3248 4 5 Km at TEWKESBURY SO900 325 04850020	O	D	O	RE2	S	-	m sd %ile n	1 76 0 76 2 74 34	0 09 0 1 0 18 34	84 17 20 71 57 63 34
HYDE BK	FB AT "LUTSOMS" TO BROCKHAMPTON STW SO9605 2549 to SO9455 2588 2 Km at US BROCKHAMPTON S SO920 274 05217560	B	A	C	RE2	C	-	m sd %ile n	1 36 0 7 2 28 35	0 1 0 32 0 21 35	100 6 12 3 84 83 35
HYDE BK	BROCKHAMPTON STW TO TRIB ENG WORKS SO9455 2588 to SO9378 2625 1 Km at DS BROCKHAMPTON S SO940 259 05217440	F	E	O	RE4	S	-	m sd %ile n	4 9 2 06 7 58 36	1 44 1 32 2 89 36	61 69 16 92 40 01 39
HYDE BK	TRIB FROM ENG. WORKS TO RIVER SWILGATE SO9378 2625 to SO9170 2770 3 Km at STOKE ORCHARD SO920 274 05217080	O	D	D	RE4	C	-	m sd %ile n	3 02 1.36 4.78 32	0 72 1.32 1.63 32	86 59 12 43 70 66 32
CARRANT BK	ASHTON UNDER HILL TO GRAFTON RD BR. SO9989 3723 to SO9915 3669 1 Km at ASHTON UNDER HILL SO998 373 05351580	O	O	e	RE3	M	-	m sd %ile n	2.33 1.31 3.97 36	0.12 0.18 0.26 36	80 61 20.49 54.35 36
CARRANT BK	GRAFTON RD BR. TO CONF. WASHBOURNE BK. SO9915 3669 to SO9771 3562 1.9 Km at BECKFORD SO978 657 05350780	C	C	d	RE2	M	C	m sd %ile n	2.15 1.54 3.98 35	0 09 0 09 0 18 36	91.91 17.15 69 94 36
CARRANT BK	WASHBOURNE BK TO B4079 ASTON ON CARRANT SO9771 3562 to SO9395 3478 5 Km at ASTON MILL SO940 347 05348780	B	C	c	RE3	C	C	m sd %ile n	1.71 1.42 3.33 33	0 07 0.07 0 14 34	85 88 17.79 63 09 34
CARRANT BK	B4079 ASTON ON CARRANT TO CONF. R. AVON SO9395 3478 to SO8950 3340 5.5 Km at TEWKESBURY SO896 333 05348020	C	D	d	RE2	S	C	m sd %ile n	1.73 1.29 3.25 35	0 06 0 06 0.12 36	80.22 19.31 55 48 36
WASHBOURNE BK	DIXTON BK TO TRIB DS LITTLE WASHBOURNE SO9940 3303 to SO9865 3372 0.9 Km at LT. WASHBOURNE SO989 333 05491520	O	E	d	RE4	M	-	m sd %ile n	1 8 1.14 3 2 35	0 28 0 46 0 62 36	73 25 21 47 45 73 36
WASHBOURNE BK	TRIB DS LITTLE WASHBOURNE TO CARRANT BK SO9865 3372 to SO9771 3562 3 Km at BECKFORD CROSS SO980 352 05491060	C	C	c	RE2	S	-	m sd %ile n	1.54 0 65 2 39 33	0 13 0.26 0 3 34	80 5 15 87 60 16 34
BOW BK	OS ELCOCK S BK TO OUNSTALL COURT SP0107 6458 to SP0105 6191 3.2 Km at BUNKER'S HOLE SP017 628 06114820	B	B	C	RE2	C	-	m sd %ile n	2.16 1.15 3 62 38	0 09 0.07 0.17 38	98 53 14 28 80 23 38
BOW BK	DUNSTALL COURT TO PRIEST BR. STW O/F SP0105 6191 to SO9926 5983 3 8 Km at US PRIEST BR STW SO995 598 06114240	C	B	B	RE2	C	S	m sd %ile n	1 69 1.03 2 96 38	0.06 0 07 0 12 38	101 5 18 69 77.57 39
BOW BK	PRIEST BR. STW TO FB NR PIGEONHOUSE FM SO9926 5983 to SO9860 5989 1 Km at PRIEST BRIDGE SO989 599 06114120	B	B	B	RE2	C	S	m sd %ile n	1.75 0 8 2.78 42	0.16 0 29 0.37 42	102.5 19 67 77.24 42
BOW BK	FB NR PIGEONHOUSE FM TO CONF. LITTLE BK SO9860 5989 to SO9451 5793 8 4 Km at SHELL FORD SO951 597 06112780	B	B	B	RE2	C	S	m sd %ile n	1.82 1.07 3.15 37	0.11 0.17 0.24 37	95 13 11.91 79 87 37
BOW BK	LITTLE BK TO A422 BR AT UPTON SNODSBURY SO9451 5793 to SO9340 5440 3 4 Km at BROUGHTON HACKETT SO934 544 06111920	C	B	B	RE2	C	S	m sd %ile n	1 81 1 46 3 49 34	0 09 0 08 0 18 34	91 47 14 41 73 34

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
BOW BK	A422 UPTON SNODSBURY TO PERSHORE STW SO9340 5440 to SO9254 4512 15 4 Km at BESFORD BRIDGE SO927 463 06109520	C	C	B	RE2	M	C	m sd %ile n	1.6 1 5 3 24 37	0.04 0 03 0 08 37	89.21 17.29 67.05 37
BOW BK	PERSHORE STW TO CONF. R. AVON SO9254 4512 to SO9193 4252 3.5 Km at DEFFORD BRIDGE SO924 436 06109220	E	E	C	RE4	S	C	m sd %ile n	1.93 0.95 3.15 37	0.23 0 38 0 53 37	70.22 28 62 33 54 37
STOULTON BK	FB AT STOULTON TO CONF. BOW BK SO9118 4993 to SO9265 4663 5 Km at CHEVINGTON FARM SO921 470 06127140	C	C	C	RE2	M	-	m sd %ile n	2.15 1 51 3 95 36	0 07 0 08 0 15 36	98.19 24 57 66 71 36
BRANDON BK	CONF DOE BANK BK TO CONF. BOW BK SP0155 6033 to SP0063 6024 1 Km at CONF BOW BK SP007 602 06363050	B	C	C	RE2	M	-	m sd %ile n	1 29 0 88 2 36 37	0 08 0 12 0 19 37	84 92 12 71 68 64 37
PIDDLE BK	US OF KINGTON FB TO CONF. WHITSUN BK SO9933 5602 to SO9618 5103 9 Km at SEAFORD SO959 512 06611280	B	C	B	RE2	M	S	m sd %ile n	1 38 0 96 2 53 34	0 04 0 03 0 08 34	88 85 17 95 65 85 34
PIDDLE BK	WHITSUN BK TO CONF. R. AVON SO9618 5103 to SO9541 4645 9 Km at WYRE MILL SO954 467 06610020	C	D	B	RE2	S	C	m sd %ile n	1 04 0 56 1 74 36	0 03 0 02 0 06 36	82.33 17 9 59 4 36
WHITSUN BK	"THE LOW" CHURCH LENCH TO PIDDLE BK SP0301 5183 to SO9618 5103 9 Km at DS DEAN LODGE FM SO968 516 06701220	B	B	C	RE2	C	-	m sd %ile n	1 27 1 15 2.54 36	0.04 0.04 0 08 36	103 8 25 38 71 22 36
ELMLEY CASTLE	FB AT NETHERTON TO CONF. R. AVON SO9886 4205 to SO9948 4484 3 Km at A44 BR SO997 448 07166220	O	C	C	RE2	S	-	m sd %ile n	2.06 2.33 4.36 35	0 43 0 99 0.97 35	91.84 24 65 60 25 37
MERRY BK	RB NR HASELOR HOUSE TO CONF. R. AVON SP0173 4255 to SP0006 4561 5 Km at CHARLTON CEM. SP005 455 07252100	C	B	C	RE2	C	-	m sd %ile n	1.06 0 7 1.91 37	0 05 0 13 0.1 37	94 71 17.72 72.01 38
ISBOURNE R	QUARRY CLEVE COMMON TO US OF P. MILLS SO9964 2636 to SP0080 2716 1.5 Km at US POSTLIP MILLS SP008 271 07429620	A	C down	a	RE1	S	-	m sd %ile n	1.28 0.54 1.99 33	0 04 0 05 0 08 33	98 19 27.11 63 45 32
ISBOURNE R	US OF POSTLIP MILLS TO DS OF P. MILLS SP0080 2716 to SP0164 2742 1 Km at POSTLIP HOUSE SP014 272 07429100	B	C	e	RE2	M	-	m sd %ile n	2.21 1.42 3 94 34	0 06 0.05 0.12 34	92.28 21.53 64 68 29
ISBOURNE R	DS OF POSTLIP MILLS TO RD TO ALMBURY FM SP0164 2742 to SP0240 2812 1 Km at A46 BR SP018 277 07428820	B	B	c	RE2	C	-	m sd %ile n	1.93 0 64 2.77 35	0 07 0.08 0.14 36	96 5 02 89 56 27
ISBOURNE R	RD BR TO ALMBURY FM TO WINCHCOMBE STW SP0240 2812 to SP0305 2952 1.5 Km at F. BR WINCHCOMBE SP028 288 07428080	B	A	d	RE2	C	-	m sd %ile n	1.72 0.59 2.49 35	0 04 0.03 0.07 36	100 1 5 02 93 7 28
ISBOURNE R	WINCHCOMBE STW TO MILL FARM BR GREET SP0305 2952 to SP0329 3034 1 Km at GREET SP030 297 07427580	C	B	d	RE3	C	-	m sd %ile n	2 0 69 2.91 35	0 22 0.14 0 39 36	94.11 7.85 84 36 27
ISBOURNE R	GREET TO TRIB ASTON SOMERVILLE SP0329 3034 to SP0331 3811 6.6 Km at WORMINGTON SP037 363 07424580	O	B	b	RE2	C	-	m sd %ile n	1.5 0.93 2 64 32	0.04 0.03 0.07 33	94 46 7.82 84 46 25
ISBOURNE R	TRIB ASTON SOMERVILLE TO CONF. R. AVON SP0331 3811 to SP0310 4310 9 Km at EVESHAM SP030 430 07423020	C	B	c	RE2	C	-	m sd %ile n	1.65 0 66 2.52 37	0 04 0 03 0.07 38	97.4 8 64 86 33 30
LAVERTON BK	NW RUHBROOKE WOOD TO CONF. R. ISBOURNE SP0616 3673 to SP0331 3813 4 Km at BUCKLANDS FIELDS SP053 375 07464380	O	C	c	RE2	M	-	m sd %ile n	2.7 1 47 4.55 33	0.1 0 06 0 17 34	94.81 6,91 85.95 26
BADSEY BK	BUCKLANDWOOD HOUSE TO B4632 BRIDGE SP0966 3569 to SP0902 3762 2 Km at BURY END SP093 371 07689420	C	A	c	RE2	C	-	m sd %ile n	1.35 0 92 2.47 35	0 03 0 02 0 05 36	98 19 6 46 89.91 27

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
BADSEY BK	B4632 BRIDGE TO TRIB FROM MOCHO SP0902 3762 to SP0648 3894 3. Km at CHILDSWICKHAM SP072 388 07689100	C	B	c	RE2	C	-	m sd %ile n	2.42 1.12 3 86 35	0 07 0 06 0.14 36	98 89 6 67 90.34 28
BADSEY BK	TRIB FROM MOCHO TO A44 WICKHAMPSTEAD SP0648 3894 to SP0655 4136 2 8 Km at DS CHILDSWICKHAM SP064 391 07688980	B	B	c	RE2	C	-	m sd %ile n	1 94 0 73 2.9 35	0.06 0.08 0 14 36	96 93 7 99 86 69 28
BADSEY BK	A44 WICKHAMPSTEAD TO BLACKMINSTER STW SP0655 4136 to SP0651 4470 4.3 Km at B4035 ALDINGTON SP065 437 07687720	O	C		RE2	M	-	m sd %ile n	2.06 1 85 4 1 36	0 14 0 27 0 32 37	86 93 12 09 71 44 28
BADSEY BK	BLACKMINSTER STW TO CONF R AVON SP0651 4470 to SP0499 4542 2 Km at OFFENHAM SP059 451 07687380	C	B	d	RE3	C	-	m sd %ile n	2 14 0 86 3 26 39	0 18 0 18 0 37 39	87 77 13 5 70 47 31
BRETFORTON BK	DITCH FROM WILLERSEY BARN TO BADSEY BK SP0999 4180 to SP0678 4433 5 Km at LOWER BLACKHEATH SP082 442 07708180	C	B	d	RE2	C	-	m sd %ile n	1 81 1 3 07 24	0 06 0 05 0 12 24	94 5 14 68 75 69 16
COW HONEYBOURNE BK	DS COW HONEYBOURNE RD TO BRETFORTON BK SP0987 4360 to SP0812 4441 3 Km at CLAYFIELDS BARN SP084 449 07797050	B	B	e	RE2	C	-	m sd %ile n	1 82 0 67 2.69 33	0 09 0 18 0 21 34	98 11 14 79 79 15 26
HARVINGTON BK	LEYS BARN FM BR TO HARVING STW SP0424 4934 to SP0602 4849 2 Km at US HARVINGTON STW SP056 485 07957180	O	D	D	RE2	S	-	m sd %ile n	2 75 3 19 5 85 33	0 8 3 05 1.7 33	97 21 15 8 76 97 24
HARVINGTON BK	HARVING STW TO CONF. R AVON SP0602 4849 to SP0567 4736 1.4 Km at DS HARVINGTON STW SP057 475 07957020	O	E	E	RE4	M	-	m sd %ile n	3 73 6 77 8 45 33	1 32 2 4 3 33	70.21 18 75 46 18 24
ARROW R	COFTON HACKETT TO OUTLET BITTEL RES SP0115 7588 to SP0240 7406 2.3 Km at OUT L BITTEL RES SP020 740 08023980	O	D	E	RE2	S	-	m sd %ile n	3 7 2.53 6 76 32	0.06 0.09 0 14 32	100 4 14.86 81.3 23
ARROW R	OUTLET BITTEL RES TO U/S ALVECHURCH STW SP0240 7406 to SP0330 7200 2.6 Km at LYE MEADOWS SP033 722 08023080	B	D	B	RE2	S	-	m sd %ile n	3 45 7.21 7 83 36	0 3 1 2 0.64 36	109 8 19.52 84 81 28
ARROW R	U/S ALVECHURCH STW TO GRANGE LA SP0330 7200 to SP0309 7090 0.9 Km at GRANGE LANE SP030 711 08022560	C	C	D	RE3	C	-	m sd %ile n	3 46 1.52 5 42 33	0 23 0 25 0 47 33	103 23 48 72 86 25
ARROW R	GRANGE LA TO DAGELL BK CONF. DAGNELL BK SP0309 7090 to SP0524 6888 3 Km at A441 BR. REDDITCH SP040 692 08022000	C	C	C	RE3	C	-	m sd %ile n	2.96 1 38 4 73 36	0 15 0 23 0 33 36	111 5 23.26 81.7 28
ARROW R	DAGNELL BK TO "THE OLD CASTLE" STUDLEY SP0524 6888 to SP0805 6363 9 Km at CASTLE RD STUDLEY SP076 639 08019580	O	C	D	RE3	C	-	m sd %ile n	2.99 1.32 4 69 36	0.07 0.09 0.16 36	127.5 30.32 88 6 28
ARROW R	"THE OLD CASTLE" STUDLEY TO R. ALNE SP0805 6363 to SP0933 5734 8 8 Km at LOWER SPERNAL FAR SP086 618 08019230	O	8 up	D	RE3	C	-	m sd %ile n	2 81 0 88 3 97 36	0.16 0.18 0.34 36	107.3 14.53 88 67 28
ARROW R	R. ALNE TO BIFURCATION AT BROOM SP0933 5734 to SP0866 5353 4.3 Km at WIXFORD SP087 545 08017430	O	C	B	RE3	C	-	m sd %ile n	2.53 1.16 4 02 34	0 08 0 06 0.15 34	104.2 8.17 93 69 26
ARROW R	BIFURCATION AT BROOM TO CONF. R. AVON SP0866 5353 to SP0828 5076 5.2 Km at SALFORD PRIORS SP083 551 08017220	C	C	C	RE3	C	-	m sd %ile n	2.85 2.12 5 35 36	0.06 0 07 0.13 36	105 4 13.87 87.66 28
BAN BK	RD BR AT IRON CROSS TO CONF. R. ARROW SP0624 5267 to SP0816 5115 2.3 Km at SALFORD PRIORS SP082 514 08036030	C	C	D	RE2	M	-	m sd %ile n	2 47 2.57 5 13 33	0 24 0 69 0 53 33	96 17 17.82 73 34 24
ALNE R	DANZEY GREEN TO FB NR FIELD FARM SP1270 6950 to SP1533 6280 9 1 Km at A34 WOOTTON WAWE SP156 631 0810262D	B	B	B	RE2	C	S	m sd %ile n	2 49 0 74 3 47 36	0.11 0.15 0.24 36	100 6 8.52 89 63 27

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
ALNE R	FB NR. FIELD FM TO PENNYFORD LN SP1533 6280 to SP1490 6200 1.6 Km at DS WOOTTON W.STW SP149 620 08102050	C	D	C	RE2	S	S	m sd %ile n	2.94 1.31 4.63 24	0.15 0.1 0.27 24	90 25.32 57.55 16
ALNE R	PENNYFORD LN TO ROAD BR LITTLE ALNE SP1490 6200 to SP1417 6113 1.8 Km at LITTLE ALNE SP142 611 08101500	C	C	C	RE2	M	S	m sd %ile n	2.7 1.11 4.14 36	0.08 0.08 0.17 36	99.39 14.58 80.71 28
ALNE R	ROAD BR LITTLE ALNE TO FB AT HOO MILL SP1417 6113 to SP1057 5781 11.4 Km at KINWARTON SP106 578 08100160	B	C	B	RE2	M	C	m sd %ile n	2.45 1.55 4.35 36	0.07 0.08 0.15 36	95.11 11.07 80.93 27
ALNE R	FB AT HOO MILL TO CONF. R. ARROW SP1057 5781 to SP0932 5735 7.6 Km at ALCESTER SP096 575 08100050	O	C	B	RE2	M	C	m sd %ile n	2.38 1.48 4.2 36	0.06 0.05 0.11 36	101.8 11.3 87.34 28
CLAVERDON BK	CULVERT HATTON TO PINLEY FM SP2264 6638 to SP2202 6571 1 Km at HATTON SP224 661 08179840	B	B	C	RE3	C	-	m sd %ile n	1.45 0.85 2.51 33	0.07 0.21 0.15 33	88.44 14.18 70.26 25
CLAVERDON BK	PINLEY FM TO CONF. R ALNE SP2202 6571 to SP1445 6132 13 Km at DS COLLEGE FARM BK SP159 609 08177350	E	D	B	RE4	C	-	m sd %ile n	3.44 2.9 6.73 34	0.07 0.08 0.15 34	96.12 17.22 74.05 26
PRESTON BAGOT BK	CONF. TRIB AT BUSHWOOD TO CONF. R. ALNE SP1731 6860 to SP1577 6381 8 Km at PRESTON BAGOT SP172 653 08366820	B	B	A	RE2	C	S	m sd %ile n	1.67 0.86 2.77 33	0.06 0.08 0.13 33	99.24 14.55 80.6 25
KINGSWOOD BK	STRATFORD CANAL TO PRESTON BAGOT BK SP1860 6960 to SP1824 6618 4.8 Km at LOWSONFORD BR SP189 676 08432580	C	B	C	RE3	C	-	m sd %ile n	2.38 1.04 3.72 33	0.07 0.1 0.15 33	99.08 19.81 73.69 25
OLDBERROW BK	BARRELS PK ULLENHALL TO CONF. R. ALNE SP1225 6630 to SP1533 6537 3.6 Km at B4480 ROAD BRIDGE SP142 654 08658380	O	B	A	RE4	C	-	m sd %ile n	1.98 0.86 3.1 34	0.07 0.06 0.14 34	106.9 21.59 79.21 26
CAIN BK	FB ABOVE SAMBOURNE TO CONF. R. ARROW SP0619 6261 to SP0845 6070 3.3 Km at CAIN BRIDGE SP079 608 08805080	B	A	B	RE2	C	-	m sd %ile n	1.41 0.67 2.28 33	0.05 0.1 0.12 34	101.8 13.14 85 25
NOLEHAM BK	TRIB NR. LONG MARSTON TO CONF. R. AVON SP1462 4810 to SP1174 5145 5.5 Km at WELFORD PASTURE SP121 514 09253100	B	B	b	RE2	C	-	m sd %ile n	1.64 0.74 2.59 32	0.1 0.17 0.22 33	90.38 13.41 73.19 24
MARCHFONT BK	GRAN BK TO CONF. R. AVON SP1686 5109 to SP1595 5202 1.9 Km at WESTON ON AVON SP159 518 09443030	D	D	c	RE2	S	-	m sd %ile n	2.05 1.1 3.43 34	1.09 4.25 2.3 34	81.69 23.24 51.92 26
GRAN BK	MICKLETON BK TO TRIB LONG MARSTON DEPOT SP1660 4530 to SP1623 4741 2.6 Km at DS MICKLETON BK SP163 456 09454530	E	D		RE3	M	-	m sd %ile n	2.26 2.07 4.54 37	0.07 0.13 0.16 37	79.65 20.75 53.06 29
GRAN BK	LONG MARSTON DEPOT TO LONG MARSTON STW SP1623 4741 to SP1608 4864 1.4 Km at DS REME CAMP SP162 478 09453550	C	C	c	RE2	M	-	m sd %ile n	2.38 2.33 4.86 32	0.05 0.04 0.09 34	117.5 29.66 79.53 26
GRAN BK	LONG MARSTON STW TO CONF. MARCHFONT BK SP1608 4864 to SP1686 5109 2.4 Km at MARCHFONT BK SP168 510 09453020	D	C	e	RE3	M	-	m sd %ile n	1.72 0.77 2.71 33	0.34 1.13 0.74 34	88.58 15.7 68.45 26
GRAN BK	WHITE HOUSE BARN TO MICKLETON BK SP1685 4487 to SP1660 4530 1 Km at US MICKLETON BK SP167 454 09454580	D	C		RE2	M	-	m sd %ile n	1.33 0.52 2.01 27	0.03 0.02 0.05 26	87.04 14.74 68.16 22
STOUR R	TRAITORS FORD TO MITFORD BRIDGE SP3364 3643 to SP2631 3714 7.8 Km at CHERINGTON SP290 369 09569250	O	A	A	RE2	C	S	m sd %ile n	1.18 0.5 1.84 33	0.04 0.02 0.07 33	97.6 7.04 88.58 25
STOUR R	MITFORD BR TO CHURCH LN ALDERMINSTER SP2631 3714 to SP2295 4858 24 Km at HONINGTON BRIDGE SP263 422 09566780	B	B	B	RE2	C	S	m sd %ile n	1.7 1.95 3.62 37	0.07 0.07 0.15 37	91.84 10.63 78.22 25

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
STOUR R	CHURCH LN ALDERMINSTER TO R AVON SP2296 4858 to SP1826 5337 12 4 Km at CLIFFORD CHAMBERS SP197 527 09563180	A	A	B	RE2	C	C	m sd %ile n	1 55 0 67 2.42 36	0 04 0 03 0 08 36	105 3 10.9 91.28 28
KNEE BK	THE CAM TO CONF R STOUR SP1768 3916 to SP2590 3793 11.8 Km at HIGH FURZE SP246 375 09834100	A	A	a	RE2	C	-	m sd %ile n	1.23 0 56 1.96 34	0.03 0 02 0 06 34	93 84 7.37 84 39 25
BLOCKLEY BK	DOVEOALE TO "THE LIMES" BLOCKLEY SP1613 3443 to SP1710 3544 1 3 Km at BLOCKLEY INN SP166 348 09882890	O	A		RE1	C	-	m sd %ile n	0 94 0 39 1 45 32	0 03 0 02 0 05 33	98 16 5 19 91 5 25
BLOCKLEY BK	"THE LIMES" BLOCKLEY TO CONF KNEE BK SP1710 3544 to SP1922 3705 3 Km at STAPENHILL FARM SP190 368 09882040	A	A	A	RE2	C	S	m sd %ile n	1 43 0 5 2 21 33	0 05 0 06 0 11 33	98 68 6 65 90 16 25
THE CAM	CHIPPING CAMPDEN TO KNEE BK SP1460 3887 to SP1700 3930 3 2 Km at DS CHIP CAM WRW SP162 392 09947100	C	C	D	RE2	S	-	m sd %ile n	2 4 1 09 3 8 32	0 41 0 3 0 76 33	86 56 9 84 73 95 25
DENE R	FB AT NORTHEND TO FB NR KINETON P.O SP3891 5308 to SP3385 5093 6 Km at KINETON (B4086) SP344 507 10325700	B	B	C	RE2	C	-	m sd %ile n	1 88 0 71 2 81 33	0 09 0 13 0 19 33	97 36 17 64 74 76 25
DENE R	FB NR KINETON P.O. TO FB BELOW KINETON SP3385 5093 to SP3234 5073 6.1 Km at DS KINETON WRW SP327 508 10325540	O	D	D	RE3	M	-	m sd %ile n	2 65 1 23 4 24 33	0 7 0 65 1 42 33	89 2 13 49 71 9 25
DENE R	FB BELOW KINETON TO TRIB. FROM THORNTON SP3234 5073 to SP2846 5083 4.1 Km at FOSSE WAY RD BRIDG SP291 508 10325060	B	B	B	RE2	C	C	m sd %ile n	1.37 0.49 2.01 33	0 05 0 03 0 09 33	86.12 12 04 70 69 25
DENE R	TRIB. FROM THORNTON TO WELLESBOURNE MILL SP2846 5083 to SP2842 5444 5 4 Km at WALTON FORD DS W SP272 558 10324400	O	E	D	RE2	S	C	m sd %ile n	2.43 1 34 4 12 33	0 12 0 13 0 25 33	75 32 27.85 39 62 25
DENE R	WELLESBOURNE MILL TO CONF. R. AVON SP2842 5444 to SP2585 5632 4 8 Km at CHARLECOTE (B4088) SP263 567 10324230	C	C	C	RE2	M	C	m sd %ile n	1.6 0 69 2 49 36	0.12 0.17 0.27 36	82.57 13 3 65.52 28
RADWAY BK	FB BELOW RADWAY TO CONF. R. DENE SP3713 4854 to SP3450 5074 3 3 Km at RADWAY SP367 491 10534250	C	D	d	RE2	S		m sd %ile n	2.86 4 38 6 39 27	0 14 0 25 0 31 27	92 84 11.33 78 32 19
CHARLECOTE BR	STAPLE HILL LN FM BR TO CONF. R. AVON SP2903 5552 to SP2585 5662 4.1 Km at HAMPTON LUCY RD SP263 568 10561050	B	C		RE2	M	-	m sd %ile n	2.07 1.49 3 85 29	0 05 0 12 0 12 29	89 96 16 51 68 79 22
THELSFORD BK	FIRTREE HILL COTTAGES TO R. AVON SP2865 5818 to SP2599 5735 4 Km at CONF R AVON SP260 573 10579020	B	B	a	RE2	C	-	m sd %ile n	1.61 0 91 2.75 33	0.03 0 06 0 08 34	98 12 10 78 84 31 26
SHERBOURNE BK	BELL BK TO CONF. R. AVON SP2367 6125 to SP2622 6088 5 5 Km at SHERBOURNE VILL. SP261 615 10680080	B	C down	B	RE2	S	S	m sd %ile n	2.55 2 97 5 45 35	0 48 2.32 0.95 36	98.14 25 04 60.35 28
BELL BK	SNITTERFIELD TO NORTON LINDSAY BR SP215 600 to SP222 604 0 8 Km at NORTON LINDSAY BR SP222 604 10707180	E	C up	C	RE3	C	-	m sd %ile n	2 18 1 68 4 3 35	0.24 0 42 0.54 36	84.85 15 29 65 25 27
BELL BK	FB NR OLD HOUSE FARM TO SHERBDURNE BK SP222 604 to SP237 613 1.5 Km at HEATH END SP233 608 10707130	C	C	C	RE3	C	-	m sd %ile n	2 44 1.45 4 25 35	0.14 0.16 0.3 36	99 63 24 47 68 27 27
HORSE BK	LITTLEWORTH FM BRIDGE TO CONF. R. AVON SP2376 6339 to SP2684 6098 4 6 Km at M40 POLL. POND SP267 624 10762280	O	C	B	RE3	C	-	m sd %ile n	2 61 1.2 4.15 32	0.13 0.2 0.3 33	103 4 21 63 75 72 25
GOG BK	RD BR AT BUDBROKE TO CONF. R. AVON SP2626 6525 to SP2773 6298 4 6 Km at STRATFORD ROAD SP275 636 10817080	B	C	B	RE3	C	-	m sd %ile n	2.77 1.14 4 25 32	0 08 0 11 0 18 33	103 8 16 04 83.25 25

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TACH BK	FB HIGHDOWN FM TO LEAMINGTON STW SP3206 6062 to SP3065 6234 6.6 Km at A452 ROAD BRIDGE SP315 616 10863900	O	B	D	RE2	C	-	m sd %ile n	1.5 1.25 2.92 32	0.1 0.33 0.22 33	92.96 10.25 79.61 25
TACH BK	LEAMINGTON STW OUTFALL TO CONF. R. AVON SP3065 6234 to SP2847 6332 2.6 Km at A41 ROAD BRIDGE SP295 635 10863220	C	B	C	RE3	C	-	m sd %ile n	1.89 1.23 3.39 35	0.22 0.4 0.51 36	91.19 13.97 73.29 27
LEAM R	A425 NR STAVERTON TO BRAUNSTON BK SP5230 6154 to SP5306 6568 6.5 Km at US BRAUNSTON STW SP532 656 10932840	B	B	B	RE2	C	C	m sd %ile n	2.05 1.39 3.74 36	0.05 0.08 0.14 36	91.54 15.97 71.07 28
LEAM R	BRAUNSTON BK TO TRIB BR'TON CLEVES SP5306 6568 to SP5216 6628 1 Km at DS BRAUNSTON STW SP530 657 10932780	D	C	C	RE3	C	-	m sd %ile n	2.61 1.37 4.35 36	0.38 0.25 0.68 36	85.89 13.45 68.65 28
LEAM R	TRIB BR'TON CLEVES TO WILLOUGHBY BK SP5216 6628 to SP4980 6679 3 Km at SAWBRIDGE SP504 663 10932420	B	C		RE3	C	C	m sd %ile n	1.58 0.71 2.5 36	0.07 0.07 0.14 36	81.75 13.9 63.94 28
LEAM R	WILLOUGHBY BK TO A423 RD BR MARTON SP4980 6679 to SP4071 6926 13 Km at US MARTON SP416 686 10930720	O	C	B	RE2	M	C	m sd %ile n	1.57 0.95 2.74 32	0.08 0.16 0.18 32	86.46 16.36 65.49 24
LEAM R	A423 RD BR MARTON TO HUNNINGHAM RD BR. SP4071 6926 to SP3729 6853 6 Km at HUNNINGHAM BR SP372 685 10929340	B	C	B	RE2	M	C	m sd %ile n	1.46 0.8 2.47 35	0.08 0.14 0.18 35	88.45 14.86 69.41 27
LEAM R	HUNNINGHAM RD BR TO WILLES BR A425 SP3729 6853 to SP3228 6578 11.4 Km at WILLES MDW F'BR SP333 654 10928150	B	B	B	RE2	C	C	m sd %ile n	1.89 0.83 2.97 28	0.07 0.05 0.13 28	87.06 11.73 72.02 18
LEAM R	WILLES BR A425 TO CONF. R. AVON SP3228 6578 to SP3015 6566 1.8 Km at PRINCES DRIVE SP308 654 10927160	C	C	C	RE3	C	C	m sd %ile n	1.76 1.16 3.17 36	0.09 0.07 0.16 36	89.18 18.68 65.24 28
RADFORD BK	FOSSE WAY BRIDGE TO CONF. R. LEAM SP3484 6109 to SP3384 6511 5.5 Km at A425 ROAD BR SP338 650 10948020	B	A	B	RE2	C	-	m sd %ile n	1.06 0.46 1.66 32	0.07 0.09 0.16 32	89 5.33 82.17 24
ITCHEN R	ROAD BR LOWER RADBOURN TO HARBURY STW SP4387 5691 to SP3997 5980 12.5 Km at DEPPERS BRIDGE SP400 593 11055720	B	D down	C	RE2	S	-	m sd %ile n	1.52 1.08 2.81 33	0.04 0.03 0.07 33	76.88 17.55 54.39 25
ITCHEN R	HARBURY STW OUTFALL TO CONF. R. STOWE SP3997 5980 to SP4061 6204 2.2 Km at A425 THORPE BR SP403 615 11054980	B	E down	C	RE2	S	-	m sd %ile n	1.25 0.77 2.2 33	0.28 0.41 0.61 33	65.84 19.45 40.91 25
ITCHEN R	R. STOWE TO OLD FORD BRIDGE SP4061 6204 to SP4044 6266 0.6 Km at FORD FARM SP404 627 11054620	E	E	D	RE3	S	-	m sd %ile n	1.81 0.86 2.92 35	0.35 0.48 0.77 35	72.11 20.44 45.92 27
ITCHEN R	OLD FORD BRIDGE TO SNOWFORD BRIDGE SP4044 6266 to SP3934 6637 7.2 Km at US LONG ITCHTON SP410 651 11053750	E	D	C	RE2	S	-	m sd %ile n	1.59 0.82 2.63 33	0.09 0.07 0.16 33	76.72 14.54 58.09 25
ITCHEN R	SNOWFORD BRIDGE TO CONF. R. LEAM SP3934 6637 to SP4055 6901 4.8 Km at MARTON SP405 688 11053180	B	B	B	RE2	C	-	m sd %ile n	1.45 0.56 2.2 36	0.07 0.1 0.15 36	87.39 10.82 73.52 28
STOWE R	OXFORD CANAL BR. TO CONF. STOCKTON BK SP4579 6079 to SP4367 6209 3.5 Km at DS NAPTON WRW SP459 607 11092280	D	C	C	RE4	C	-	m sd %ile n	1.67 0.86 2.98 33	0.29 0.57 0.66 34	80.31 13.77 62.66 26
STOWE R	STOCKTON BK TO CONF. R. ITCHEN SP4367 6209 to SP4061 6204 4.5 Km at BROWNS BR SP418 614 11091180	E	D	D	RE2	S	-	m sd %ile n	2.18 1.84 4.27 33	0.08 0.06 0.15 34	79.23 16.92 57.55 26
STOCKTON BK	FB AT NEW ZEALAND FM. TO CONF. R. STOWE SP4428 6307 to SP4367 6209 1.5 Km at DS STOCKTON WRW SP443 632 11108140	C	C	C	RE4	C	-	m sd %ile n	2.15 1.52 3.98 32	0.3 0.5 0.67 34	85 14.22 66.78 26

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
RAINS BK	DITCH TRIB FROM BARBY TO KILSBY STW SP5538 7067 to SP5550 7120 0.6 Km at US KILSBY WRW SP555 713 11296360	O	C	D	RE2	M	-	m sd %ile n	1.61 1.31 3.12 34	0.09 0.2 0.2 34	88.34 17.13 66.39 26
RAINS BK	KILSBY STW OUTFALL TO BARBY NORTOFT SP5550 7120 to SP5469 7190 1 Km at DS KILSBY WRW SP550 717 11296300	O	E	E	RE5	C	-	m sd %ile n	3.16 1.12 4.63 34	1.46 1.7 3.12 34	58.12 17.75 35.37 26
RAINS BK	BARBY NORTOFT TO CONF. R. LEAM SP5469 7190 to SP4877 6862 9.5 Km at A45 DUNCHURCH SP496 701 11294580	C	D	D	RE3	S	-	m sd %ile n	2.18 1.01 3.48 34	0.72 0.94 1.56 34	100.6 23.94 69.94 26
CATTLE BK	WEDGNOCK OLD PARK TO CONF. R. AVON SP2607 6794 to SP3032 6944 4.8 Km at B4115 ROAD BR SP300 694 11474040	O	E	b	RE2	S	-	m sd %ile n	2.07 1.08 3.45 34	0.07 0.06 0.14 34	73.31 19.31 48.56 26
SOWE R	US NEWDIGATE COL TO NEWDIGATE COLLIERY SP3288 8704 to SP3350 8700 0.8 Km at ASTLEY LN SP331 870 11563998	O	E	E	RE2	S	-	m sd %ile n	4.48 5.73 9.75 23	1.39 3.32 3.14 23	88 27.01 53.36 17
SOWE R	NEWDIGATE COLLIERY TO CONF. BREACH BK SP3350 8700 to SP3421 8494 3.7 Km at SCHOOL LN EXHALL SP344 853 11563460	C	B	D	RE3	C	-	m sd %ile n	2.14 1.22 3.67 36	0.14 0.36 0.32 36	98.82 18.56 75.04 28
SOWE R	BREACH BK TO A444 RD BRIDGE LONGFORD SP3421 8494 to SP3496 8325 2.1 Km at DS CONF. HALL BK SP348 832 11562960	E	C up	E	RE4	C	-	m sd %ile n	2.66 1.95 4.97 32	0.54 0.49 1.08 32	90.46 6.74 81.81 24
SOWE R	A444 RD BRIDGE LONGFORD TO BELL GREEN SP3496 8325 to SP3595 8161 3.2 Km at TACKFORD BRIDGE SP361 818 11562180	C	C	E	RE4	C	-	m sd %ile n	2.57 1.54 4.48 36	0.23 0.15 0.41 36	95.47 12.3 79.7 28
SOWE R	BELL GREEN TO A4082 ROAD BRIDGE SP3595 8161 to SP3646 7789 5.4 Km at BINLEY ROAD BR SP369 785 11560780	B	C	D	RE4	C	-	m sd %ile n	2.44 1.52 4.31 36	0.14 0.08 0.24 36	87.75 12.1 72.24 28
SOWE R	A4082 ROAD BRIDGE TO CONF. R. SHERBOURNE SP3646 7789 to SP3457 7549 11 Km at A45 ROAD BRIDGE SP346 756 11559820	E	C up	D	RE4	C	-	m sd %ile n	2.32 1.42 4.09 36	0.12 0.09 0.23 36	83.86 10.93 69.85 28
SOWE R	R. SHERBOURNE TO CONF. FINHAM BK SP3457 7549 to SP3364 7380 3.4 Km at BAGINTON MILL SP338 752 11559580	D	C	D	RE4	C	-	m sd %ile n	2.24 1.48 4.05 36	0.12 0.08 0.21 36	85.61 8.91 74.2 28
SOWE R	FINHAM BK TO CONF. R. AVON SP3364 7380 to SP3242 7238 2.6 Km at STONELEIGH SP332 728 11559060	E	E	F	RE5	C	-	m sd %ile n	4.43 2.09 7.12 36	3.02 1.45 4.89 36	67.75 16.98 45.99 28
FINHAM BK	FB NR CHASE FM TO COMMON LN KENILWORTH SP2670 7360 to SP3004 7293 5 Km at COMMON LN SP300 729 11570720	A	B	C	RE2	C	-	m sd %ile n	1.63 0.74 2.58 35	0.05 0.05 0.11 35	88.59 9.39 76.56 27
FINHAM BK	COMMON LN KENILWORTH TO CONF. R. SOWE SP3004 7293 to SP3364 7380 10.5 Km at FINHAM BRIDGE SP331 740 11570240	B	B	C	RE2	C	-	m sd %ile n	1.63 1.21 3.06 37	0.05 0.05 0.1 37	94.28 10.7 80.57 29
CANLEY BK	ABOVE TILE HILL STN TO TRIB WESTWOOD GD SP2710 7750 to SP3114 7728 4 Km at SIR HENRY PKS RD SP308 778 11581920	C	C	F	RE4	C	-	m sd %ile n	2.43 3.09 5.28 35	0.09 0.13 0.21 35	90.56 12.21 74.91 27
CANLEY BK	TRIB WESTWOOD GD TO CONF. FINHAM BK SP3114 7728 to SP3066 7304 6 Km at COVENTRY RD SP299 737 11581220	C	B	D	RE2	C	-	m sd %ile n	2 1.43 3.7 35	0.05 0.06 0.12 35	92.85 11.32 78.35 27
INCHFORD BK	HASELEY MILL TO CONF. WITH FINHAM BROOK SP2351 6841 to SP2774 7217 6.3 Km at US KENIL CASTLE SP277 722 11653020	O	D	D	RE2	S	-	m sd %ile n	1.33 0.69 2.21 34	0.07 0.06 0.14 34	81.35 17.71 58.65 26
SHERBOURNE R	FB AT ALLESLEY TO CONF. HOCKLEY TRIB SP3023 8096 to SP3147 7951 3.2 Km at KINGSBURY ROAD SP309 802 11708880	B	E down	E	RE4	M	-	m sd %ile n	4 6.61 9 36	0.55 2.65 1.11 36	77.5 20.57 51.13 28

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SHERBOURNE R	HOCKLEY TRIB TO QUEEN VICTORIA ROAD SP3147 7951 to SP3281 7884 1.3 Km at RUDGE ROAD SP327 788 11708390	C	C	d	RE4	C	-	m sd %ile n	2.61 2.1 5.03 36	0.21 0.44 0.48 36	87.04 7.83 77.01 28
SHERBOURNE R	QUEEN VICTORIA ROAD TO CONF R SOWE SP3281 7884 to SP3457 7549 5.7 Km at CHARTER HOUSE SP344 783 11707580	B	D down	E	RE4	C	-	m sd %ile n	3.45 4.94 7.64 36	0.18 0.24 0.39 36	87.89 12.41 71.98 28
PICKFORD BK	"THE CHASE" ALLESLEY TO R SHERBOURNE SP2841 8108 to SP3078 8024 2.7 Km at HOLYHEAD RD SP307 802 11745040	C	E	D	RE3	S	-	m sd %ile n	4.06 6.38 9.11 32	0.55 2.63 1.1 32	78.38 20.6 51.98 24
SMITE BK	US OF BELL INN LN TO B4027 RD BRIDGE SP4678 8295 to SP4605 8224 1.3 Km at DS MONKS KIRBY SP464 829 11829620	E	C up	C	RE2	M	-	m sd %ile n	1.52 0.89 2.63 33	0.16 0.31 0.41 34	84.19 15.02 64.95 26
SMITE BK	B4027 BR TO FB NR SMEATON LANE SP4605 8224 to SP4291 8059 4.7 Km at B4029 RD BR 300M SP422 804 11828480	O	B	A	RE2	C	-	m sd %ile n	1.68 0.81 2.72 33	0.15 0.27 0.33 34	93.92 8.04 83.61 26
SMITE BK	FB NR SMEATON LANE TO COOMBE POOL OUTLET SP4291 8059 to SP3848 7922 4.8 Km at COOMBE ABBEY SP408 804 11828390	O	C	D	RE2	S	-	m sd %ile n	1.11 0.63 1.9 33	0.05 0.06 0.1 34	81.11 12.6 64.97 26
SMITE BK	COOMBE POOL OUTLET TO CONF. R SOWE SP3848 7922 to SP3800 7948 0.8 Km at CONF. WITH R. SOWE SP380 795 11827020	D	D	C	RE3	M	-	m sd %ile n	2.64 1.31 4.32 32	0.14 0.14 0.29 32	81.25 16.84 59.67 24
WITHY BK	ABOVE HALL PARK WOOD TO CONF. R. SOWE SP3988 8200 to SP3846 8019 2.5 Km at HIGH BRIDGE SP387 807 11973120	D	B	C	RE2	C	-	m sd %ile n	1.7 1.4 3.3 35	0.1 0.14 0.21 36	94.39 11.65 79.47 28
HALL BK	WATERY LN BR KERESLEY TO ROWLEYS GREEN SP3221 8365 to SP3400 8310 2.3 Km at MANOR FM SP318 835 12028240	O	E	D	RE5	C	-	m sd %ile n	4.08 3.62 8.11 32	1.72 1.44 3.36 33	70.96 23.17 41.27 25
HALL BK	SELWORTHY RD ROWLEYS GN TO R. SOWE SP3400 8310 to SP3483 8331 0.8 Km at CONF. R. SOWE SP347 833 12027020	F	D up		RE4	C	-	m sd %ile n	2.86 2.66 5.76 32	0.66 0.58 1.3 32	87.04 6.43 78.8 24
BREACH BK	TRIB MARY LANDY WOOD TO CONF. R. SOWE SP3142 8607 to SP3421 8494 3.8 Km at EXHALL CHURCH SP339 850 12036160	E	E	E	RE4	M	-	m sd %ile n	4.27 2.51 7.4 33	1.67 3.13 3.78 33	68.48 15.52 68.59 25
SOW BK	OVERSLADE LN BR BILTON TO CONF. R. AVON. SP4918 7361 to SP4855 7603 2.8 Km at BILTON ROAD BR SP486 755 12152080	B	B	f	RE3	C	-	m sd %ile n	1.98 1.05 3.32 34	0.05 0.06 0.11 34	104.2 14.77 85.3 26
SWIFT R	KIMCOTE RD BR TO TRIB FROM POULTNEY FM SP5882 8641 to SP5831 8512 1.8 Km at US KINCOTE WRW SP584 858 12183510	O	D	C	RE2	S	-	m sd %ile n	1.3 0.66 2.14 32	0.05 0.05 0.11 33	79.96 16.83 58.39 25
SWIFT R	TRIB FROM POULTNEY FM TO LUTTERWORTH STW SP5831 8512 to SP5358 8310 4.7 Km at LUTTERWORTH SP549 841 12182190	B	B	C	RE2	C	-	m sd %ile n	1.79 1.27 3.31 35	0.1 0.17 0.23 36	96.43 11.18 82.09 28
SWIFT R	LUTTERWORTH STW OUTFALL TO A5 RD BRIDGE SP5358 8310 to SP5192 8223 2.4 Km at US BITTESWELL BK SP520 823 12181480	C	C	C	RE3	C	-	m sd %ile n	2.35 1.73 4.4 34	0.16 0.22 0.36 35	94.55 20.19 68.68 27
SWIFT R	A5 RD BRIDGE TO CHURCHOVER SLUICE SP5192 8223 to SP5072 8067 3.6 Km at US B. GAS CHURCHOV SP507 807 12179620	B	C		RE3	C	-	m sd %ile n	1.35 0.52 2.03 32	0.12 0.21 0.26 33	79.08 9.96 66.31 25
SWIFT R	CHURCHOVER SLUICE TO CONF. R. AVON SP5072 8067 to SP5054 7679 5 Km at BROWNSOVER HALL SP505 768 12178180	B	D	C	RE2	S	-	m sd %ile n	1.8 1.41 3.44 32	0.08 0.09 0.17 33	79.12 19.29 54.4 25
CLIFTON BK	CRICK-YELVERTOFT RD TO M1/A5 JUNCTION SP5905 7349 to SP5757 7280 2 Km at POST HOUSE HOTEL SP582 728 12386880	F	E		RE4	S	-	m sd %ile n	5.56 4.55 10.77 33	3.23 4.84 7.21 33	60.24 29.05 23.01 25

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
CLIFTON BK	M1/A5 JUNCTION TO CONF UNNAMED TRIB SP5757 7280 to SP5453 7513 4 Km at A5 BRIDGE SP565 737 12386140	O	D		RE4	C	-	m sd %ile n	3 48 1 36 5.26 24	0.9 1 67 2.03 24	84.33 18 61 60 49 15
CLIFTON BK	TRIB/SUB-BRANCH TO CONF R AVON SP5453 7513 to SP5153 7648 4 1 Km at CONF R AVON SP515 764 12385020	C	E		RE4	S	-	m sd %ile n	1 66 1.28 3.15 32	0.34 0 68 0 76 32	46.55 14 86 27 5 22
CLAYCOTON/YELVERTOFT BK	FOOTPATH AT WINWICK TO CONF. R AVON SP6245 7390 to SP5640 7778 10 6 Km at CONF. RIVER AVON SP564 777 12458020	C	C	d	RE2	M	-	m sd %ile n	1.33 0 58 2 08 33	0 05 0 05 0 11 33	85 96 14 19 67 77 25
RIPPLE BK	STRATFORD RD BRIDGE TO BOW BRIDGE SO881 387 to SO878 364 2 6 Km at BOW BR SO878 364 12616850	B	C	B	RE2	M	-	m sd %ile n	1.5 1 34 2 99 36	0 09 0 14 0 2 36	83.17 12 82 66 74 36
RIPPLE BK	BOW BRIDGE TO R SEVERN SO878 364 to SO886 341 2 3 Km at THE MYTHE SO886 342 12616020	E	E	C	RE2	S	-	m sd %ile n	2 17 1 91 4 31 33	0 11 0 11 0 22 33	80 42 24 86 48 57 33
BUSHLEY BK	0 5KM DS OF HORSE BRIDGE TO MILL BK SO823 343 to SO837 370 4 1 Km at HILLWORTH SO837 370 12777620	C	C	b	RE2	S	-	m sd %ile n	1.36 0 83 2 38 39	0 06 0 05 0 11 39	83 56 15 45 63 76 39
BUSHLEY BK	CONF WITH MILL BK TO RIVER SEVERN SO837 370 to SO868 362 3.8 Km at QUEENHILL SO862 363 12777080	B	C	b	RE2	M	C	m sd %ile n	1 81 0.98 3 04 36	0 06 0 06 0 12 36	104 7 32 16 63 48 36
MILL/ MARLBANK BK	SANSOME FARM TO TRIB DS WELLAND COURT SO795 384 to SO816 391 2.4 Km at 200M DS CONF. M'BAN SO810 392 12813750	E	C up	b	RE2	M	-	m sd %ile n	1.57 0 65 2.42 36	0.12 0.05 0.19 36	88.06 14.71 69 21 36
MARLBANK BK	TRIB DS WELLAND COURT TO BUSHLEY BK SO816 391 to SO837 370 4 Km at HILLWORTH SO837 371 12813020	O	C	a	RE2	M	-	m sd %ile n	2 04 1.74 4 01 36	0 04 0 05 0 09 36	91.39 16 46 70.3 36
POOL BK	HANLEY CASTLE TO B4209 BR HANLEY SWAN SO831 441 to SO833 425 1.8 Km at B4209 BR HANLEY SWA SO833 425 13088360	C	C	c	RE2	S	-	m sd %ile n	2.64 3.7 5 83 34	0.41 1.3 0.9 34	85.61 15 44 65 82 33
POOL BK	B4209 BRIDGE HANLEY SWAN TO R. SEVERN SO833 425 to SO849 408 3.2 Km at UPTON ON SEVERN SO849 408 13088020	C	D	b	RE2	S	-	m sd %ile n	1.91 1.52 3.67 36	0.15 0 1 0.28 36	83.61 19.65 58.43 36
MERE BK	US OF GILBERTS END TO POOL BK SO819 417 to SO839 412 2.5 Km at CONF. POOL BROOK SO838 412 13100020	B	C	b	RE2	M	-	m sd %ile n	1.88 2 29 4 05 37	0 06 0 04 0 12 37	92 95 16 22 72 16 37
MADRESFIELD BK	ROAD BRIDGE AT MADRESFIELD TO R. SEVERN SO805 478 to SO838 470 4.3 Km at B4424 SO828 479 13310300	B	B	a	RE2	C	-	m sd %ile n	1.44 0.76 2.41 38	0 06 0 04 0 11 38	93 6 13.5 76.31 38
WHITEACRES BK	SOUTHWOOD GUARLFOOD TO MADRESFIELD BK SO819 464 to SO833 474 2 Km at POUND BANK SO802 461 13310640	O	C		RE4	C	-	m sd %ile n	1.47 1.1 2.77 35	0.06 0.1 0.14 35	85.89 15.77 65.67 35
HATFIELD BK	FB AT NORTON TO R. SEVERN SO874 511 to SO846 489 4.5 Km at KEMPSEY SO849 490 13397040	B	B	C	RE2	C	-	m sd %ile n	1.92 1.66 3.78 36	0.09 0.13 0.2 36	93.23 16.32 72.32 35
CAREYS BK	A449 BASTONFORD BRIDGE TO DS POWICK STN SO811 505 to SO839 509 3.5 Km at B4424 RD BR SO834 506 13464320	B	B	a	RE2	C	-	m sd %ile n	1.55 0 66 2 41 38	0 05 0 03 0 09 38	101.8 19 81 76 38 38
CAREYS BK	FB DS OF POWICK STATION TO R. SEVERN SO839 509 to SO848 506 2.5 Km at CONF. SEVERN SO848 507 13464020	C	B	a	RE2	C	-	m sd %ile n	1.91 1.41 3.58 33	0 05 0 06 0 11 33	97.67 16 66 76 32 33
TEME R	FORD BELOW BEGUILDY TO KNIGHTON STW SO196 798 to SO290 724 15 3 Km at KNIGHTON BRIDGE SO290 723 13628180	A	A	b	RE1	C	S	m sd %ile n	0.88 0.44 1.45 36	0.02 0 02 0 04 36	99.87 9 81 87.29 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TEME R	KNIGHTON STW TO A4113 BR LEINTWARDINE SO290 724 to SO404 738 12.5 Km at LEINTWARDINE A4113 SO404 738 13624310	O	B	b	RE1	C	S	m sd %ile n	1.18 0.57 1.91 37	0.03 0.02 0.05 37	98.21 18.27 74.8 35
TEME R	LEINTWARDINE TO LUDLOW STW SO404 738 to SO516 730 21 Km at LUDFORD BRIDGE, LU SO512 742 13618180	A	A	B	RE1	C	S	m sd %ile n	1.42 0.57 2.16 37	0.03 0.03 0.07 37	102.6 8.64 91.57 37
TEME R	LUDLOW STW TO ASHFORD CARBONELL BR SO516 730 to SO520 712 2.2 Km at ASHFORD CARBONELL SO520 712 13615980	B	A	B	RE2	C	S	m sd %ile n	1.4 0.56 2.12 36	0.05 0.04 0.1 36	98.87 11.58 84.03 35
TEME R	ASFORD CARBONELL BR TO TENBURY STW SO520 712 to SO603 685 11.6 Km at TENBURY SO595 685 13612980	B	B	A	RE2	C	S	m sd %ile n	1.65 0.69 2.54 72	0.04 0.03 0.08 72	104 10.44 90.62 67
TEME R	TENBURY STW TO CONF WITH R REA SO603 685 to SO637 686 4.2 Km at ADJOINING MONKS BR SO616 684 13612280	B	B	B	RE2	C	S	m sd %ile n	1.76 0.73 2.71 60	0.04 0.03 0.08 60	104.4 10.57 90.88 55
TEME R	CONF WITH R REA TO STANFORD BR SO637 686 to SO715 657 11.8 Km at STANFORD BRIDGE SO715 657 13608780	B	B	B	RE2	C	S	m sd %ile n	1.85 0.75 2.83 36	0.04 0.04 0.08 36	103.2 7.58 93.49 33
TEME R	STANFORD BR TO A4103 RD BR RUSHWICK SO715 657 to SO804 532 36.6 Km at KNIGHTSFORD BR SO7348 5578 13604700	B	A	B	RE2	C	S	m sd %ile n	1.56 0.45 2.16 34	0.04 0.03 0.07 34	94.44 5.28 87.68 34
TEME R	A4103 RD BR RUSHWICK TO R. SEVERN SO804 532 to SO850 521 7 Km at POWICK SO836 525 13598380	C	B	B	RE2	C	S	m sd %ile n	1.66 0.98 2.89 34	0.04 0.05 0.09 33	96.06 5.68 88.78 34
LAUGHERN BK	WOODHALLS FARM BR TO R. TEME SO784 583 to SO833 525 14.1 Km at A4103 RUSHWICK SO828 539 13656700	C	C	b	RE3	C	-	m sd %ile n	1.94 1.37 3.58 32	0.13 0.32 0.29 33	87.58 17.53 65.11 33
LEIGH/CRADLEY BK	CUMMINS FARM TO ROAD BR AT COLWALL SO738 410 to SO738 422 1.5 Km at US COLWALL WRW SO737 429 14140500	C	B	A	RE2	C	S	m sd %ile n	1.36 0.56 2.1 30	0.03 0.02 0.05 30	86.59 11.72 71.56 29
LEIGH/CRADLEY BK	COLWALL TO ROAD BR. AT MATHON SO738 422 to SO737 458 3.2 Km at COLWALL MILL FARM SO737 431 14140260	E	C	D	RE3	C	S	m sd %ile n	2.2 1.16 3.67 33	0.19 0.15 0.37 33	78.46 12.73 62.14 33
LEIGH/CRADLEY BK	MATHON TO UNNAMED TRIB HOE COURT SO737 458 to SO733 464 1.5 Km at MATHON BR SO736 457 14138180	B	B	B	RE2	C	S	m sd %ile n	1.91 1.39 3.56 32	0.1 0.18 0.22 32	95.81 19.06 71.38 31
LEIGH/CRADLEY BK	UNNAMED TRIB HOE COURT TO CRADLEY STW SO733 464 to SO733 482 3 Km at STIFFORDS BR SO734 481 14137880	C	C	B	RE2	M	S	m sd %ile n	1.97 0.71 2.9 32	0.07 0.06 0.14 32	85.28 12.19 69.66 32
LEIGH/CRADLEY BK	CRADLEY STW TO LONGLEY GREEN SO733 482 to SO735 504 2.5 Km at 1KM DS CRADLEY WR SO732 491 14137220	O	B	B	RE2	C	S	m sd %ile n	1.91 0.76 2.9 34	0.07 0.07 0.15 34	89.21 8.51 78.3 34
LEIGH/CRADLEY BK	BATCHELOR'S BR LONGLEY GREEN TO R.TEME SO735 504 to SO784 536 7.5 Km at LEIGH RD BR SO781 534 14135180	B	A	A	RE2	C	S	m sd %ile n	1.63 0.57 2.38 34	0.04 0.03 0.08 34	92.12 7.04 83.09 34
SAPEY BK	HATHOUSE FARM HARPLEY TO R. TEME SO694 608 to SO727 560 8 Km at CONF. R TEME SO726 561 14860100	C	B	B	RE2	C	-	m sd %ile n	1.62 0.65 2.47 34	0.06 0.11 0.13 34	90.83 8.72 79.65 34
REA R	B4364 BR NEENTON TO CONF. FARLOW BK SO638 877 to SO662 811 12 Km at PRESCOTT SO662 811 15785620	O	B	c	RE2	C	S	m sd %ile n	1.94 1.25 3.47 34	0.07 0.11 0.15 34	96.1 8.71 84.93 31
REA R	FARLOW BK TO A4117 CLEOBURY MORTIMOR SO662 811 to SO680 763 5 Km at A4117 BR CLEOBURY SO679 763 15782410	O	B	B	RE2	C	S	m sd %ile n	1.8 0.7 2.71 34	0.04 0.07 0.1 34	98.72 7.6 88.98 31

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TQT (mg/l)	DO % SAT
REA R	A4117 BR CLEOBURY MORTIMOR TO R TEME	A	B	B	RE2	C	S	m	1.88	0.04	95.89
	SO680 763 to SO636 685 18 Km							sd	1.08	0.03	7.99
	at NEWNHAM BR SO644 692 15779320							%ile	3.24	0.07	85.64
								n	34	34	31
LEOWYCHE BK	BANKHOUSE BR TO R. TEME	B	C	A	RE2	M	-	m	1.87	0.09	98.82
	SO583 815 to SO581 679 22 Km							sd	2.68	0.25	8.13
	at LEDWYCHE BR SO574 683 17358150							%ile	4.14	0.19	88.41
								n	35	35	33
BRIMFIELD BK	ORLETON/WOOFERTON FB TO R TEME	C	B	B	RE2	C	-	m	1.53	0.05	98.04
	SO507 676 to SO537 687 4 Km							sd	0.66	0.05	14.62
	at BRIMFIELD SO534 683 18208220							%ile	2.39	0.1	79.3
								n	35	35	33
CORVE R	FB AT CORVE BARN TO CORVE BR DIDDLEBURY	C	A	B	RE2	C	S	m	1.55	0.03	102.2
	SO593 940 to SO520 852 13.8 Km							sd	0.65	0.03	12.4
	at DIDDLEBURY SO520 852 18505180							%ile	2.4	0.06	86.29
								n	34	35	33
CORVE R	CORVE BR DIDDLEBURY TO R TEME	C	B	A	RE2	C	S	m	1.52	0.04	98.91
	SO520 852 to SO505 749 18.6 Km							sd	0.85	0.04	11.75
	at LUDLOW SO510 753 18500250							%ile	2.59	0.08	83.84
								n	35	35	33
ONNY R	THE MARSH TO QUINNY BK	B	B	b	RE2	C	S	m	1.72	0.05	99.16
	SO315 980 to SO435 845 23.5 Km							sd	0.83	0.07	7.47
	at CHEYNEY LONGVILLE SO432 846 19229900							%ile	2.79	0.1	89.58
								n	36	36	35
ONNY R	QUINNY BK TO B4385 RD BR CRAVEN ARMS	B	B	a	RE2	C	S	m	1.82	0.04	97.54
	SO435 845 to SO437 829 2 Km							sd	0.72	0.03	7.89
	at NEWINGTON FOOT BR SO433 836 19229380							%ile	2.76	0.08	87.42
								n	35	35	35
ONNY R	B4385 CRAVEN ARMS TO A49 BR ONIBURY	B	B	b	RE2	C	S	m	1.9	0.04	103.3
	SO437 829 to SO454 790 5.8 Km							sd	0.74	0.04	21.47
	at DS WRW CRAVEN ARM SO441 809 19227500							%ile	2.87	0.08	75.77
								n	36	36	34
ONNY R	A49(T) RO BR ONIBURY TO R. TEME	B	B	b	RE2	C	S	m	1.86	0.04	104
	SO454 790 to SO484 766 4.5 Km							sd	0.78	0.03	11.18
	at BROMFIELD SO481 769 19226180							%ile	2.88	0.07	89.63
								n	36	36	35
QUINNY BK	LITTLE STRETTON TO CHURCH STRETTON STW	B	A	c	RE2	C	S	m	0.91	0.03	93.68
	SO440 907 to SO440 908 0.1 Km		up					sd	0.57	0.04	7.49
	at US CHURCH STRETTO SO441 909 19337420							%ile	1.61	0.06	84.08
								n	34	34	31
QUINNY BK	CHURCH STRETTON STW TO B4370 MARSHBROOK	C	D	d	RE2	S	S	m	3.43	0.3	91.49
	SO440 908 to SO443 898 1 Km							sd	3.4	0.8	7.68
	at MARSHBROOK SO442 903 19337120							%ile	7.04	0.67	81.65
								n	36	36	29
QUINNY BK	B4370 RD BR MARSHBROOK TO R ONNY	B	B	c	RE2	C	S	m	1.85	0.07	93.08
	SO443 898 to SO436 844 7 Km							sd	0.8	0.07	7.08
	at STREFFORD SO444 855 19335580							%ile	2.88	0.14	84
								n	36	36	35
BYNE BK	UPSTREAM OF COATS TO CONF QUINNY BK	C	B	b	RE2	C	-	m	1.8	0.08	92.05
	SO526 928 to SO439 858 12.5 Km							sd	1.19	0.11	14.26
	at AFFCOT MILL COTTAG SO449 858 19358420							%ile	3.25	0.17	73.77
								n	37	37	35
CLUN R	MOOR HALL TRIB TO R. TEME	B	A		RE1	C	S	m	1.24	0.02	95.91
	SO228 818 to SO403 738 28 Km							sd	0.56	0.01	8.43
	at CONF. WITH TEME SO400 741 20349700							%ile	1.96	0.03	85.11
								n	35	36	34
REDLAKE R	FB AT UPPER TREVORWARD TO R. CLUN	A	A		RE2	C	-	m	1.14	0.02	96.41
	SO275 786 to SO394 747 15 Km							sd	0.46	0.01	8.27
	at JAY SO389 748 20367420							%ile	1.74	0.04	85.81
								n	35	35	34
KEMP R	BISHOPS MOAT TO SNAKESCROFT BK	B	B		RE1	S	S	m	1.83	0.08	95.22
	SO291 892 to SO324 872 4 Km							sd	0.91	0.18	8.81
	at COLEBATCH BRIDGE SO320 874 20671405							%ile	3	0.19	83.93
								n	35	35	35
KEMP R	SNAKESCROFT BK TO ACTON BANK BK	C	B		RE4	C	S	m	1.63	0.11	88.91
	SO324 872 to SO323 860 1.5 Km							sd	0.76	0.08	8.7
	at MINOR ROAD BRIDGE SO324 869 20671100							%ile	2.6	0.21	77.76
								n	35	35	35
KEMP R	ACTON BANK BK TO ACTON POOL BK	B	B		RE2	C	S	m	0.98	0.04	89.95
	SO323 860 to SO336 855 1.5 Km							sd	0.5	0.03	8.58
	at BROCKTON SO327 858 20670900							%ile	1.62	0.07	78.96
								n	35	35	35

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
KEMP R	ACTON POOL BK TO R. CLUN	B	B		RE1	C	S	m	1 25	0 04	89 16
	SO336 855 to SO381 815 8 5 Km							sd	0 48	0 03	5.26
	at PURSLOW NEW BRIDG SO364 811 20669300							%ile	1 91	0 08	77 29
								n	35	35	35
SNAKESCROFT BK	FB AT "THE VILLA" TO BISHOPS CASTLE STW	B	C		RE4	C	-	m	2 07	0 15	89 26
	SO337 886 to SO328 877 1 Km							sd	1 75	0.21	10 42
	at US BISHOPS CASTLE S SO328 877 20792180							%ile	4 05	0 33	75 9
								n	30	30	29
SNAKESCROFT BK	BISHOPS CASTLE STW TO THE R KEMP	E	E		RE4	M	-	m	4 09	0 86	74 7
	SO328 877 to SO324 872 0 5 Km							sd	5 18	0 9	16 52
	at 50M DS BISHOPS CAST SO325 875 20792100							%ile	8 85	1 78	53 52
								n	34	34	33
BARBOURNE BK	SPELLIS GREEN TO B4450 RD BR BLACKPOLE	D	D	C	RE2	S	-	m	2 14	0 16	76 35
	SO876 577 to SO868 578 0 8 Km							sd	1 32	0 17	13 2
	at B4550 BR BLACKPOLE SO868 578 22147580							%ile	3 77	0 34	59 44
								n	36	36	34
BARBOURNE BK	BLACKPOLE TO U/S PERDISWELL CULVERT	D	C	E	RE2	S	-	m	2 38	0 38	85 68
	SO868 578 to SO855 578 2 Km							sd	1 67	0 76	20 07
	at PERDISWELL PARK SO855 576 22146950							%ile	4 38	0 86	63 96
								n	41	45	38
BARBOURNE BK	U/S PERDISWELL CULVERT TO BILFORD ROAD	E	E	D	RE2	S	-	m	2 36	1 63	77 79
	SD855 578 to SO854 571 0 7 Km							sd	1 48	0 95	9 68
	at BILFORD RDAD . WOR SO854 571 22146620							%ile	4 18	2 81	65 38
								n	36	40	33
BARBOURNE BK	BILFORD ROAD (US CULVERT) TO R. SEVERN	D	D	C	RE4	C	-	m	1.94	0 79	77 18
	SO854 571 to SO840 565 2 Km							sd	0 83	0 62	11.24
	at A449 BR GHELUVONT P SO845 564 22145580							%ile	3.01	1.51	62 78
								n	36	36	34
SALWARPE R	SUGAR BK TO B4091 STOKE PRIOR	E	D up	E	RE4	C	-	m	4 61	0 66	77.39
	SO958 681 to SO948 676 1.5 Km							sd	1 38	0 52	13 13
	at STOKE PRIOR SO948 676 22246680							%ile	6 44	1.27	60 57
								n	36	36	36
SALWARPE R	B4091 STOKE PRIOR TO CONF WITH HEN BK	E	C up	D	RE3	C	-	m	3.98	0.33	87 83
	SO948 676 to SO928 668 3.5 Km							sd	1.32	0 32	12 48
	at UPTON WARREN SO934 674 22246460							%ile	5.72	0 67	71 83
								n	35	35	35
SALWARPE R	HEN BK TO CHAPEL BR B4090 DROITWICH	C	B	D	RE3	C	-	m	2.56	0 15	102 4
	SO928 668 to SO902 635 6 2 Km							sd	0.92	0.15	18 03
	at CHAPEL BRIDGE . DRDI SO902 635 22244040							%ile	3.77	0.31	79 29
								n	35	35	33.
SALWARPE R	CHAPEL BR DROITWICH TO DROITWICH STW	B	C	C	RE3	C	-	m	2.42	0.11	95.18
	SO902 635 to SO863 617 5.7 Km							sd	1.94	0.09	27.42
	at HARFORD HILL SO864 618 22241840							%ile	4.66	0.2	60 04
								n	35	35	33
SALWARPE R	DROITWICH STW TO CONF WITH MARTIN BK	C	C	C	RE3	C	-	m	2.62	0.16	89.42
	SO863 617 to SO860 605 2.1 Km							sd	0.94	0 13	22 36
	at PORTERS MILL SO860 604 22241560							%ile	3.85	0 3	60 77
								n	35	35	33
SALWARPE R	MARTIN BK TO CONF. WITH R. SEVERN	C	C	C	RE3	C	-	m	2.85	0 22	89 85
	SO8600 6050 to SO8415 6008 5 5 Km							sd	1.3	0 21	7 16
	at A449 BRIDGE, HAWFOR SO846 601 22240160							%ile	4.52	0 44	80 68
								n	36	36	34
HADLEY BK	BRADFORD BRIDGE A442 TO R. SALWARPE	B	B	A	RE2	C	-	m	1.95	0 05	93.03
	SO870 713 to SO869 620 10 Km							sd	1.49	0 04	10.3
	at A4133 WARDS BRIDGE SO870 632 22269560							%ile	3 7	0 1	79 84
								n	36	36	34
ELMBRIDGE BK	RD BR NR. CACHES FARM TO R. SALWARPE	C	D		RE2	S	-	m	1.83	0.11	82.82
	SO8943 6958 to SO8831 6287 7.5 Km							sd	1.11	0 07	20 61
	at NEWTOWN, DROITWIC SO885 634 22485300							%ile	3.21	0.21	56 41
								n	33	33	33
HEN BK	MEADOWS FARM WOODGATE TO STOKE US BAYER	D	B	C	RE2	M	-	m	1.92	0.12	91.13
	SO9632 6689 to SO9495 6695 1.6 Km							sd	1.28	0.22	8 46
	at CULVERT ENRTY US B SO9495 6695 22629560							%ile	3 48	0 26	80 29
								n	25	26	24
HEN BK	STOKE WHARF (US BAYER) TO SHAW LANE	D	C	C	RE3	M	-	m	2.36	0 37	95.78
	SO9495 6695 to SO943 667 0 8 Km							sd	2.04	0.74	16 28
	at SHAW LANE DS BAYER SO943 667 22629420							%ile	4 65	0 83	74 92
								n	37	40	36
HEN BK	STOKE WHARF (DS BAYER) TO STOKE PRIOR STW	C	C	B	RE3	M	-	m	2 42	0.35	95 65
	SO9435 667 to SO936 666 0 5 Km							sd	2 3	0 6	14.02
	at SHAW LANE DS BAYER SO943 667 22629420							%ile	4 9	0 8	77 69
								n	26	27	23

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
HEN BK	STOKE PRIOR STW TO TRIB FROM MARSHY POND SO936 666 to SO933 668 0.5 Km at DS STOKE PRIOR STW SO933 667 22629180	D	E	E	RE4	S	-	m sd %ile n	8.1 3.53 12.65 34	1.33 1.3 2.72 35	69.97 11.92 53.69 31
HEN BK	TRIB FROM MARSHY POND TO R SALWARPE SO9335 6681 to SO9276 6680 0.6 Km at A38 HENBROOK SO928 668 22629020	E	E	D	RE4	S	-	m sd %ile n	2.93 1.51 4.85 35	0.29 0.36 0.62 36	65.7 22.09 37.4 34
SUGAR BK	BATTLEFIELD BK TO BROMSGROVE STW SO955 704 to SO960 683 2.5 Km at US FRINGE GREEN WR SO958 687 22686360	D	C	E	RE3	C	-	m sd %ile n	2.25 1.84 4.35 35	0.13 0.15 0.27 36	90.36 11.25 75.94 34
SUGAR BK	BROMSGROVE STW TO R SALWARPE SO960 683 to SO958 681 0.5 Km at AVON CROFT BRIDGE SO958 681 22686160	E	E	D	RE4	S	-	m sd %ile n	6.26 2.77 9.84 36	1.12 0.77 2.05 36	59.94 14.08 41.89 34
SPAOESBOURN E BK	LICKEY END TO BATTLEFIELD BK SO974 724 to SO955 704 2.8 Km at BROMSGROVE COLLE SO9655 7145 22687780	O	C	C	RE3	C	-	m sd %ile n	2.5 1.4 4.26 35	0.04 0.03 0.08 36	93.44 7.68 83.6 34
BATTLEFIELD BK	WASHINGSTOCKS FARM TO CONF. SUGAR BK SO959 730 to SO964 711 5 Km at FROCKBURY PARK (FA SO950 722 22733450	O	D	f	RE2	S	-	m sd %ile n	3 4.58 6.71 24	0.09 0.17 0.21 24	91.86 13.53 74.53 22
GRIMLEY BK	DS BENTLEY FARM TO R. SEVERN SO817 625 to SO840 616 5 Km at GRIMLEY BRIDGE SO830 608 22833380	C	C	A	RE2	M	-	m sd %ile n	1.92 0.92 3.1 35	0.11 0.13 0.24 34	85.77 13.59 68.36 34
SHRAWLEY BK	A443 BRIDGE TO R. SEVERN SO777 648 to SO813 639 4.7 Km at B4196 BRIDGE SO812 638 22932040	B	B	f	RE2	C	-	m sd %ile n	1.51 0.85 2.58 35	0.05 0.05 0.11 34	92.68 8.58 81.69 34
DICK BK	WEIR US OF WORRALL'S MILL TO R. SEVERN SO773 697 to SO812 667 7 Km at B4196 BRIDGE SO798 668 23032380	B	B	a	RE2	C	-	m sd %ile n	1.63 0.81 2.66 34	0.03 0.02 0.05 34	92.73 8.77 81.49 33
HARTLEBURY BK	US OF HARTLEBURY CASTLE TO R. SEVERN SO838 718 to SO820 694 3.5 Km at A4025 TITTON BRIDGE SO825 700 23249180	B	B		RE2	C	-	m sd %ile n	2.15 1.21 3.67 36	0.04 0.04 0.08 36	91.83 7.4 82.35 35
STOUR R	TACK FARM BR TO CONF ILLEY BK SO960 824 to SO969 840 1.5 Km at DOG KENNEL LANE SO969 831 23327650	B	B	B	RE3	C	-	m sd %ile n	1.84 0.7 2.75 36	0.06 0.06 0.13 36	86.89 7.94 76.71 35
STOUR R	CONF ILLEY BK TO FB LODGE FORGE SO969 840 to SO943 853 4 Km at HAYSEECH ROAD BR SO959 849 23326940	C	C	E	RE3	C	-	m sd %ile n	2.09 2.01 4.24 35	0.37 0.24 0.66 35	91.65 6.38 83.47 34
STOUR R	FB. AT LODGE FORGE TO MOUSESWEET BK SO943 853 to SO934 857 1. Km at BRIDGE ST CRADLEY SO943 854 23326430	E	B up	E	RE4	C	-	m sd %ile n	2.05 1.56 3.89 35	0.21 0.15 0.39 35	90.53 10.07 77.63 34
STOUR R	CONF MOUSESWEET BK TO CONF SALT BK SO934 857 to SO930 852 1 Km at MAYPOLE HILL SO934 856 23326180	D	C	D	RE4	C	-	m sd %ile n	2.09 1.93 4.21 36	0.24 0.27 0.51 36	91.37 6.72 82.76 35
STOUR R	CONF SALT BK TO FREEHOLD STW SO930 852 to SO920 850 2 Km at LYE SO922 849 23325640	O	C	E	RE4	C	-	m sd %ile n	2.42 2.03 4.72 36	0.24 0.27 0.5 36	94.39 14.24 76.14 36
STOUR R	FREEHOLD STW TO CALEDONIA STW SO920 850 to SO917 848 1 Km at DS FREEHOLD STW SO919 851 23325540	E	F		RE4	S	-	m sd %ile n	3.58 2.21 6.31 36	5.28 3.15 9.2 36	83.91 16.77 62.42 35
STOUR R	CALEDONIA STW TO CONF AUDNAM BK SD917 848 to SO892 859 3.5 Km at BAGLEY STREET SO914 847 23325260	E	E		RE4	S	-	m sd %ile n	3.92 2.07 6.54 36	4.42 2.62 7.68 36	81.83 11.28 67.37 35
STOUR R	CONF AUDNAM BK TO CONF WITH SMESTOW BK SO892 659 to SO863 855 3 Km at WORDSLEY SO884 859 23323700	E	E	e	RE4	S	-	m sd %ile n	2.9 1.34 4.63 36	2.24 1.46 4.02 36	68.06 10.95 54.03 35

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
STOUR R	CONF WITH SMESTOW BK TO ROUNDHILL STW SO863 855 to SO853 828 4.5 Km at STOURTON SO861 848 23323300	E	E	d	RE4	M	-	m sd %ile n	3.22 1.36 4.99 36	1.47 1.11 2.77 36	91.74 6.58 83.31 35
STOUR R	ROUNDHILL STW TO COOKLEY ROAD BR SO853 828 to SO842 804 3 Km at WHITTINGTON LOCK SO854 828 23322635	E	E	f	RE4	S	-	m sd %ile n	7.36 1.63 9.52 36	0.99 0.67 1.8 36	88.83 8.08 78.48 35
STOUR R	COOKLEY ROAD BR TO BLAKEDOWN BK SO842 804 to SO829 775 4.5 Km at WOLVERLEY SO829 791 23320580	E	D		RE4	C	-	m sd %ile n	4.48 1.98 7.04 36	0.72 0.66 1.45 36	84.37 9.82 71.79 35
STOUR R	BLAKEDOWN BK TO KIDD STW SO829 775 to SO826 738 4 Km at FALLING SANDS SO830 745 23315520	O	D	a	RE4	C	-	m sd %ile n	4.87 1.31 6.6 37	0.66 0.52 1.33 36	76.56 8.84 55.22 36
STOUR R	KIDD STW TO CONF R SEVERN SO826 738 to SO812 708 5 Km at STOURPORT SO813 707 23314180	E	E	e	RE4	S	-	m sd %ile n	6.21 2.39 9.33 33	1.13 0.62 1.91 32	77.69 9.92 64.97 32
HOO BK	BELBROUGHTON TO HILLPOOL ROAD BR SO918 770 to SO897 761 2.5 Km at DRAYTON RD BELB TO SO9185 7705 23351300	B	B	D	RE2	C	-	m sd %ile n	2.29 0.95 3.53 36	0.07 0.05 0.13 36	91.72 5.41 84.78 35
HOO BK	HILLPOOL ROAD BR TO SPENNELLS RD BR SO897 761 to SO839 750 7 Km at U/S KIDD SO8485 7530 23349950	O	C	D	RE2	M	-	m sd %ile n	2.73 1.36 4.46 36	0.1 0.11 0.21 36	91.57 6.13 83.71 35
HOO BK	SPENNELLS RD BR TO CONF R STOUR SO839 750 to SO829 746 1.1 Km at HOOBROOK SO8355 7485 23349100	D	B	D	RE2	C	-	m sd %ile n	2.37 1.23 3.93 36	0.08 0.09 0.18 36	94.2 8.1 83.83 35
BLAKEDOWN BK	GALLOWS BK TO BLAKEDOWN OUTFALL STW SO876 782 to SO868 782 0.9 Km at US BLAKEDOWN STW SO875 783 23416980	O	B	C	RE2	C	-	m sd %ile n	2.01 0.8 3.05 36	0.12 0.15 0.25 36	86.51 8.2 76 35
BLAKEDOWN BK	OUTFALL BLAKEDOWN STW TO RD BR HURCOT SO868 782 to SO852 778 1.9 Km at DS BLAKEDOWN STW SO865 780 23416780	O	E	E	RE2	S	-	m sd %ile n	3.01 1.22 4.6 35	0.34 0.26 0.65 35	66.66 15.82 46.39 35
BLAKEDOWN BK	RD BR HURCOT TO CONF R STOUR SO852 778 to SO830 778 2 Km at BROADWATERS BR SO840 780 23416260	C	O	D	RE2	S	-	m sd %ile n	3.22 2.46 6.1 38	0.13 0.11 0.25 38	77.32 19.71 52.07 37
DRAKELOW BK	LYDIATES FARM TO CONF R. STOUR SD821 832 to SO829 792 5 Km at WOLVERLY SO829 793 23475020	D	B up	E	RE2	C	-	m sd %ile n	1.68 0.68 2.8 35	0.04 0.02 0.07 35	91.13 7.14 81.97 31
SMESTOW BK	ALDERSLEY STADIUM TO COMPTON OVERFLOW SO898 007 to SO885 992 2 Km at ALDERLEY STADIUM SJ898 007 23529780	D	E	E	RE4	S	-	m sd %ile n	5.74 4.37 10.86 36	0.95 0.85 1.9 36	84.24 22.98 54.79 34
SMESTOW BK	COMPTON OVERFLOW TO TRESCOTT STW SO885 992 to SO855 976 3.5 Km at COMPTON RD BRIDGE SO883 988 23529180	D	E	F	RE4	S	-	m sd %ile n	6.71 8.45 14.55 36	0.64 0.46 1.19 36	66.09 26.4 32.25 35
SMESTOW BK	TRESCOTT STW TO CONF UNNAMED TRIB SO855 976 to SO839 959 2.5 Km at FARM BR FURN G SO845 966 23528300	E	D	E	RE4	C	-	m sd %ile n	5.22 1.58 7.3 36	1.12 1.08 2.27 36	107.1 31.46 66.77 35
SMESTOW BK	CONF UNNAMED TRIB TO CONF WOM BK SO839 959 to SO855 920 6 Km at WOODFORD LANE SO856 937 23527180	D	C	E	RE4	C	-	m sd %ile n	3.34 1.42 5.18 36	0.37 0.58 0.83 36	111.8 23.52 81.61 35
SMESTOW BK	CONF WOM BK TO CONF BOBS BK SO855 920 to SO865 899 2.8 Km at SWINDON RD BR SO861 903 23526180	D	D	E	RE4	C	-	m sd %ile n	4.31 1.61 6.42 35	1.11 0.84 2.09 35	82.06 14.25 63.8 34
SMESTOW BK	CONF HOLBECHE BK TO CONF DAWLEY BK SO865 899 to SO863 881 2 Km at HINKSFORD PARK SO864 898 23525980	D	C	E	RE4	C	-	m sd %ile n	3.85 1.33 5.59 33	0.6 0.71 1.29 34	85.97 13.94 68.1 32

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SMESTOW BK	CONF DAWLEY BK TO CONF R .STOUR SO863 881 to SO863 855 3 Km. at PRESTWOOD SO861 865 23525180	O	C	d	RE4	C	-	m sd %ile n	3.72 1.61 5.8 42	0.48 0.57 1.02 42	92.53 7.32 83.15 41
BOBS/HOLBECH E BK	L.GORNAL OUTFALL TO BOBS/HOLBECHE CONF SO902 909 to SO8989 9070 0.5 Km at DS L. GORNAL STW SO900 907 23619030	F	E up	D	RE5	C	-	m sd %ile n	5.34 2.13 8.12 35	0.93 0.51 1.58 35	89.73 5.78 82.31 33
BOBS/HOLBECH E BK	BOBS/HOLBECHE CONF TO CONF SMESTOW BK SO8989 9070 to SO8655 8990 3.3 Km at HINKSFORD BRIDGE SO867 898 23596120	D	C up	E	RE4	C	-	m sd %ile n	3.21 1.08 4.63 34	0.18 0.16 0.36 34	91.97 8.36 81.26 32
BOBS/HOLBECH E BK	SPOUT HOUSE TO L GORNAL OUTFALL SO912 926 to SO902 909 2 Km at US L GORNAL STW SO9030 9110 23619190	D	C	0	RE4	C	-	m sd %ile n	2.09 1.82 4.13 35	0.12 0.1 0.24 35	89.59 9.1 79.21 34
WOM/PENN BK	GOSPEL END STW TO A643 ROAD BR SO904 943 to SO885 937 2 Km at PENN ROAD SO898 942 23649150	E	E	E	RE4	S	-	m sd %ile n	5.91 2.71 9.4 32	0.35 0.38 0.74 32	86.81 19.7 62.85 32
WOM/PENN BK	A643 ROAD BR TO GRAVEL HILL ROAD BR SO885 937 to SO875 927 1.2 Km at WOMBOURNE BR B491 SO880 932 23647980	C	C	C	RE4	C	-	m sd %ile n	3.14 1.18 4.68 32	0.13 0.17 0.29 32	94.72 7.64 84.92 32
WOM/PENN BK	GRAVEL HILL ROAD BR TO WOMBOURNE STW SO875 927 to SO857 921 2 Km at HEATH HOUSE SO858 923 23647100	D	C	C	RE4	C	-	m sd %ile n	2.89 1.53 4.83 35	0.24 0.68 0.54 35	96.73 13.45 79.49 34
WOM/PENN BK	OUTFALL WOMBOURNE STW TO SMESTOW BK SO857 921 to SO856 919 0.5 Km at SMESTOW CONF. SO856 920 23647020	E	E	E	RE4	S	-	m sd %ile n	6.73 3.18 10.81 33	3.15 2.11 5.7 33	83.94 10.1 70.99 32
MERRYHILL BK	RD. BR NEWHOUSE FRM TO CONF WOM BK SO878 965 to SO864 927 5.8 Km at BRATCH ROAD BRIDGE SO867 938 23657300	D	C	F	RE3	M	-	m sd %ile n	3.28 1.98 5.74 27	0.11 0.14 0.23 28	106.9 36.37 60.29 28
MOUSESWEET BK	WITHYMOOR RD TO CONF BLACK BK SO955 876 to SO937 862 2.2 Km at HALESOWEN ROAD SO933 871 23784980	E	C	F	RE4	C	-	m sd %ile n	3 2.58 5.9 35	0.51 1.26 1.15 35	89.48 7.74 79.56 35
MOUSESWEET BK	CONF BLACK BK TO CONF R. STOUR SO937 862 to SO934 857 0.8 Km at FORGE LANE SO935 857 23784020	B	B	E	RE3	C	-	m sd %ile n	1.67 1.29 3.17 36	0.28 0.19 0.51 36	91.5 6.6 83.04 36
LUTLEY GUTTER	RD BR LUTLEY LA TO RIVER STOUR SO942 829 to SO952 847 2.4 Km at BELLE VALE SO953 844 23814180	B	B		RE2	C	-	m sd %ile n	1.91 1.55 3.69 35	0.1 0.08 0.2 35	95.89 6.07 88.1 35
ILLEY BK	FB TWILAND WOOD TO CONF R.STOUR SO976 811 to SO9690 8405 3.5 Km at DUDLEY RD BR SO969 841 23850040	B	C	D	RE3	C	-	m sd %ile n	2.51 2.86 5.33 36	0.16 0.24 0.36 36	94.81 7.39 85.34 36
DOWLES BK	FB AT THE BANK TO CONF. LEM BK SO720 765 to SO722 766 0.2 Km at MINOR RD BR CONF. L SO722 766 23967980	A	B	b	RE2	C	S	m sd %ile n	1.82 0.82 2.89 34	0.05 0.05 0.09 34	96.08 7.13 86.94 32
DOWLES BK	CONF. LEM BK TO CONF. R SEVERN SO722 766 to SO779 764 7.2 Km at DOWLES CONF. SEVER SO778 763 23966180	A	B	c	RE2	C	S	m sd %ile n	1.79 0.98 3.02 33	0.03 0.02 0.06 33	97.3 6.9 88.45 32
BORLE BK	FB BELOW DOWN MILL TO B4555 NETHERTON SO686 898 to SO734 823 9.5 Km at BORLEMILL BRIDGE SO733 827 24239640	O	B	A	RE2	C	-	m sd %ile n	2.02 1.38 3.68 34	0.17 0.65 0.37 34	101.3 9.65 88.98 33
BORLE BK	B4555 NETHERTON TO CONF. R. SEVERN SO734 823 to SO753 816 2 Km at CONF. SEVERN SO753 816 24239020	A	B	B	RE2	C	-	m sd %ile n	1.96 1.21 3.46 34	0.07 0.1 0.16 34	96.34 8.99 84.82 32
HAMPTON LOADE BK	LAKEHOUSE DINGLE BK TO CONF. R SEVERN SO757 859 to SO747 863 1 Km at CONFLUENCE SO747 863 24492020	A	B		RE2	C	-	m sd %ile n	1.62 1.04 2.89 33	0.09 0.15 0.2 34	98.68 6.83 89.92 34

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	ROO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
LAKEHOUSE DINGLE BK	DS OF ALVELEY TO CONF HAMPTON LOADE BK SO7600 8504 to SO7575 8591 1 Km at DS ALVELEY STW SO757 856 24500020	C	C		RE4	C	-	m sd %ile n	2.85 0.95 4.11 33	0.19 0.5 0.43 34	92.15 5.8 79.62 34
MOR BK	WEIR AT MUCKLEY TO B4364 CROSHOUSES SO646 957 to SO692 916 6.5 Km at B4364 CROSS HOUSES SO692 916 24519020	B	B	A	RE2	C	-	m sd %ile n	1.56 1.16 2.93 33	0.08 0.17 0.18 33	92 7.8 82 31
MOR BK	B4364 CROSHOUSES TO CONF. R. SEVERN SO692 916 to SO733 885 6 Km at CONFLUENCE SO731 888 24585380	A	B	B	RE2	C	-	m sd %ile n	1.66 1.19 3.08 33	0.04 0.05 0.09 33	99.42 8.56 88.45 31
WORFE R	ALBRIGHTON BK TO WATER ABSTRACTION SJ781 046 to SJ780 046 0.1 Km at INTAKE RAW WATER SJ780 046 25034780	B	B	B	RE2	C	S	m sd %ile n	1.88 0.88 3.02 33	0.05 0.07 0.12 34	91.94 12.88 75.44 32
WORFE R	WATER ABSTRACTION TO BECKBURY STW SJ780 046 to SJ759 015 5 Km at RYTON BRIDGE SJ759 026 25033580	D	B	C	RE2	C	S	m sd %ile n	1.71 0.56 2.48 34	0.16 0.17 0.34 35	87.54 12.84 71.09 33
WORFE R	BECKBURY STW TO BROAD BR STAPLEFORD SJ759 015 to SO7618 9818 5 Km at DS MAD BK STAPLEFO SJ760 988 25032420	D	B	D	RE2	C	S	m sd %ile n	2.15 1.43 3.89 33	0.09 0.12 0.19 34	89.13 7.11 80.01 32
WORFE R	BROAD BR STAPLEFORD TO CONF. R. SEVERN SO7618 9818 to SO7246 9516 17 Km at RINDLEFORD SO738 955 25029740	B	B	a	RE2	C	S	m sd %ile n	1.81 0.74 2.78 34	0.06 0.07 0.13 35	93.34 7.71 83.46 33
STRATFORD BK	COPLEY LANE FORD TO TRIB FROM RUDGE SO8011 9842 to SO802 982 0.3 Km at DS PATTINGHAM SO801 985 25072580	C	D	C	RE2	S	-	m sd %ile n	3.76 2.18 6.48 33	0.09 0.12 0.2 34	89.52 12.53 73.33 33
STRATFORD BK	CONF TRIB FROM RUDGE TO CONF. R WORFE SO802 982 to SO758 948 7 Km at WYKEN WHEEL BR SO763 952 25070020	B	B	A	RE2	C	-	m sd %ile n	2.13 1.09 3.52 33	0.09 0.09 0.19 34	96.09 8.61 85.05 33
HILTON CLAVERLEY BK	US BOBBINGTON STW TO BOBBINGTON STW SO808 906 to SO808.908 0.2 Km at US BOBBINGTON STW SO808 906 25090700	A	A		RE2	C	-	m sd %ile n	1.27 0.77 2.22 35	0.06 0.07 0.12 35	93.49 5.62 86.29 35
HILTON CLAVERLEY BK	BOBBINGTON STW TO CONF. STRATFORD BK SO808 908 to SO7726 9550 9.1 Km at BROUGHTON SO807 916 25090450	B	C	B	RE2	M	-	m sd %ile n	2.29 2.23 4.66 34	0.12 0.15 0.27 34	88.65 13.16 71.98 33
MAD BK	CUCKOO OAK TO CULVERT EXIT AT HALDANE SJ709 048 to SJ7141 0388 1.3 Km at CULVERT OUTFALL, HA SJ714 039 25293210	D	D	D	RE2	S	-	m sd %ile n	4.32 1.76 6.61 32	0.16 0.09 0.27 32	88.49 12.98 71.86 32
MAD BK	CULVERT EXIT AT HALDANE TO R. WORFE SJ7141 0388 to SJ7598 0119 6 Km at BECKBURY BR SJ758 015 25292180	C	C	E	RE2	S	-	m sd %ile n	2.92 1.81 5.16 24	0.06 0.06 0.12 24	100.6 11.07 86.45 22
WESLEY BK	B4379 BR SHIFNAL TO CONF. R. WORFE SJ7475 0763 to SJ7595 0283 6.5 Km at GRINDLEFORD SJ753 034 25329180	A	B	B	RE2	C	-	m sd %ile n	1.95 1.41 3.63 33	0.09 0.19 0.21 34	97.06 10.72 87.33 32
NEDGE BK	FB AT RANDLAY WOODS TO CONF. WESLEY BK SJ7083 0794 to SJ7410 0614 5 Km at NAIRD LANE SJ715 068 25340820	C	B	b	RE2	C	-	m sd %ile n	1.3 1.06 2.52 31	0.03 0.05 0.08 31	96.34 7.72 86.44 30
ALBRIGHTON BK	CHAPPEL HOUSE FM TO CONF. R. WORFE SJ8030 0470 to SJ7805 0463 2.7 Km at A464 BRIDGE SJ781 046 25439020	C	C	C	RE2	M	-	m sd %ile n	2.42 1.82 4.56 31	0.12 0.15 0.26 32	96.16 10.87 82.23 31
NEACHLEY BK	NORTON MERE INLET TO BURLINGTON BK SJ7959 0936 to SJ7816 0523 5 Km. at TONG LODGE SJ784 067 25468580	B	B	C	RE2	C	-	m sd %ile n	2.06 1.26 3.62 32	0.04 0.05 0.09 33	95.53 7.82 85.51 32
BURLINGTON BK	FORD AT LIZARD MILL TO ALBRIGHTON BK SJ7871 0957 to SJ7816 0523 5 Km at BURLINGTON SJ776 110 25491500	D	D	B	RE2	M	-	m sd %ile n	2.46 1.34 4.15 10	0.07 0.07 0.14 10	95.4 27.91 59.63 10

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	OO % SAT
LYDE BK	COALBROOKDALE RD BR. TO CONF. R SEVERN SJ667 049 to SJ666 036 1.5 Km at COALBROOKDALE SJ666 037 25741060	C	C	E	RE2	M	-	m sd %ile n	1 63 1.73 3 4 22	0 61 2 18 1 3 22	101.2 11 64 86.31 22
MUCH WENLOCK/ FARLEY BK	FORRESTER COT HOSP TO LANDOWNER CULVERT SJ630 006 to SJ632 017 1 Km at US LIQUID LANDOWNE SJ632 017 25828090	O	D	D	RE4	C	-	m sd %ile n	3 53 5 8 7.94 20	0 17 0 1 0.29 20	83 7 9 72 87 22
MUCH WENLOCK/ FARLEY BK	LANDOWNER CULVERT TO RD BR TICK HILL SJ632 017 to SJ636 031 1.5 Km at DS LIQUID LANDOWNE SJ632 018 25827980	O	E	D	RE4	C	-	m sd %ile n	2 74 2 46 5 45 21	1 53 0.77 2 5 21	85 55 6 63 76 8 22
MUCH WENLOCK/ FARLEY BK	RD BR TICK HILL TO CONF. R SEVERN SJ636 031 to SJ641 044 2 Km at BROOKS HILL SJ639 038 25827260	C	B	C	RE3	C	-	m sd %ile n	2 18 1 12 3 61 36	0 12 0 22 0 26 36	97 09 7 24 87 81 35
SHEINTON BK	CONF HARLEY BK TO CONF. R. SEVERN SJ604 012 to SJ608 049 5 Km at SHEINTON SJ607 041 25925300	A	C down	A	RE2	M	-	m sd %ile n	2 33 2 14 4 67 35	0 06 0 05 0 12 35	100 4 10 09 87 42 34
COUND BK	CHURCH BR TO STAPLETON BR SJ481 034 to SJ477 043 1 Km at STAPLETON BR US CO SJ477 043 26272390	A	C down	C	RE1	S	S	m sd %ile n	2 16 2 19 4 45 35	0 07 0 09 0 15 35	102 4 11 42 87 6 34
COUND BK	STAPLETON BR TO RD BR NR. HOME FM SJ477 043 to SJ493 058 3.5 Km at CONDOVER BR SJ493 058 26272000	A	C down	B	RE1	S	S	m sd %ile n	2 36 2 42 4 88 35	0 08 0 08 0 17 35	104 7 20.97 77.83 34
COUND BK	RD BR NR. HOME FM TO CONF. R. SEVERN SJ493 058 to SJ566 062 10 Km at COUND BRIDGE SJ558 057 26269380	A	C	A	RE1	S	S	m sd %ile n	2.18 2.17 4 47 35	0.06 0 08 0.13 35	102 8 11.26 88 38 34
TERN R	FB AT KNIGHTON FARM TO COAL BK SJ734 392 to SJ684 340 8.9 Km at SHIFFORDS BRIDGE SJ692 349 26957180	B	B	b	RE2	C	S	m sd %ile n	1.72 0.68 2.62 36	0.1 0 1 0.2 36	94.13 5.38 87.23 34
TERN R	COAL BK TO WALKMILL BR SJ684 340 to SJ671 335 2 Km at WALKMILL BRIDGE SJ671 335 26955600	B	B	c	RE2	C	S	m sd %ile n	1.92 1.37 3.55 36	0.13 0 07 0.22 36	91.81 8 49 80 93 33
TERN R	WALKMILL BR TO BAILEY BK SJ671 335 to SJ629 315 6.2 Km at BUNTINGSDALE BRIDG SJ658 331 26955380	B	B	c	RE2	C	S	m sd %ile n	1.76 0.64 2 6 36	0.18 0.15 0 35 36	88 86 14 68 70 05 33
TERN R	BAILEY BK TO ALLFORD BK SJ629 315 to SJ648 224 10 8 Km at EATON GAUGING ST. SJ649 231 26950820	B	B		RE2	C	C	m sd %ile n	1 66 0 91 2 8 34	0 09 0 1 0 19 34	95 91 6 96 86 97 32
TERN R	ALLFORD BK TO R. STRINE SJ648 224 to SJ629 175 6 Km at WATERS UPTON SJ631 193 26949580	B	B		RE2	C	C	m sd %ile n	1 9 0 88 3 03 82	0 06 0 05 0 11 82	97.71 12 05 82 27 71
TERN R	R. STRINE TO COMMISSION DRAIN SJ629 175 to SJ614 148 3.3 Km at LONGDON ON TERN SJ617 154 26948480	D	B up		RE3	C	C	m sd %ile n	1.99 0.94 3 2 74	0 09 0.07 0 17 74	93 62 13.33 76 74 69
TERN R	COMMISSION DRAIN TO R. RODEN SJ614 148 to SJ593 123 4 9 Km at ALLSCOTT SJ612 133 26947700	C	B		RE3	C	C	m sd %ile n	2.42 1.08 3 81 80	0 24 0 44 0.54 80	87.56 12.26 71.65 72
TERN R	R. RODEN TO R. SEVERN SJ593 123 to SJ553 091 7 Km at ATCHAM SJ552 092 26944180	B	B		RE2	C	C	m sd %ile n	1.95 0.92 3.13 91	0.19 0.19 0.38 92	92.47 10.98 78 4 85
RODEN R	WOVERLEY BK TO WEM STW OUTFALL SJ4715 3057 to SJ5178 2856 6.9 Km at SPENDFORD BRIDGE SJ479 299 27047320	D	C up	b	RE2	S	C	m sd %ile n	2.15 2.18 4 44 42	0 26 0.27 0.54 41	81.14 11.49 66 42 42
RODEN R	WEM STW OUTFALL TO CONF. SOULTON BK SJ5178 2856 to SJ5453 2935 3.5 Km at ASTON BRIDGE SJ530 287 27045180	C	B	a	RE2	C	C	m sd %ile n	1.96 1.29 3.53 42	0.18 0 2 0.38 41	90 75 7.72 80 86 42

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
RODEN R	SOULTON BK TO SHAWBURY STW OUTFALL SJ5453 2935 to SJ5643 2174 15.2 Km at THISTLEFORD BR SJ543 281 27044180	C	B	b	RE2	C	C	m sd %ile n	1.9 1.1 3.28 42	0.16 0.15 0.33 41	91.75 6.58 83.33 42
RODEN R	SHAWBURY STW TO R. TERN SJ5643 2174 to SJ5930 1235 14.5 Km at RODDINGTON SJ590 143 27039220	B	B	b	RE2	C	C	m sd %ile n	1.8 0.74 2.76 42	0.1 0.08 0.19 40	94.5 5.09 87.98 42
SOULTON BK	UPPER LACON FB TO R. RODEN SJ549 319 to SJ545 293 2.5 Km at B5065 BR STOULTON SJ546 303 27230380	D	C	c	RE2	M		m sd %ile n	2.12 2.23 4.42 42	0.3 0.31 0.62 41	88.82 8.85 77.48 42
STRINE R	CONF. OF PIPE STRINE TO R. TERN SJ674 183 to SJ629 175 5.1 Km at CRUDGINGTON SJ630 178 28208180	C	C	c	RE3	C		m sd %ile n	2.05 0.94 3.27 72	0.29 0.27 0.58 72	105.2 29.28 68.7 69
PIPE STRINE	THE BIRCH MOORS TO CONF. STRINE BK SJ702 196 to SJ674 183 3.5 Km at TIBERTON MOOR SJ683 184 28209580	D	D	c	RE2	S		m sd %ile n	2.03 1.49 3.79 32	1.03 1.4 2.27 32	98.59 15.39 78.86 29
RED STRINE	HUMBER BK TO R. STRINE SJ684 164 to SJ644 174 5.3 Km at DUKES DRIVE SJ653 163 28224200	D	C	c	RE3	C		m sd %ile n	2.36 1.95 4.59 33	0.2 0.19 0.4 33	116.7 31.25 76.67 29
HUMBER BK	SOURCE TO RIVER RED STRINE SJ699 144 to SJ684 164 2.7 Km at HUMBERS SJ693 153 28250180	D	C	d	RE3	C		m sd %ile n	2.31 1.19 3.62 33	0.34 0.48 0.76 33	85.28 18.62 61.42 28
STRINE BK	NEWPORT STW TO CONF. PIPE STRINE SJ735 192 to SJ674 183 8.4 Km at LONGFORD BR SJ719 184 28271780	C	D	c	RE3	C		m sd %ile n	1.91 1.22 3.4 32	0.42 0.57 0.92 32	85.48 20.65 59.02 29
WALL BK	HONNINGTON RAIL BR TO STRINE BK SJ716 151 to SJ675 181 5.6 Km at WEALD MOOR SJ677 177 28291180	D	C	d	RE3	C		m sd %ile n	2.53 1.17 4.04 31	0.12 0.15 0.25 31	104.6 21.07 77.56 28
MEESE R	AQUALATE MERE OUTFALL TO LONCO BK SJ765 208 to SJ741 216. 3 Km at SKEWBRIDGE SJ757 210 28433600	O	E		RE2	S	C	m sd %ile n	5.73 4.51 10.96 33	0.13 0.15 0.27 33	89.99 34.79 45.4 59
MEESE R	LONCO BK TO A41 (T) RD BRIDGE SJ741 216 to SJ704 237 5 Km at STANFORD BR SJ704 238 28432380	C	C		RE2	M	C	m sd %ile n	2.57 1.13 4.04 34	0.1 0.13 0.22 34	86.06 15.36 66.38 31
MEESE R	A41 (T) RD BRIDGE TO R.TERN SJ704 237 to SJ638 208 12.8 Km at GREAT BOLAS SJ648 207 28431400	C	B		RE2	C	C	m sd %ile n	2.3 1.31 3.95 72	0.04 0.04 0.08 72	101.0 14.63 82.3 69
LONCO BK	OFFLEY GROVE FM TO FB AT.KNIGHTON SJ759 272 to SJ750 270 1.2 Km at KNIGHTON SJ751 272 28512680	B	C		RE2	M		m sd %ile n	2.29 2.16 4.63 33	0.27 0.48 0.61 33	88.56 9.78 76.03 30
LONCO BK	FB AT KNIGHTON TO R. MEESE SJ750 270 to SJ737 217 8.8 Km at WHITLEYFORD BR SJ746 238 28512180	C	C		RE2	M		m sd %ile n	2.45 1.97 4.72 33	0.19 0.53 0.43 33	93.97 11.37 79.4 31
STOKE BK	FB STOKE HEATH TO R. TERN SJ651 299 to SJ637 280 2.6 Km at STOKE ON TERN SJ641 281 28689040	C	C	d	RE2	S		m sd %ile n	2.7 1.24 4.3 34	0.09 0.07 0.17 35	80.21 12.3 64.45 32
BAILEY BK	MILLEN HEATH BR TO HOURSTONE LANE BR SJ577 349 to SJ609 337 4.1 Km at MILLENHEATH BR SJ578 349 28776980	E	C up	b	RE3	C		m sd %ile n	1.07 0.69 1.92 35	0.23 0.36 0.53 35	80.55 14.65 61.77 32
BAILEY BK	HOURSTONE LANE BR TO R. TERN SJ609 337 to SJ629 315 4.7 Km at LOSTFORD BR SJ629 316 28775020	C	B	b	RE3	C		m sd %ile n	1.88 1.31 3.44 34	0.19 0.33 0.44 34	99.04 15.72 78.89 31
COAL BK	ROAD BR GOLDENHILL FARM TO R. TERN SJ746 327 to SJ684 340 7.5 Km at AT OLD MILL SJ688 341 28913240	O	B	c	RE2	C		m sd %ile n	1.75 0.95 2.95 34	0.16 0.12 0.3 34	85.43 11.48 70.71 32

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
LOGGERHEADS BK	WHITE HOUSE FM TO LOGGERHEADS STW SJ744 365 to SJ735 362 0.9 Km at US LOGGERHEADS ST SJ736 362 29007420	F	B up	f	RE3	C	-	m sd %ile n	1.57 1.45 3.15 35	0.04 0.04 0.08 36	94.18 6.37 86.03 32
LOGGERHEADS BK	LOGGERHEADS STW TO R TERN SJ735 362 to SJ694 357 4.5 Km at DS LOGGERHEADS ST SJ726 365 29007320	E	C up	d	RE4	C	-	m sd %ile n	2.77 1.57 4.74 35	0.57 0.92 1.29 35	94.54 6.28 86.5 32
SUNDORNE BK	YORTON RD BR TO SUNDERTON POOL I/L SJ5035 2378 to SJ5318 1660 9.4 Km at WHEATLEY FARM SJ5334 1731 29172960	O	C		RE4	C	-	m sd %ile n	2.71 1.94 5.02 43	0.52 0.68 1.14 43	81.46 12.39 65.58 43
SUNDORNE BK	SUNDERTON POLL I/L TO CONF R SEVERN SJ5318 1660 to SJ5249 1408 3.1 Km at B5062 BRIDGE SJ525 146 29172180	D	C	d	RE3	C	-	m sd %ile n	2.51 0.95 3.75 43	0.42 1.69 0.88 43	83.63 11.62 68.74 43
REA BK	FB US OF HORSEBRIDGE TO MINSTERLEY STW SJ3667 0582 to SJ3716 0593 0.5 Km at HORSE BRIDGE SJ371 059 29272960	D	B		RE2	C	S	m sd %ile n	2.08 1.26 3.65 42	0.14 0.18 0.3 42	92.22 4.85 86.01 42
REA BK	MINSTERLEY STW TO CONF MINSTERLEY BK SJ3716 0593 to SJ3836 0647 1.7 Km at MALEHURST SJ383 064 29272820	D	D		RE2	S	S	m sd %ile n	2.87 4.39 6.41 26	0.28 0.57 0.64 26	93.34 6.88 84.52 42
REA BK	MINSTERLEY BK TO CONF PONTESBURY BK SJ3836 0647 to SJ4035 0737 3.6 Km at FARLEY SJ388 078 29272260	B	B		RE2	C	S	m sd %ile n	2.01 1.63 3.88 42	0.18 0.37 0.42 42	93.82 5.31 87.02 42
REA BK	CONF. PONTESBURY BK TO CRUCKTON BK SJ4035 0737 to SJ4330 0976 4.6 Km at LEA CROSS SJ419 084 29270780	C	B		RE2	C	S	m sd %ile n	1.83 1.31 3.39 42	0.1 0.1 0.2 42	94.95 4.32 89.41 42
REA BK	CRUCKTON BK TO CONF. R. SEVERN SJ4330 0976 to SJ4965 1227 13.1 Km at COLEHAM SJ496 123 29266040	B	C		RE2	M	S	m sd %ile n	2.19 1.72 4.19 41	0.09 0.15 0.21 42	93.71 4.69 87.71 44
MINSTERLEY BK	BANK COPPICE HOPE TO CREAMERY SJ346 012 to SJ377 055 5.5 Km at MINSTERLEY SJ376 061 29577380	A	B	d	RE2	S	-	m sd %ile n	1.59 1.12 2.93 37	0.08 0.11 0.17 37	97.14 4.73 91.07 54
MINSTERLEY BK	CREAMERY TO CONF. WITH REA BK SJ3771 0547 to SJ3836 0647 1 Km at MALEHURST SJ385 062 29577040	C	B		RE2	S	-	m sd %ile n	1.8 1.17 3.23 55	0.06 0.06 0.12 55	97.37 3.96 92.29 54
LEATON BK	MEDLEY FM NR. BOMERE TO R. SEVERN SJ467 191 to SJ470 171 2.5 Km at LEATON SJ473 160 29949160	E	C up		RE5	C	-	m sd %ile n	3.49 1.45 5.38 42	0.49 0.5 1 43	83.82 .9 72.28 43
PERRY R	B5009 BR GOBOWEN TO B5069 BR. GOBOWEN SJ301 342 to SJ305 342 0.5 Km at GOBOWEN SJ305 342 30000380	D	D		RE2	S	C	m sd %ile n	3.12 3.45 6.56 41	0.2 0.27 0.45 43	96.59 5.23 89.89 42
PERRY R	B5069 BR GOBOWEN TO CONF. COMMON BK SJ3052 3418 to SJ3375 3081 5.5 Km at HALSTON HALL SJ336 320 29998810	O	B		RE2	C	C	m sd %ile n	1.79 1.01 3.07 41	0.12 0.14 0.25 43	93.01 5.78 88.51 43
PERRY R	CONF. COMMON BK TO CONF.TETCHILL BK SJ3375 3081 to SJ3802 2955 5 Km at PERRY FM, PERRY BR SJ347 303 29996560	B	B	b	RE2	C	C	m sd %ile n	1.69 0.64 2.53 41	0.1 0.08 0.2 43	93.08 4.98 86.7 43
PERRY R	CONF.TETCHILL BK TO MINOR RD BR WYKEY SJ3802 2955 to SJ3962 2442 5.5 Km at WYKEY SJ396 245 29994140	C	B		RE2	C	C	m sd %ile n	1.56 0.69 2.45 41	0.17 0.16 0.34 43	91.19 6.48 82.88 42
PERRY R	MINOR RD BR WYKEY TO CONF. WAR BK SJ3962 2442 to SJ4275 1935 9.5 Km at PLATT BRIDGE SJ403 223 29993380	C	B up		RE2	C	C	m sd %ile n	1.62 0.8 2.65 41	0.14 0.16 0.29 43	91.5 5.95 83.87 43
PERRY R	CONF. WAR BK TO CONF. R. SEVERN SJ427 194 to SJ440 166 4.5 Km at MYTTON SJ439 170 29991100	B	B		RE2	C	S	m sd %ile n	2.02 1.24 3.56 54	0.09 0.11 0.2 55	96.3 8.84 84.98 55

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TETCHILL BK	THE MERE OUTFALL TO CONF. NEWNWES BK SJ3970 3413 to SJ393 333 2 Km at DS WHARF MEAD. STW SJ396 341 30219660	E	D		RE5	C		m sd %ile n	3.65 2.29 6.46 42	0.5 0.51 1.03 43	76.09 10.72 62.36 43
TETCHILL BK	CONF. NEWNWES BK TO TETCHILL SJ3869 3364 to SJ3942 3262 1.5 Km at TETCHILL SJ394 327 30219380	E	C up		RE4	C		m sd %ile n	2.69 1.44 4.52 41	0.32 0.35 0.67 43	89.63 7.88 79.53 43
TETCHILL BK	TETCHILL TO CONF. R PERRY SJ394 326 to SJ380 295 4 Km at HORDLEY SJ383 306 30219160	O	C		RE3	C		m sd %ile n	2.37 1.52 4.23 41	0.3 0.26 0.58 43	84.62 8.93 73.17 43
NEWNES BK	LOOP FM ELLESMERE TO CONF. TETCHILL BK SJ388 347 to SJ393 333 2 Km at ELLESMERE A495 BR SJ390 342 30234380	E	E		RE4	S		m sd %ile n	5.09 6.22 11.45 42	1.38 1.64 2.96 43	82.06 10.38 68.76 43
COMMON BK	ROUNDS WOOD DRENEWYDD TO R PERRY SJ315 300 to SJ337 307 2.4 Km at A5 BR BABBINSWOOD SJ330 307 30305180	E	D		RE4	C		m sd %ile n	3.87 3.19 7.51 41	0.69 2.34 1.51 43	87.69 9.62 75.36 41
WEIR BK	FTBR AT WEIR BK TO CONFL. R. SEVERN SJ3479 2449 to SJ3445 1687 9.2 Km at PONTHEN SJ341 173 30546120	D	C	f	RE2	C		m sd %ile n	1.45 0.6 2.24 42	0.11 0.1 0.22 42	85.56 12.79 69.17 42
VYRNWY A	LAKE VYRNWY DAM SPILL TO CONF. COWNWY SJ0190 1925 to SJ0210 1709 4.5 Km at BELOW DAM SJ021 190 30663970	A	A	b	RE1	S	S	m sd %ile n	1.04 0.51 1.7 50	0.02 0.02 0.04 51	97.2 3.27 93.01 67
VYRNWY A	CONF. COWNWY TO CONF. BANWY SJ0210 1709 to SJ1430 1140 18.9 Km at DOLANOG-MILL BDG SJ0678 1286 30661480	O	B	b	RE1	M	S	m sd %ile n	1.58 0.91 2.72 41	0.03 0.02 0.05 41	100.2 3.21 96.13 42
VYRNWY A	CONF. BANWY TO CONF. TANAT SJ1430 1140 to SJ2433 2065 20.3 Km at FOOTBRIDGE GODDR SJ2026 1785 30655950	O	B	b	RE1	C	S	m sd %ile n	1.63 0.44 2.2 40	0.04 0.04 0.09 40	93.83 15.63 73.8 40
VYRNWY A	CONF. TANAT TO CONF. R.SEVERN SJ2433 2065 to SJ3281 1586 21.9 Km at NEW BR LLANYMYNEC SJ255 196 30654180	B	A	b	RE1	C	S	m sd %ile n	1.55 0.64 2.38 41	0.04 0.03 0.08 42	97.8 3.22 93.67 45
SARNWEN BK	SOURCE TO CONF. AFON VYRNWY SJ2645 1808 to SJ3114 1771 5.5 Km at OPP. HENDRE FM SJ291 182 30674430	O	C	d	RE2	M		m sd %ile n	1.53 0.67 2.39 37	0.31 0.44 0.69 39	81.61 9.5 69.44 39
MORDA R	TYN-Y-COED BR TO NWW WTW DISCHARGE SJ2559 2824 to SJ2928 2814 4 Km at MORDA SJ288 281 30697020	C	B	c	RE1	M	S	m sd %ile n	1.72 0.84 2.79 39	0.04 0.04 0.08 40	98.25 3.62 93.6 40
MORDA R	NWW WTW O/F TO OSWESTRY MILE OAK STW SJ2928 2814 to SJ3022 2712 1.5 Km at A483T BR OSWESTRY SJ299 275 30696755	O	B	d	RE1	S	S	m sd %ile n	1.85 0.86 2.96 47	0.05 0.05 0.1 48	98.9 3.05 94.99 48
MORDA R	OSWESTRY MILE OAK WRW TO NEWBRIDGE SJ3022 2712 to SJ3042 2542 1.6 Km at DS OSWESTRY WRW SJ304 266 30696580	E	C	e	RE2	S	S	m sd %ile n	2.69 3.07 5.71 47	0.24 0.22 0.49 48	97.67 3.54 92.63 49
MORDA R	NEWBRIDGE TO CONF. OSWESTRY BK SJ3042 2542 to SJ3159 2381 2.9 Km at MAESBURY FORD SJ304 248 30696500	D	B	c	RE2	C	S	m sd %ile n	2.08 1.33 3.71 39	0.12 0.12 0.24 40	97.02 4.77 90.91 40
MORDA R	CONF. OSWESTRY BK TO CONF. AFON VYRNWY SJ3159 2381 to SJ2904 2005 6.1 Km at MINOR RD BR LLWYNTI SJ2933 2056 30702200	B	B	b	RE2	C	S	m sd %ile n	2.04 0.67 2.92 28	0.11 0.13 0.23 29	97.23 4.46 91.51 29
TANAT A	CONF. AFON ERITH TO CONF. IWRCH SJ0555 2599 to SJ1458 2438 11.1 Km at PEDAIR FFORDD SJ116 245 30885720	A	A	c	RE1	C	S	m sd %ile n	1.46 0.65 2.3 39	0.02 0.01 0.04 39	97.34 3.55 92.8 39
TANAT A	CONF. IWRCH TO CONF.AFON VYRNWY SJ1458 2438 to SJ2433 2065 16.3 Km at LLANYBLODWEL SJ242 229 30882220	B	A	a	RE1	C	S	m sd %ile n	1.54 0.51 2.21 39	0.03 0.04 0.07 39	97.64 3.92 92.62 39

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
CYNLLAITH A	PEN-Y-GWELLY RES TO CONF. TANAT SJ2230 3212 to SJ2180 2352 12 Km at FOOTBRIDGE SYCHAR SJ2049 2513 30945340	O	B	c	RE1	S	-	m sd %ile n	2.11 1.22 3.64 27	0.06 0.05 0.11 27	95.66 4.31 90.13 27
IWRCH A	PONT MAEN GWYNEDD TO CONF. TANAT SJ1264 2981 to SJ1456 2437 7 Km at PONT PISLE SJ1411 2564 31182090	A	A		RE1	C	-	m sd %ile n	1.68 0.52 2.36 27	0.04 0.04 0.07 27	98.16 3.03 94.27 27
RHAEADR A	PISTYLL RHAEADR TO CONF. AFON TANAT SJ0720 2950 to SJ1302 2471 8 Km at B4396 BR LLANRHAIAD SJ132 249 31232040	A	B	a	RE1	C	-	m sd %ile n	1.42 0.48 2.05 39	0.02 0.03 0.05 39	96.75 14.79 77.8 39
CAIN A	RD BR LLANFYLLIN TO LLANFYLLIN STW SJ1433 1962 to SJ1532 1881 1.2 Km at MINOR RD BR HAFO D SJ1494 1910 31468320	O	A	e	RE1	C	S	m sd %ile n	1.6 0.55 2.32 41	0.04 0.04 0.09 41	97.68 3.83 92.98 41
CAIN A	LLANFYLLIN STW TO GREEN HALL SJ1532 1881 to SJ1649 1889 1.4 Km at GREEN HALL SJ1649 1889 31468030	O	A	c	RE1	M	S	m sd %ile n	1.79 0.53 2.49 41	0.05 0.05 0.1 41	97.69 4.17 92.34 41
CAIN A	GREEN HALL TO CONF BROGAN SJ1649 1889 to SJ2046 2066 4.4 Km at LLANFECHAIN SJ187 205 31467390	O	A	b	RE1	C	S	m sd %ile n	1.68 0.46 2.29 41	0.05 0.05 0.11 41	96.31 4 91.18 42
CAIN A	CONF. BROGAN TO CONF AFON VYRNWY SJ2046 2066 to SJ2275 203 4 Km at A495 BR PONT Y PENT SJ217 199 31466180	A	A	c	RE1	C	S	m sd %ile n	1.71 0.55 2.43 41	0.05 0.03 0.09 41	96.47 4.55 90.63 42
BANWY A	NANT. YSGUTHAN CONF TO CONF. A. EINION SH9533 1269 to SJ0840 0797 17 Km at LLANERFYL SJ0316 0975 31798790	O	A		RE1	C	S	m sd %ile n	1.51 0.53 2.21 37	0.02 0.02 0.04 38	98.8 3.35 94.5 41
BANWY A	CONF. A EINION TO CONF. A VYRNWY SJ0840 0797 to SJ1433 1142 12.5 Km at NEW BRIDGE SJ143 113 31795020	A	B	c	RE1	M	S	m sd %ile n	1.84 0.65 2.69 37	0.03 0.04 0.07 38	98.8 3.52 94.29 38
GAM A	CWM DERWEN FORD TO CONF. AFON BANWY SH9580 0523 to SJ0171 1036 9 Km at PONT RHYD-YR-EFAIL SJ011 097 32069140	B	B		RE1	S	S	m sd %ile n	1.83 1.62 3.63 37	0.04 0.1 0.08 38	99.55 2.51 96.33 39
TWRCH A	NANT- YR-HELYG BR TO CONF AFON VYRNWY SH9552 1640 to SH9908 1103 7.5 Km at PONT TWRCH SH990 115 32190060	A	A		RE1	M	S	m sd %ile n	1.36 0.6 2.14 37	0.02 0.02 0.04 37	98.96 3.59 94.36 39
COWNWY A	BRYN COWNWY TO CONF. AFON VYRNWY SJ0097 1784 to SJ0210 1709 1.5 Km at DDOL COWNWY SJ014 174 32515220	A	A	b	RE1	C	-	m sd %ile n	1.08 0.49 1.71 41	0.04 0.04 0.08 41	95.27 5.32 88.46 41
GUILSFIELD BK (NEW CUT)	GUILSFIELD MILL FORD TO R. SEVERN SJ217 117 to SJ253 136 9.8 Km at WERN BRIDGE SJ253 137 32809020	O	A	b	RE2	C	S	m sd %ile n	1.71 0.57 2.45 39	0.09 0.08 0.17 40	90.41 5.99 82.74 40
CAMLAD R	CAEBITRA BK TO WHITTERAGE BR CHIRBURY SO2701 9401 to SO271 983 6.2 Km at CHIRBURY SO271 983 33232850	B	B		RE1	S	S	m sd %ile n	1.89 0.93 3.08 36	0.06 0.08 0.12 36	96.91 3.72 92.15 35
CAMLAD R	WHITTERAGE BR CHIRBURY TO R.SEVERN SO271 983 to SJ208 006 17 Km at GAER BRIDGE SO214 999 33231280	B	B		RE1	S	S	m sd %ile n	1.88 0.95 3.09 44	0.09 0.08 0.17 44	94.46 3.67 89.76 43
CAEBRITA BK	OLD HALL TO CAMLAD SO2031 9040 to SO2702 9401 10 Km at BROMPTON BRIDGE SO2509 9308 33422430	O	B		RE2	C	-	m sd %ile n	1.67 1.14 3.04 42	0.08 0.12 0.17 43	92.21 5.17 85.58 42
RHIW A	SOUTH: NANT-Y-LLYN TO CONF NORTH ARM SJ0277 0079 to SJ090 016 7.4 Km at MANAFON SJ114 024 33670440	O	A		RE1	C	S	m sd %ile n	1.59 0.48 2.22 42	0.02 0.02 0.05 42	98.23 3.02 94.36 42
RHIW A	NORTH. LLETTY-GWILYM TO BERRIEW STW SJ0505 0337 to SJ1895 0057 20 Km at MANAFON SJ114 024 33670440	O	A		RE1	C	S	m sd %ile n	1.59 0.48 2.22 42	0.02 0.02 0.05 42	98.23 3.02 94.36 42

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
RHIW A	BERRIEW STW TO CONF. R.SEVERN SJ1895 0057 to SJ200 002 1 Km at REFAIL RHIW BRIDGE SJ193 004 33668160	A	B	b	RE1	M	S	m sd %ile n	1.81 0.68 2.7 43	0.03 0.02 0.05 43	98.67 3.38 94.35 43
THE MULE	A489 GILFACH BR KERRY TO R.SEVERN SO1410 8997 to SO159 947 11 Km at GLAN MULE SO162 904 34180020	A	B		RE1	M	-	m sd %ile n	1.54 1.9 3.33 43	0.03 0.03 0.06 43	96.3 4.06 91.09 42
BECHAN BK	GWGIA POOL OUTLET TO CONF. R SEVERN SO0554 9800 to SO144 934 10.5 Km at ABERBECHAN SO14249351 34371050	B	B		RE2	C	S	m sd %ile n	2.11 1.06 3.47 41	0.05 0.04 0.09 41	96.73 4.02 91.58 41
CARNO A	AFON CLEOAN CONF. TO CONF. R. SEVERN SN9598 9732 to SO027 916 10 Km at PONT DOLGOCH SO009 938 34941320	B	C	B	RE1	S	S	m sd %ile n	2.15 2.02 4.34 39	0.02 0.02 0.05 38	97.91 3.73 93.13 39
CERIST A	VAN TO CONF TRANNON SN9507 8739 to SO0121 9098 7.5 Km at MINOR RD BRIDGE SN992 903 35287020	A	B	O	RE3	C	-	m sd %ile n	1.49 0.83 2.54 39	0.05 0.04 0.1 39	95.32 5.29 88.54 39
CERIST A	CONF. TRANNON TO CONF. R SEVERN SO0121 9098 to SO0251 9150 1.5 Km at ROAD BRIDGE US CAR SO0149 9086 35286150	A	B	C	RE1	S	-	m sd %ile n	1.52 0.89 2.63 28	0.05 0.04 0.09 28	95.44 6.94 86.55 28
TRANNON A	LLAWRYGLEN FORD TO CONF. AFON CERIST SN9328 9110 to SO012 909 8.5 Km at TREFEGLWYS SN968 903 35303700	A	B	B	RE1	S	-	m sd %ile n	1.62 1.53 3.27 38	0.03 0.02 0.05 38	97.6 3.75 92.79 38
CLYWEDOG A	LAKE CLYWEDOG DAM SPILLWAY TO R. SEVERN SN9120 8700 to SN9541 8477 5.3 Km at NEW GAUGING WEIR SN913 868 35768340	A	A	B	RE1	C	-	m sd %ile n	1.21 0.63 2.02 41	0.02 0.01 0.04 41	99.48 2.82 95.86 77
DULAS A	TYLWCH TO CONF. R.SEVERN SN9700 8019 to SN9464 8364 5 Km at PENTRE DULAS BDG SN951 825 36097760	O	A	B	RE1	C	S	m sd %ile n	1.6 0.61 2.4 39	0.02 0.02 0.04 41	99.2 3.36 94.89 43
BROCHAN A	GLYN BROCHAN TO AFON DULAS SN9297 8291 to SN9474 8377 2.3 Km at FOOTBRIDGE SN9440 8356 36108040	O	A	B	RE2	C	-	m sd %ile n	1.62 0.68 2.5 38	0.03 0.03 0.07 40	98.18 3.61 93.55 40
GLOUCESTER/ SHARPNESS	RIVER FROME TO SHARPNESS DOCKS SO7560 0935 to SO674 030 12.5 Km at PURTON SO693 044 00020100	D	C		RE2	S	C	m sd %ile n	1.88 1.13 3.28 55	0.22 0.17 0.41 55	89.5 19.52 64.48 56
GLOUCESTER/ SHARPNESS	GLOUCESTER LOCK TO CONF. DANIELS BK SO826 185 to SO814 155 3 Km at LLANTHONY BR SO826 181 00020730	B	B		RE2	C	C	m sd %ile n	2.11 0.96 3.35 36	0.21 0.14 0.38 36	92 16.5 70.65 34
GLOUCESTER/ SHARPNESS	CONF. DANIELS BK TO CONF. RIVER FROME SO814 155 to SO756 094 12.5 Km at PARKEND SO777 106 00020350	C	C		RE2	M	C	m sd %ile n	1.5 0.66 2.36 35	0.17 0.12 0.31 35	85.97 14.19 67.79 34
FOSS DYKE	RIVER TILL TO RIVER TRENT SK917 748 to SK834 781 9.6 Km at TORKSEY LOCK SK837 781 40745780	D	D	f	RE4	C	-	m sd %ile n	3.66 3.14 7.19 32	0.1 0.12 0.21 32	110.6 24.63 79.03 32
STAINFORTH AND KEADBY	RIVER DON NAVIGATION TO THORNE LOCK SE613 108 to SE682 132 7.2 Km at THORNE SE681 132 79371080	E	B up	f	RE4	C	-	m sd %ile n	2.14 0.94 3.36 37	0.21 0.31 0.47 37	89.81 15.03 70.55 37
STAINFORTH AND KEADBY	THORNE LOCK TO RIVER TRENT SE682 132 to SE835 114 17.1 Km at KEADBY SE825 115 79369550	C	C	c	RE3	C	-	m sd %ile n	2.73 1.39 4.5 37	0.06 0.06 0.12 37	93.49 25.84 60.38 37
CHESTERFIELD CANAL	CONF. BROADBRIDGE DYKE TO PUDDING DYKE SK506 824 to SK528 814 2.3 Km at PUDDING DYKE BR SK528 814 79397800	O	E	c	RE4	S	-	m sd %ile n	2.58 2.2 5.07 34	0.21 0.22 0.43 34	67.95 21.74 40.08 37
CHESTERFIELD CANAL	PUDDING DYKE TO TURNER WOOD SK528 814 to SK543 813 1.6 Km at FB TURNER WOOD SK543 813 79397600	O	B		RE3	C	-	m sd %ile n	2.08 0.93 3.28 33	0.14 0.15 0.29 33	105.8 23.6 75.51 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
CHESTERFIELD CANAL	TURNER WOOD TO B6045 RD BR BRACEBRIDGE SK543 813 to SK595 791 6 Km at WORKSOP SK595 791 79396380	B	B	c	RE3	C	C	m sd %ile n	1.96 1.13 3.37 35	0.1 0.12 0.21 35	101.2 17.03 79.41 34
CHESTERFIELD CANAL	B6045 BRACEBRIDGE TO CLARBOROUGH SK595 791 to SK726 838 17.5 Km at RETFORD SK721 820 79394580	B	C	b	RE3	M	C	m sd %ile n	2.94 2.07 5.43 35	0.06 0.07 0.14 35	94.63 18.1 71.44 35
CHESTERFIELD CANAL	MINOR RD BR CLARBOROUGH TO RIVER TRENT SK726 838 to SK785 945 11.3 Km at WALKERINGHAM SK794 929 79392580	C	E	b	RE3	M	C	m sd %ile n	3.83 4.16 8.04 33	0.12 0.11 0.25 34	96.44 30.24 57.69 34
GRANTHAM CANAL	BRIDGE AT WOOLSTHORPE TO HICKLING SK843 351 to SK691 295 23.6 Km at WOOLSTHORPE SK8420 3510 79486300	D	C		RE2	M	-	m sd %ile n	2.61 1.46 4.44 29	0.04 0.05 0.08 31	105.5 18.36 81.96 31
GRANTHAM CANAL	HICKLING MINOR RD BR TO RIVER TRENT SK691 295 to SK584 386 19.9 Km at TOLLERTON BR SK609 369 79483550	C	B		RE2	C	-	m sd %ile n	2.47 0.75 3.46 32	0.09 0.1 0.19 32	107.3 24.57 75.82 32
BEESTON/ NOTTINGHAM CANAL	TRENT AT BEESTON LOCK TO BEESTON STW SK535 353 to SK548 365 1.8 Km at MEADOW ROAD JUNCT SK5415 3560 79508790	C	B		RE4	C	-	m sd %ile n	2.47 0.8 3.52 18	0.25 0.23 0.5 18	91.81 8.37 81.09 16
BEESTON/ NOTTINGHAM CANAL	BEESTON STW TO A52 RD BRIDGE DUNKIRK SK548 365 to SK553 383 2 Km at LENTON SK553 380 79508450	E	C up		RE4	C	-	m sd %ile n	3.02 0.99 4.32 35	0.37 0.4 0.77 35	88 11.04 73.85 34
BEESTON/ NOTTINGHAM CANAL	A52 DUNKIRK TO CONF. TRENT AT NOTTINGHAM SK553 383 to SK581 384 4.2 Km at NOTTINGHAM SK582 385 79507020	D	C up		RE4	C	-	m sd %ile n	2.9 1.09 4.32 35	0.33 0.36 0.69 35	88.76 11.81 73.62 34
GRAND UNION CANAL	CONF. R. SOAR ZOUCH TO R. SOAR SK501 234 to SK509 234 0.8 Km at ZOUCH SK502 232 46250980	D	C up		RE3	C	-	m sd %ile n	2.42 0.94 3.64 36	0.31 0.35 0.65 36	93.53 7.47 83.95 36
GRAND UNION CANAL	BISHOPS MEADOW TO PILLINGS LOCK SK523 218 to SK565 181 6.6 Km at LOUGHBOROUGH SK528 210 79550180	O	C		RE4	C	-	m sd %ile n	2.81 1.69 4.91 32	0.18 0.14 0.34 33	88.24 9.79 75.7 33
GRAND UNION CANAL	R. WREAKE TO SOAR THURMASTON NORTH SK609 121 to SK609 098 2.3 Km at BIRSTALL SK590 074 46260200	C	B	c	RE3	C	C	m sd %ile n	2.36 0.9 3.53 33	0.2 0.23 0.43 33	89.26 11.23 74.88 34
GRAND UNION CANAL	FB AT BELGRAVE TO HITCHCOCK'S WEIR SK593 068 to SK579 051 2.1 Km at SWANS NEST BRIDGE SK590 066 46260620	E	D		RE4	C	-	m sd %ile n	3.29 1.98 5.75 36	0.29 0.26 0.59 36	74.74 15.98 54.26 39
GRAND UNION CANAL	HITCHCOCK'S WEIR TO UPPERTON RD BR SK579 051 to SK582 034 2.6 Km at MILL LANE LEICESTER SK5821 0386 46262840	O	B		RE4	C	-	m sd %ile n	2.5 0.68 3.4 27	0.22 0.23 0.46 27	87.93 6.88 79.1 27
GRAND UNION CANAL	KINGS LOCK TO WISTOW HALL FLECKNEY SK568 009 to SP649 961 13.6 Km at GLEN PARVA SP568 987 79551980	O	C		RE2	M	C	m sd %ile n	2.27 1.7 4.27 33	0.05 0.03 0.09 33	88.76 13.86 70.99 33
GRAND UNION CANAL	NORTH KILWORTH TO CRICK SP627 826 to SP596 725 17.7 Km at SOUTH KILWORTH SP617 807 79554020	C	B		RE2	C	C	m sd %ile n	2.52 1.01 3.83 33	0.03 0.02 0.06 33	91.08 11.86 75.88 25
GRAND UNION CANAL	WELTON TO JN. OXFORD CANAL AT BRAUNSTON SP557 654 to SP532 660 2.5 Km at BRAUNSTON SP540 659 79554980	D	C		RE2	M	-	m sd %ile n	2.82 1.32 4.52 33	0.06 0.05 0.11 34	90.73 20.6 64.34 26
GRAND UNION CANAL	BRAUNSTON TO STRATFORD CANAL KINGSWOOD SP532 660 to SP188 707 40 Km at EMSCOTE RD WARWIC SP297 655 79558180	D	E		RE2	S	C	m sd %ile n	4.38 3.26 8.22 36	0.07 0.05 0.13 36	109.0 36.13 62.74 28
GRAND UNION CANAL	KINGSWOOD TO KNOWLE BOTTOM LOCK SP188 707 to SP190 761 5.5 Km at LAPWORTH SP194 723 79560580	O	E		RE4	S	C	m sd %ile n	6.4 4.18 11.5 34	0.13 0.15 0.28 34	113.1 46.91 52.94 33

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RQO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
GRAND UNION CANAL	KNOWLE TO CAMP HILL BOTTOM LANE SP190 761 to SP089 855 15 5 Km at CATHERINE-DE-BARNE SP180 803 79561380	D	F		RE4	S	C	m sd %ile n	4.82 3.39 8 89 29	0.34 0 4 0 72 29	70 85 44 23 14 21 29
GRAND UNION CANAL	CAMP HILL TO B'HAM & FAZELEY CANAL SP089 855 to SP097 900 4 8 Km at NECHELLS SP095 877 79564780	E	E		RE4	M	-	m sd %ile n	5 52 3 29 9 61 29	0 21 0 4 0 47 29	120 9 26 47 86.95 29
OXFORD CANAL	A423 FENNY COMPTON TO MARSTON DOLES SP432 532 to SP465 583 10 3 Km at FENNY COMPTON SP432 533 79607180	B	C		RE2	M	C	m sd %ile n	2 64 1.37 4 38 34	0 04 0.03 0 08 34	91 81 10 8 77 96 26
OXFORD CANAL	MARSTON DOLES TO GUC AT NAPTON SP465 583 to SP468 624 6 Km at NAPTON FIELDS, LN BR SP453 614 79608180	B	B		RE2	C	C	m sd %ile n	2 16 0 91 3 36 34	0 04 0 03 0 07 34	89 27 8 85 77 93 26
OXFORD CANAL	JN GUC AT BRAUNSTON TO WHARF BRIDGE SP532 660 to SP546 734 8 Km at WILLOUGHBY SP523 681 79609620	B	B		RE2	C	C	m sd %ile n	1 7 0 75 2 68 34	0 04 0 03 0 07 34	86 15 10 96 72 11 26
OXFORD CANAL	WHARF BRIDGE TO TUCKEY'S BR CATHIRON SP546 734 to SP472 783 9 5 Km at HILLMORTON SP542 740 79610180	B	B		RE2	C	C	m sd %ile n	1 56 0 78 2 56 34	0 04 0 05 0 09 34	85 19 10 13 72 2 26
OXFORD CANAL	TUCKEY'S BR CATHIRON TO HAWKESBURY SP472 783 to SP361 845 15 2 Km at ALDERMANS GREEN SP363 839 79613180	B	C		RE2	M	C	m sd %ile n	2.57 1 46 4 43 36	0 21 0 46 0 47 36	89.61 21.19 62 45 28
COVENTRY CANAL	DRAPERS FIELDS BR TO FOLESHILL RD BR SP332 795 to SP338 806 1.5 Km at FOLESHILL RD BR SP338 806 79846170	B	E down		RE4	M	-	m sd %ile n	4.81 4 03 9 38 33	0.12 0.2 0.27 33	93 24 21.23 66 03 25
COVENTRY CANAL	FOLESHILL RD BR TO OLD CHURCH RD BR SP338 806 to SP348 821 3.8 Km at OLD CHURCH RD BR SP348 821 79845390	E	C up		RE4	C	-	m sd %ile n	2.91 1 49 4.81 36	0.04 0 06 0 09 36	96 86 18 41 73 27 28
COVENTRY CANAL	OLD CHURCH RD BR TO HAWKESBURY SP348 821 to SP361 845 3 Km at FOXFORD SP351 839 79844380	B	C		RE4	C	-	m sd %ile n	2.1 0 87 3.23 33	0 05 0 04 0.1 33	87.12 13.63 69 65 25
COVENTRY CANAL	OXFORD CANAL HAWKESBURY TO ASHBY CANAL SP3610 8450 to SP3680 8810 4 5 Km at BEDWORTH SP372 858 79847180	D	D		RE4	C	-	m sd %ile n	2.84 2 01 5 24 34	0 09 0 09 0.19 34	93 34 30.7 54 29
COVENTRY CANAL	ASHBY CANAL TO BARPOOL BK SP3680 8810 to SP3480 9225 5 Km at JUDKINS QUARRY SP353 925 79848780	D	E		RE4	M	-	m sd %ile n	3 07 1.84 5 35 33	0.19 0 29 0 42 33	85 97 30 93 46 34 33
COVENTRY CANAL	BARPOOL BK TO ATHERSTONE TOP LOCK SP3480 9225 to SP3050 9750 8 Km at TILCON QUARRY BR SP315 965 79849820	D	D		RE4	C	-	m sd %ile n	2.94 2.95 6 05 33	0 08 0.25 0 19 33	94 27 24.21 63 24 33
COVENTRY CANAL	ATHERSTONE TO B'HAM & FAZELEY CANAL SP3050 9750 to SK2030 0200 15.7 Km at POLESWORTH SK261 021 79851780	D	C		RE4	C	C	m sd %ile n	2.88 1.77 5.07 34	0.07 0 08 0.15 34	94 38 23 81 63 87 34
COVENTRY CANAL	B'HAM & FAZELEY TO TRENT & MERSEY CANAL SK2030 0200 to SK1410 1405 17 Km at FRADLEY AIRFIELD SK146 137 79855380	D	D		RE4	C	-	m sd %ile n	4.04 2.48 7.11 29	0 03 0 03 0 06 29	91.96 20.14 66 15 28
ASHBY CANAL	COVENTRY CANAL TO SUTTON CHENEY WHARF SP3680 8810 to SP4115 9940 17 Km at BURTON HASTINGS SP402 892 79897180	Q	D		RE2	S	C	m sd %ile n	2.98 2.31 5.68 26	0 08 0.12 0.17 26	96.23 31.7 55.6 26
ASHBY CANAL	SUTTON CHENEY WHARF TO END AT SNARESTONE SP4115 9940 to SK3460 0995 17.2 Km at MARKET BOSWORTH SK392 032 79899580	D	D		RE2	S	C	m sd %ile n	3.93 1.72 6 15 34	0 05 0 09 0 12 34	90.26 28.11 54 24 34
BIRMINGHAM & FAZELEYCANAL	FAZELEY TO MINWORTH BOTTOM LOCK SK204 020 to SP152 923 12 Km at FAZELEY SK203 019 80226020	D	D		RE3	S	C	m sd %ile n	4 45 2.73 7.82 19	0 05 0 05 0 1 19	92 89 13 51 75.58 19

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
BIRMINGHAM & FAZELEYCANAL	MINWORTH BOTTOM LOCK TO SALFORD JUNCTION SP152 923 to SP096 901 7 Km at MINWORTH LOCK SP152 923 80227300	E	D		RE4	C	-	m sd %ile n	4.91 2.25 7.81 32	0.06 0.08 0.13 31	112.2 28.37 75.84 30
BIRMINGHAM & FAZELEYCANAL	SALFORD JUNCTION TO FARMERS BR SP096 901 to SP059 868 5.2 Km at SALFORD BR SP097 901 80228970	E	D		RE5	C	-	m sd %ile n	4.25 2.17 7.02 32	0.2 0.33 0.44 31	103.3 23.65 73.03 32
STRATFORD UPON AVON CANAL	WORCESTER & B'HAM CANAL TO ILSHAW HEATH SP053 794 to SP133 740 12.6 Km at STIRCHLEY SP059 796 80339180	E	E		RE4	M	-	m sd %ile n	3.86 1.97 6.37 29	0.16 0.18 0.34 29	90.29 31.46 49.97 28
STRATFORD UPON AVON CANAL	RD BR ILSHAW HEATH TO ROAD BR LAPWORTH SP133 740 to SP166 716 5.2 Km at HOCKLEY HEATH SP152 725 80337580	Q	E		RE2	S	-	m sd %ile n	5.14 2.87 8.75 29	0.18 0.39 0.4 29	87.19 33.42 44.35 27
STRATFORD UPON AVON CANAL	ROAD BR LAPWORTH TO CONF RIVER AVON SP166 716 to SP204 548 22 Km at BIRMINGHAM RD, STRA SP199 555 80335380	O	E		RE2	S	C	m sd %ile n	4.64 3.02 8.33 36	0.08 0.06 0.15 36	90.79 19.3 66.05 28
TAME VALLEY CANAL	JN WALSALL CANAL TO RUSHALL CANAL SO977 935 to SP030 947 5.2 Km at HOLLOWAY BANK SO990 939 80446400	E	E		RE2	S	-	m sd %ile n	6.82 3.79 11.58 35	0.63 1.76 1.88 35	100.7 43.9 44.43 39
TAME VALLEY CANAL	RUSHALL CANAL TO TAME VALLEY CANAL SP030 947 to SP060 927 4 Km at NEWTON RD SP036 940 80445400	D	E		RE2	S	-	m sd %ile n	5.49 3.19 9.47 46	0.13 0.18 0.3 51	105.4 26.59 71.36 46
TAME VALLEY CANAL	TAME VALLEY CANAL TO SALFORD JN SP060 927 to SP096 901 5.2 Km at SALFORD BR SP096 901 80444180	E	D		RE2	S	-	m sd %ile n	3.75 2.33 6.62 33	0.47 1.04 1.07 35	96.45 20.72 69.9 31
DAW END BRANCH	WYRLEY & ESSINGTON CANAL TO LONGWOOD BR SK032 052 to SP040 992 8.1 Km at CLAYHANGER BR SK047 047 80488100	D	D		RE2	S	-	m sd %ile n	3.03 3.86 6.59 28	0.05 0.07 0.11 28	98.82 16.91 77.15 27
RUSHALL CANAL	JN. TAME VALLEY CANAL TO LONGWOOD BR SP030 947 to SP040 992 4.5 Km at ALDRIDGE RD ALDRID SP040 993 80467980	E	E		RE2	S	C	m sd %ile n	4.31 4.2 8.79 28	0.14 0.15 0.3 28	90.89 24.29 59.76 27
WYRLEY & ESSINGTON CANAL	HORSLEY FIELDS TO WALSALL CANAL SO924 986 to SK002 001 12.3 Km at WILLENHALL LANE SJ986 013 60534700	O	E		RE4	M	C	m sd %ile n	3.21 3.06 6.52 26	0.09 0.08 0.17 26	80.04 25.82 46.95 26
WYRLEY & ESSINGTON CANAL	WALSALL CANAL TO JN. ANGLESEY BRANCH SK002 001 to SK057 060 12.8 Km at SLACKEY LN, GOSCOT SK016 020 80533580	E	D		RE2	S	C	m sd %ile n	2.22 1.26 3.8 28	0.04 0.03 0.08 28	85.56 23.06 56 27
CANNOCK EXTENSION	NORTON GREEN TO WYRLEY & ESS. CANAL SK020 072 to SK019 044 2.3 Km at WYRLEY GROVE BRID SK0198 0542 80557270	O	D		RE2	S	-	m sd %ile n	3.55 2.59 6.63 34	0.09 0.11 0.19 34	78.22 15.06 58.91 37
ANGLESEY BRANCH (WYR&ESS)	CHASEWATER TO WYRLEY & ESSINGTON CANAL SK041 073 to SK057 060 2.5 Km at BR ENT. WATLING ST. SK046 071 80511400	O	C		RE2	M	-	m sd %ile n	2.5 2.59 5.19 32	0.03 0.03 0.06 32	98.23 19.09 73.76 31
WALSALL CANAL	WYRLEY AND ESS'N CANAL TO ANSON BRANCH SK002 001 to SO986 977 4 Km at WALSALL POWER STAT SO985 977 80620180	E	D		RE4	C	-	m sd %ile n	3.01 2.47 5.84 34	0.08 0.08 0.17 34	79.06 17.26 56.94 34
WALSALL CANAL	JN. ANSON BRANCH TO BULL LANE MOXLEY SO986 977 to SO969 955 4.3 Km at BULL LANE MOXLEY SO969 955 80622700	E	E		RE4	S	-	m sd %ile n	5.78 3.33 9.95 34	0.19 0.33 0.44 34	99.77 27.74 64.22 34
WALSALL CANAL	BULL LANE MOXLEY TO TAME VALLEY CANAL SO969 955 to SO977 935 2.2 Km at MOORS MILL LANE SO977 932 80624420	F	E up		RE4	S	-	m sd %ile n	7.61 3.58 12.22 40	0.55 0.61 1.16 40	108.6 47.43 47.8 41
WALSALL CANAL	TAME VALLEY TO B'HAM LEVEL PUDDING LN SO977 935 to SO989 906 3.3 Km at RYDERS GREEN ROAD SO983 917 80941900	F	F		RE4	S	-	m sd %ile n	23.69 17.67 44.53 34	2.37 1 3.67 34	69.03 18.37 45.48 34

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP RQO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
ANSON BRANCH	POUK HILL TO JN WALSALL CANAL	O	F		RE5	M	-	m	8 07	0 08	101 5
	SO986 977 to SO995 995 2.3 Km							sd	9 64	0 18	43 71
	at BENTLEY MILL LANE SO988 983 80667220							%ile	17.32	0 17	45 46
								n	33	33	33
RIDGACRE BRANCH	BLACK LANE TO JN. WALSALL CANAL	O	F		RE4	S	-	m	9.65	0.24	68 47
	SO985 916 to SP000 929 2.3 Km							sd	9 24	0.35	38.34
	at PHOENIX ST W. BROM SO986 917 80962100							%ile	19 6	0 53	19 34
								n	36	36	36
B'HAM & W'TON-B'HAM LVL	WORCESTER BAR TO SMETHWICK JUNCTION	O	D		RE5	C	-	m	5 23	0 68	107 2
	SP0600 8680 to SP029 890 3 9 Km							sd	1 92	1 48	33 85
	at KING EDWARDS ROAD SP060 869 81046100							%ile	7 75	1 53	63 83
								n	34	34	34
B'HAM & W'TON-B HAM LVL	SMETHWICK JUNCTION TO GALTON TUNNEL	O	E		RE5	C	-	m	7 8	0 68	112 6
	SP029 890 to SP016 892 1.1 Km							sd	4 71	1 1	44 5
	at BRASSHOUSE BR.B'HA SP019 889 81051600							%ile	13 64	1 54	55 6
								n	37	42	35
B HAM & W'TON-B HAM LVL	GALTON TUNNEL TO JN WALSALL CANAL	E	E		RE5	C	-	m	7 31	0 86	99 68
	SP016 892 to SO989 907 3 Km							sd	2 79	1 95	33 47
	at BROMFORD LANE SO995 903 81052980							%ile	10 95	1 95	56 79
								n	40	45	41
B'HAM & W'TON-B HAM LVL	WALSALL CANAL TO FACTORY LOCKS TIPTON	D	E		RE5	C	-	m	6 22	0 09	119 6
	SO984 907 to SO951 927 4 Km							sd	4 87	0 09	24 42
	at PARK LANE EAST SO966 919 81054180							%ile	11 89	0 19	88 28
								n	36	36	36
B HAM & W TON	TIPTON TO STAFFS & WORC. CANAL	O	D		RE4	C	-	m	2.94	0 18	89.76
	SO951 927 to SJ903 012 7 Km							sd	2 34	0 2	27.76
	at JAMES MILLS SO927 977 81064420							%ile	5 64	0 39	54 18
								n	34	34	33
ODZELLS ST LOOP BIRM/WOLV	ST. VINCENT ST TO ENERGY CENTRE	E	E		RE4	S	-	m	5.75	0.75	102 5
	SP056 867 to SP059 867 0 5 Km							sd	3 57	1.64	25 95
	at SHEEPCOTE STREET SP058 866 81046402							%ile	10.16	1.71	69.24
								n	34	34	34
ICKNIELD PORT LOOP	ICKNIELD SQUARE TO WIGGIN STREET	O	D		RE4	C	-	m	5 05	0 98	101.3
	SP051 872 to SP048 873 0 4 Km							sd	2 16	2.1	30.59
	at ICKNIELD PORT ROAD SP047 871 81048020							%ile	7 84	2.22	62.06
								n	34	34	33
B'HAM & W'TON-WTON LVL	SMETHWICK JUNCTION TO SUMMIT TUNNEL	F	E		RE5	C	-	m	7.47	2.74	101.6
	SP029 890 to SP012 898 2 Km							sd	4 09	4 87	51.67
	at BRASSHOUSE BR WTO SP019 889 81056380							%ile	12.63	6 21	35.4
								n	29	34	40
B'HAM & W'TON-WTON LVL	SUMMIT TUNNEL TO SEVEN STARS RD OLDBURY	E	E		RE5	C	-	m	4 82	0 64	115 4
	SP012 898 to SO991 891 2.1 Km							sd	3.17	0.97	44 48
	at BRADES RD SO982 900 81059100							%ile	8 69	1.43	58.39
								n	37	43	36
B'HAM & W'TON-WTON LVL	SEVEN STARS RD OLDBURY TO TIPTON	D	D		RE5	C	-	m	3 49	0.24	107 1
	SO991 891 to SO951 927 6 Km							sd	3.09	0 3	36 89
	at BAKER ST TIPTON SO954 917 81059900							%ile	6 93	0 53	59 82
								n	36	36	34
SOHO LOOP BIRM/WOLV	COPE STREET TO CLINTON STREET	O	E		RE4	S	-	m	6 55	0 62	120.7
	SP049 874 to SP040 882 1.9 Km							sd	2.6	1.56	44 62
	at WESTERN RD. BRIDGE SP051 880 81048300							%ile	9 94	1.39	63 5
								n	34	34	34
GOWER BRANCH BIRM/WOLV	BIRMINGHAM LEVEL TO WOLVERHAMPTON LEVEL	E	E		RE5	C	-	m	4.72	0.31	118 6
	SO981 911 to SO978 904 1 Km							sd	3 04	0.69	33 08
	at DUDLEY RD. TIPTON SO978 903 81233900							%ile	8 44	0.71	76 16
								n	34	34	34
TITFORD CANAL	WTON LEVEL TO END AT CAUSEWAY GREEN	O	E		RE4	S	-	m	5.39	1.01	76 86
	SO994 892 to SO985 882 2 8 Km							sd	5 03	0.99	44 34
	at WOLVERHAMPTON RD SO988 878 81297200							%ile	10 86	2.06	20 04
								n	35	40	35
WORCESTER & BIRMINGHAM	WORCESTER BAR TO A38 RD BR	O	D		RE5	C	-	m	4.76	0.19	91.86
	SP060 868 to SP043 828 4 3 Km							sd	2.34	0 28	24 56
	at BATH ROW BR SP061 860 81581180							%ile	7.75	0 43	60 38
								n	29	29	29
WORCESTER & BIRMINGHAM	A38 RD BR TO JN. STRATFORD CANAL	O	E		RE4	M	-	m	4 88	0 18	97.93
	SP043 828 to SP053 794 3 8 Km							sd	3 18	0 3	34 29
	at PERSHORE RD LIFFOR SP054 803 81579180							%ile	8 76	0 42	53 98
								n	28	28	28
WORCESTER & BIRMINGHAM	STRATFORD CANAL TO BROAD GREEN RD	D	D		RE4	C	-	m	3 64	0 06	92.96
	SP053 794 to SO999 700 12.5 Km							sd	1 64	0 08	33 3
	at GRANGE LANE SP019 712 81578980							%ile	5 77	0 13	50 3
								n	32	32	28

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	RDO	COMP RQO	FISH DES	KEY STATS	BDD ATU (mg/l)	NH3 TOT (mg/l)	DD % SAT
WORCESTER & BIRMINGHAM	BROAD GREEN RD TO MINOR RD TIBBERTON SO999 700 to SO907 583 17 Km at TIBBERTON WORCS SO907 583 81572980	E	E	f	RE4	M	C	m sd %ile n	4.98 2.64 8.33 33	0.07 0.07 0.14 33	89.07 24.97 57.06 30
WORCESTER & BIRMINGHAM	MINOR RD BR TIBBERTON TO R. SEVERN SO907 583 to SO847 534 9.4 Km at DIGLIS SO849 539 81569020	C	D		RE4	C	C	m sd %ile n	3.66 2.22 6.41 35	0.13 0.27 0.3 35	89 21.97 60.85 33
STAFFS & WORCS CANAL	JN. TRENT AND MERSEY CANAL TO TIXALL BR SJ995 239 to SJ975 216 4 Km at TIXALL BR SJ975 216 81915180	E	O		RE4	M	-	m sd %ile n	3.5 2.49 6.48 35	0.06 0.1 0.14 35	95 29.54 57.14 35
STAFFS & WORCS CANAL	TIXALL BR TO M6 RD BR WOODBANK SJ975 216 to SJ935 153 11.5 Km at PARK GATE SJ937 158 81913740	E	C up		RE4	C	-	m sd %ile n	3.22 1.84 5.52 35	0.07 0.09 0.16 35	91.34 16.71 69.93 35
STAFFS & WORCS CANAL	M6 RD BR WOODBANK TO HATHERTON BRANCH SJ935 153 to SJ935 086 9.5 Km at GAILEY MARINA SJ920 103 81912810	E	C up		RE4	C	-	m sd %ile n	3.02 1.61 5.06 34	0.05 0.12 0.19 34	92.94 19.82 67.54 34
STAFFS & WORCS CANAL	JN. HATHERTON BRANCH TO COVEN HEATH STW SJ935 086 to SJ911 047 5 Km at COVEN HEATH SJ914 054 81910980	E	E		RE4	C	-	m sd %ile n	4.05 2.01 6.62 59	0.37 1.31 0.8 59	98.01 38.23 49.02 56
STAFFS & WORCS. CANAL	COVEN HEATH STW TO OXLEY RAIL BR SJ911 047 to SJ902 014 3.5 Km at OXLEY WTON SJ902 017 81909960	E	D up		RE5	C	-	m sd %ile n	4.1 1.66 6.27 55	0.25 0.42 0.56 55	81.34 7.97 71.12 53
STAFFS & WORCS. CANAL	OXLEY RAILWAY BR TO A41NEWBR SJ902 014 to SO893 999 2 Km at WITH BIRM CANAL SJ902 011 81909760	O	D	f	RE5	C	-	m sd %ile n	3.6 1.6 5.67 39	0.65 1.07 1.46 39	70.28 9.77 57.76 35
STAFFS & WORCS. CANAL	A41 NEW BR TO COMPTON LOCKS SO893 999 to SO883 988 1.2 Km at COMPTON BR SO883 988 81908760	O	D	c	RE4	C	-	m sd %ile n	3.26 2.15 5.87 43	0.47 0.72 1.05 43	72 9.78 59.47 40
STAFFS & WORCS. CANAL	COMPTON LOCKS TO ROAD BR SWINDON SO883 988 to SO862 906 10 Km at SWINDON BR SO862 906 81906180	O	C		RE4	C	-	m sd. %ile n	3.72 1.77 5.99 40	0.16 0.28 0.36 40	99.23 10.77 85.43 39
STAFFS & WORCS. CANAL	SWINDON TO WORCESTER RD KIDDERMINSTER SO862 906 to SO828 758 20 Km at WORCESTER RD KIDD SO828 758 81900190	O	D	f	RE3	C	C	m sd %ile n	3.36 1.84 5.68 39	0.26 1.33 0.51 39	81.73 20.22 55.82 37
STAFFS & WORCS. CANAL	WORCESTER RD KIDDERMINSTER TO R. SEVERN SO828 758 to SO810 706 6.2 Km at STOURPORT BASIN SO813 709 81898100	C	D		RE3	M	C	m sd %ile n	3.49 2.03 6.03 43	0.17 0.75 0.35 43	91.3 28.77 54.43 40
STOURBRIDGE CANAL	DUDLEY CANAL TO STAFFS & WORC. CANAL SO9170 8639 to SO8615 8513 5.5 Km at STOURTON A449 SO864 851 81936020	O	C		RE3	C	-	m sd %ile n	3.13 1.71 5.29 31	0.05 0.03 0.09 31	83.07 8.48 72.2 29
DUDLEY CANAL	JN. STOURBRIDGE CANAL TO BLACKBROOK BR SO905 874 to SO934 882 5 Km at DUDLEY MIXED SO934 888 82108900	C	E	d	RE3	S	-	m sd %ile n	4.03 2.74 7.35 33	0.12 0.15 0.26 34	87.44 30.72 46.07 32
DUDLEY CANAL	BLACKBROOK BR TO DOULTON RD ROWLEY REGIS SO934 882 to SO959 878 3.5 Km at CRADLEY RD SO948 874 82111200	E	E		RE4	S	-	m sd %ile n	3.89 2.49 6.94 31	0.1 0.17 0.23 32	101.2 60.41 23.82 30
DUDLEY CANAL	DOULTON RD ROWLEY REGIS TO HALESOWEN SO959 878 to SO974 842 4 Km at CHERRY ORCHARD SO963 861 82114160	D	D	c	RE4	C	-	m sd %ile n	2.4 1.63 4.37 30	0.12 0.29 0.26 31	85.97 20.31 59.93 29
SHROPSHIRE UNION CANAL	ATHERLEY JN TO PENDEFORD BR SJ901 020 to SJ888 034 2.2 Km at PENDEFORD BR SJ888 034 82221390	E	E		RE5	C	-	m sd %ile n	3.15 1.2 4.72 33	0.32 0.42 0.69 33	64.53 16.96 42.8 32
SHROPSHIRE UNION CANAL	PENDEFORD BR TO GNOSALL BR SJ888 034 to SJ819 203 19.5 Km at WHEATON ASTON SJ858 127 82222740	D	D		RE3	M	C	m sd %ile n	3.36 2.17 6.01 35	0.16 0.33 0.37 35	88.29 23.73 57.88 34

WATER COURSE	STRETCH DETAILS	CHEM GOA 1990	CHEM GOA 1997	BIOL GOA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
SHROPSHIRE UNION CANAL	GNOSALL BR TO A519 RD BR NR NORBURY SJ819 203 to SJ790 243 5 Km at NORBURY JN SJ793 229 82224020	E	C		RE3	C	C	m sd %ile n	3.42 1.5 5.36 32	0.16 0.3 0.37 32	93.86 25.34 61.39 29
SHROPSHIRE UNION CANAL	A519 NR NORBURY TO RD NR PARK HEATH SJ790 243 to SJ732 275 7 Km at KNIGHTON SJ746 268 82224500	E	C		RE3	C	C	m sd %ile n	3.62 1.8 5.92 32	0.11 0.14 0.24 32	94.23 23.24 64.45 30
SHROPSHIRE UNION CANAL	BR NR PARK HEATH TO MARKET DRAYTON SJ732 275 to SJ683 346 10.1 Km at MARKET DRAYTON A53 SJ684 346 82225800	C	D		RE3	M	C	m sd %ile n	3.82 2.35 6.73 31	0.11 0.31 0.25 31	96.24 15.26 76.69 29
SHROP. UNION (LLANGOLLEN)	PLATT LANE BR TO ELLESMERE BASIN SJ511 365 to SJ401 343 13.5 Km at PLATT LANE BR SJ511 365 82415020	B	B	d	RE1	M	C	m sd %ile n	1.82 0.58 2.58 42	0.07 0.06 0.14 41	94.63 7.58 84.91 42
SHROP. UNION (LLANGOLLEN)	ELLESMERE BASIN TO A495 MAES-TERMYN SJ401 343 to SJ353 326 7 Km at MAES TERMYN A493 SJ353 326 82417900	B	A	e	RE1	C	C	m sd %ile n	1.65 0.6 2.43 41	0.03 0.03 0.06 43	96.6 5.36 89.72 43
SHROP. UNION (PREES)	MOSS FM TO SYDNEY BR EDSTASTON SJ488 352 to SJ513 321 4.5 Km at DOBSONS BRIDGE SJ492 343 82439060	B	B	c	RE4	C	-	m sd %ile n	2.26 0.65 3.12 42	0.04 0.07 0.1 41	90.53 7.68 80.7 42
SHROP. UNION (MONTGOMERY)	A5 RD BR TO MORTON FARM MORTON SJ3392 2679 to SJ3044 2463 4.5 Km at QUEENS HEAD RD BR SJ339 268 82481580	E	C up	d	RE2	S	C	m sd %ile n	2.5 1.82 4.66 42	0.17 0.15 0.33 42	81.84 13.72 64.26 42
SHROP. UNION (MONTGOMERY)	PANT - PLAS CERRIG TO WERN OUTFALL SJ2744 2179 to SJ2518 1413 10 Km at PARSONS BR SJ2645 1896 82482560	O	D	c	RE2	S	C	m sd %ile n	1.79 0.86 2.89 26	0.07 0.03 0.12 27	70.44 14.49 51.87 27
SHROP. UNION (MONTGOMERY)	WERN OUTFALL TO WELSHPOOL MARINA SJ2518 1413 to SJ2274 0750 9 Km at WELSHPOOL CROSS SJ241 089 82483790	B	C	a	RE2	M	C	m sd %ile n	2.7 1.24 4.3 42	0.04 0.04 0.09 42	84.25 12.05 68.81 42
SHROP. UNION (MONTGOMERY)	WELSHPOOL MARINA TO B4389 ABERBECHAN SJ2274 0750 to SO1424 9339 15.5 Km at MINOR ROAD BY WILLI SO1425 9353 82485780	A	A	c	RE2	C	C	m sd %ile n	1.43 0.69 2.32 30	0.03 0.02 0.05 30	89.15 5.54 82.04 31
EREWASH(GRAND UNION)CANAL	LANGLEY MILL LOCK TO SHIPLEY GATE SK454 473 to SK463 454 2.2 Km at SHIPLEY GATE SK463 453 82531220	D	C		RE3	C	C	m sd %ile n	2.06 0.81 3.11 37	0.34 0.28 0.66 37	78.47 12.13 62.92 36
EREWASH(GRAND UNION)CANAL	SHIPLEY GATE TO STANTON LOCK SK463 454 to SK481 390 7 Km at STANTON LOCK SK481 390 82529590	C	C		RE3	C	C	m sd %ile n	2.67 2.32 5.27 37	0.18 0.17 0.36 38	91.19 20.15 65.37 38
EREWASH(GRAND UNION)CANAL	STANTON LOCK TO R. TRENT AT TRENT LOCK SK481 390 to SK491 311 8.5 Km at SHEETSTORES L.EATO SK4858 3214 82527410	E	D		RE3	M	C	m sd %ile n	2.31 1.5 4.14 30	0.11 0.1 0.22 30	81.1 19.63 55.95 30
NUT BK CANAL	A6069 KIRK HALLAM TO QUARRY HILL RD BR SK4617 4041 to SK4660 3946 1 Km at QUARRY HILL RD SK466 394 82767760	D	C		RE3	C	C	m sd %ile n	2.51 1.78 4.64 43	0.28 0.21 0.53 44	105.8 33.7 62.65 44
NUT BK CANAL	QUARRY HILL RD BR TO EREWASH CANAL SK4660 3946 to SK4820 3888 2 Km at CONF. EREWASH SK480 390 82767190	C	C		RE3	C	C	m sd %ile n	2.43 1.11 3.87 44	0.18 0.14 0.35 44	97.28 21.52 69.7 47
TRENT & MERSEY CANAL	HARECASTLE TUNNEL TO WESTPORT LAKE SJ849 518 to SJ859 502 2 Km at HARECASTLE TUNNEL SJ849 517 82808180	E	E		RE5	C	-	m sd %ile n	1.79 1.24 3.28 32	0.94 0.48 1.55 32	61.29 21.68 33.26 31
TRENT & MERSEY CANAL	TRACK BR. WESTPORT LAKE TO BURSLEM BR SJ859 502 to SJ865 488 1.8 Km at TRUBSHAW CROSS SJ857 498 82807380	E	D		RE5	C	-	m sd %ile n	3.15 2.01 5.61 32	0.45 0.47 0.94 32	83 23.75 52.56 31
TRENT & MERSEY CANAL	BURSLEM BR TO WEDGEWOOD POTTERY BR SJ865 488 to SJ885 394 10 Km at HEM HEATH SJ880 410 82802790	D	C		RE3	C	C	m sd %ile n	3.23 1.29 4.91 32	0.05 0.05 0.1 32	88.9 20.71 62.36 31

WATER COURSE	STRETCH DETAILS	CHEM GQA 1990	CHEM GQA 1997	BIOL GQA 1997	ROO	COMP ROO	FISH DES	KEY STATS	BOD ATU (mg/l)	NH3 TOT (mg/l)	DO % SAT
TRENT & MERSEY CANAL	WEDGEWOOD POTTERY TO STAFF & WORC. CANAL SJ8850 3940 to SJ9950 2296 21 Km at ASTON SJ915 321 82800790	C	D		RE3	C	C	m sd %ile n	3.19 1.68 5.53 37	0.04 0.03 0.07 37	94.09 27.26 59.15 35
TRENT & MERSEY CANAL	STAFFS & WORC. CANAL TO COVENTRY CANAL SJ9950 2296 to SK1410 1405 20 Km at LITTLE HAYWOOD SK004 212 82798190	D	D		RE4	M	C	m sd %ile n	4.23 2.66 7.5 29	0.03 0.02 0.06 29	95.26 28.44 58.82 27
TRENT & MERSEY CANAL	JN COVENTRY CANAL TO R TRENT WYCHNOR SK1410 1405 to SK1740 1565 4 Km at FRADLEY JN SK137 137 82795560	D	C		RE4	C	C	m sd %ile n	3.31 2.19 5.97 29	0.06 0.05 0.11 29	88.54 15.35 68.87 28
TRENT & MERSEY CANAL	R TRENT WYCHNOR TO BRANSTON BR SK1740 1565 to SK2170 2135 8 Km at WYCHNOR SK185 161 82794580	C	B		RE3	C	C	m sd %ile n	2.16 0.93 3.37 30	0.14 0.19 0.31 30	90.6 9.08 78.96 30
TRENT & MERSEY CANAL	BRANSTON BR TO HIGH BR AT EGGINTON SK2170 2135 to SK2725 2740 8.4 Km at STRETTON SK259 260 82792590	O	B		RE3	C	C	m sd %ile n	2.37 1.12 3.81 30	0.07 0.08 0.15 30	94.93 19.22 70.3 30
TRENT & MERSEY CANAL	HIGH BR EGGINTON TO CONF. R TRENT SK272 274 to SK458 307 19 Km at SHARDLOW SK455 307 82789060	C	C		RE3	C	C	m sd %ile n	2.41 1.72 4.47 31	0.05 0.05 0.1 32	95.79 15.05 76.5 33
CALDON CANAL	JN. TRENT & MERSEY CANAL TO CHEDDLETON. SJ872 469 to SJ981 521 18 Km at MILTON SJ902 501 82875390	D	B		RE3	C	C	m sd %ile n	2.49 1.06 3.86 30	0.07 0.06 0.13 31	95.1 12.85 78.63 32
CALDON CANAL	CHEDDLETON TO R. CHURNET CANALISED SEC. SJ981 521 to SJ989 502 2 Km at CHEDDLETON SJ981 521 82879590	D	D		RE3	M	C	m sd %ile n	3.84 2.48 6.88 31	0.07 0.07 0.14 31	92.63 21.17 65.5 30
CALDON CANAL	R CHURNET (CANALISED SEC.) TO FROGHALL SJ989 502 to SK024 474 4 Km at FROGHALL SK024 479 82881890	C	E		RE3	M	C	m sd %ile n	2.99 2.53 5.85 30	0.08 0.1 0.17 30	95.32 35.48 49.85 28

8. APPENDICES

WATER QUALITY CRITERIA AND STANDARDS

8.1 GQA Chemical Grading for Rivers and Canals

The basic chemical grade of the GQA scheme is defined by standards for the concentrations of BOD, ammonia and dissolved oxygen, as illustrated in Table 8.1 below. The overall grade assigned to a river or canal reach is determined by the worst of the three grades for the individual determinands.

The grades are defined in terms of the 90 percentile for BOD and ammonia and the 10 percentile for dissolved oxygen.

Water Quality	Grade	Dissolved Oxygen	BOD (ATU)[1]	Ammonia
		(% saturation) 10-percentile	(mg/l) 90-percentile	(mgN/l) 90-percentile
Very good	A	80	2.5	0.25
Good	B	70	4	0.6
Fairly good	C	60	6	1.3
Fair	D	50	8	2.5
Poor	E	20	15	9.0
Bad	F[2]	<20		

[1] as suppressed by adding allyl thio-urea
[2] i.e. quality which does not meet the requirements of grade E in respect of one or more determinands.

8.2 GQA Biological Grading for Rivers

Two biological samples are taken from a representative site in a river stretch – one in spring (March-May) and one in autumn (September-November). To take account of seasonal variation, taxa found in the spring sample are combined with any additional taxa found in the autumn sample.

Two indices are determined for each sample:

- The number of different scoring taxa present
- The average score per taxon (ASPT).

These indices are then compared to those which would be expected in an unpolluted river of the same type using RIVPACS (a mathematical model). The biological quality of a river is expressed as a ratio of the actual value from sampling compared with the predicated value. This ratio is known as the Ecological Quality Index (EQI). and is calculated for both the number of taxa and the ASPT. A sample with an EQI of 1 or more has a similar number of taxa or ASPT to that expected under conditions of natural water quality. Each EQI is then compared with those set for the biological grades in the table below and the site is assigned the lower of the two grades (if these differ for the two indices).

Water Quality	Grade	EQI for Taxa	EQI for ASPT
Very good	A	0.85	1.00
Good	B	0.70	0.90
Fairly good	C	0.55	0.77
Fair	D	0.45	0.65
Poor	E	0.30	0.50
Bad	F	<0.30	<0.50

Operational GQA grades use the same grade definitions as the GQA scheme but have not been derived according to the criteria specified by the GQA scheme e.g. the samples may have been taken in different sampling seasons to those used as standard. An operational grade should therefore be regarded as less reliable than a formal GQA classification (strict grade) but can still be used to give an indication of quality.

8.3 GQA Nutrient (Phosphate) Classification Scheme

Classification by Phosphate

Nutrients are important indicators of water quality because of their role in eutrophication.

Research by the Water Research Centre for the National Rivers Authority concluded that nitrogen and phosphorus were the two most important nutrients in rivers, with phosphorus being more likely to limit eutrophication. The research also recommended that nitrogen and phosphorus had to be considered separately in order to get a sensible classification.

There are uncertainties about eutrophication and about the role of nutrients. There is a lot of research, opinion and assertion, but little agreement on the general relation between the concentrations of nutrients and their effect on the ecology of rivers.

In 1992 the NRA proposed a classification based on a set of average concentrations of phosphate thought by many (but not by some) to indicate the rough boundaries between effects in many types of rivers. This set included a guideline value put forward by the DoE as one component of a set of criteria for selecting possible candidates for *Sensitive Areas* under the Directive on *Urban Waste Water Treatment* [11]:

The Water Research Centre stressed the need for a flexible system where the classifications recorded in past years could be re-worked into new classification in the light of developments in knowledge and a consensus on standards. At the same time, the system must be able to pick up and report on changes, whether or not they hold significance for eutrophication.

A classification based on average concentrations of phosphorus is shown below:

Boundaries for the Phosphate Classification	
Category	**Grade Limit (Annual Average Concentration of Phosphate - mg/l)**
1	0.02
2	0.06
3	0.1
4	0.2
5	1.0
6	-

These "standards" cannot be regarded as anything like as generally prescriptive of good or bad quality as the standards for the Chemical and Biological GQA. Indeed the degree to which high levels of phosphorus are considered bad depends on where the river is and on physical factors like the flow regime, altitude and the size of the river. The significance of a Grade 3 river in Wales is quite different from a Grade 3 in East Anglia. And a shift from 2 to 1 in the Lake District can be much more important than the fact that a river in East Anglia remains in Grade 5 or 6.

The procedure used for the Phosphate classification is very similar to that used for the Chemical GQA. For example, three years' data are used - the Grade for 1995 being based on samples taken in 1993, 1994 and 1995.

As for the Chemical GQA, the Phosphate GQA makes use of data collected for the general management of water quality and taking decisions to protect the environment. Very little of the monitoring for the GQA is new monitoring except where we have imposed standard procedure across England and Wales.

The methods of chemical analysis used before 1994 were not always required to detect very low concentrations. Accordingly, the use of the classification to show change since 1990 is hampered for Grades characterised by low levels of phosphate, by the precision of chemical analysis. Some of the methods are unable to distinguish Grade A from B. Methods of analysis will be agreed in Service Level Agreements with the National Laboratory Service to enable this to take place in the future.

Errors

The fact that a lot of rivers lie close to the edge of a class boundary, coupled with the uncertainty produced by monitoring less than all the time, gives an average risk of 15% that a particular stretch of river sampled 36 times is placed in the wrong grade.

There is a risk of 15% that a stretch of river is given the wrong grade and a similar risk that a river may be declared wrongly to have changed class from one survey to the next. This error means that reported changes of a single grade are often insignificant because too many such changes are produced by error.

8.4 River Ecosystem Classification

The Surface Waters (River Ecosystem) (Classification) Regulations 1994, SI 1994 No. 1057, prescribe a system for classifying the quality of rivers and canals to provide the basis for setting statutory river water quality objectives (WQOs) under section 83 of the Water Resources Act 1991 in respect of individual stretches of water.

The River Ecosystem classification comprises five hierarchical classes, in order of decreasing quality: RE1, RE2, RE3, RE4 and RE5. The criteria which samples of water are required to satisfy are set out in the table overleaf.

Regulation 3 of the Surface Waters (River Ecosystem) (Classification) Regulations 1994 provides that certain matters relevant to the assessment of compliance with the requirements prescribed for each of the quality classes RE1-RE5 are to be determined by the Environment Agency in accordance with the procedures and principles set out in this document.

River Ecosystem Classification

Class	Dissolved Oxygen % saturation 10 percentile	BOD (ATU) mg/l 90 percentile	Total Ammonia mg N/l 90 percentile	Un-ionised Ammonia mg N/l 95 percentile	pH lower limit as 5 percentile upper limit as 95 percentile	Hardness mg/l Ca CO_3	Dissolved Copper µg/l 95 percentile	Total Zinc µg/l 95 percentile
RE1	80	2.5	0.25	0.021	6.0 - 9.0	≤10 >10 and ≤50 >50 and ≤100 >100	5 22 40 112	30 200 300 500
RE2	70	4.0	0.6	0.021	6.0 - 9.0	≤10 >10 and ≤50 >50 and ≤100 >100	5 22 40 112	30 200 300 500
RE3	60	6.0	1.3	0.021	6.0 - 9.0	≤10 >10 and ≤50 >50 and ≤100 >100	5 22 40 112	300 700 1000 2000
RE4	50	8.0	2.5	-	6.0 - 9.0	≤10 >10 and ≤50 >50 and ≤100 >100	5 22 40 112	300 700 1000 2000
RE5	20	15.0	9.0	-	-	-	-	-

8.5 Classification of Estuaries and Tidal Waters

The classification of estuaries and tidal waters has been carried out using the scheme devised by the Department of the Environment Estuaries Working Party. The following tables show the allocation of points. The points awarded to each area under the headings of biological, aesthetic and water quality are summed, and the areas classified according to the following scale.

Classification	Number of Points	Description
Class A	30-24	Good Quality
Class B	23-16	Fair Quality
Class C	15-9	Poor Quality
Class D	8-0	Bad Quality

Classification of an estuary is summarised according to the length in each class. The length of an estuary should normally be measured along its centre line from the landward limit to the seaward limit of the survey. Where the classification is different from one side to the other, the length of estuary affected should be allocated proportionally between the different classes.

Allocation of points for the Estuarial Quality Classification Scheme

Biological Quality **(Scores under a, b, c & d to be summed)**

Description	Points Awarded if Estuary Meets This Description
(a) Allows the passage to and from freshwater of all relevant species of migratory fish, when this is not prevented by physical barriers. Relevant species include salmonids, eels, flounders and cucumber smelts etc.	2
(b) Supports a residential fish population which is broadly consistent with the physical and hydrographical conditions.	2
(c) Supports a benthic community which is broadly consistent with the physical and hydrographical conditions.	2
(d) Absence of substantially elevated levels in the biota of persistent toxic or tainting substances from whatever source.	4
Maximum number of points	10

Aesthetic Quality **(Choose one description only)**

Description	Points awarded if estuary meets this description
(a) Estuaries or zones of estuaries that either do not receive a significant polluting input or which receive inputs that do not cause significant aesthetic pollution.	10
(b) Estuaries or zones of estuaries which receive inputs which cause a certain amount of aesthetic pollution but do not seriously interfere with estuary usage.	6
(c) Estuaries or zones of estuaries which receive inputs which result in aesthetic pollution sufficiently serious to affect estuary usage.	3
(d) Estuaries or zones of estuaries which receive inputs which cause widespread public nuisance.	0

Water Quality (Score according to quality)

Dissolved oxygen exceeds the following saturation values:

Dissolved Oxygen Saturation	Points Awarded
60%	10
40%	6
30%	5
20%	4
10%	3
<10%	0

8.6 Standards Required by the Surface Water Abstraction Directive 75/440/EEC

The Surface Waters (Abstraction for Drinking Water) (Classification) Regulations 1996, SI No. 3001
The Surface Waters (Abstraction for Drinking Water) Directions 1996

No in Annex II	Parameters	DW1 G	DW1 I	DW2 G	DW2 I	DW3 G	DW3 I
1	pH	6.5 to 8.5		5.5 to 9		5.5 to 9	
2	Coloration (after simple filtration) (mg/l Pt scale)	10	20(0)	50	100 (0)	50	200(0)
3	Total suspended solids (mg/l SS)	25					
4	Temperature (°C)	22	25(0)	22	25(0)	22	25(0)
5	Conductivity ($\mu s/cm^{-1}$ at 20 °C)	1000		1000		1000	
6	Odour (dilution factor at 25 °C)	3		10		20	
7*	Nitrates (mg/l NO_3)	25	50(0)		50(0)		50(0)
8 (1)	Fluorides (mg/l F)	0.7 to 1	1.5	0.7 to 1.7		0.7 to 1.7	
9	Total extractable organic chlorine (mg/l Cl)						
10*	Dissolved iron (mg/l Fe)	0.1	0.3	1	2	1	
11*	Manganese (mg/l Mn)	0.05		0.1		1	
12	Copper (mg/l Cu)	0.02	0.05(0)	0.05		1	
13	Zinc (mg/l Zn)	0.5	3	1	5	1	5
14	Boron (mg/l B)	1		1		1	
15	Beryllium (mg/l Be)						
16	Cobalt (mg/l Co)						
17	Nickel (mg/l Ni)						
18	Vanadium (mg/l V)						
19	Arsenic (mg/l As)	0.01	0.05		0.05	0.05	0.1
20	Cadmium (mg/l Cd)	0.001	0.005	0.001	0.005	0.001	0.005
21	Total chromium (mg/l Cr)		0.05		0.05		0.05
22	Lead (mg/l Pb)		0.05		0.05		0.05
23	Selenium (mg/l Se)		0.01		0.01		0.01
24	Mercury (mg/l Hg)	0.0005	0.001	0.0005	0.001	0.0005	0.001
25	Barium (mg/l Ba)		0.1		1		1

No in Annex II	Parameters	DW1 G	DW1 I	DW2 G	DW2 I	DW3 G	DW3 I
26	**Cyanide** (mg/l Cn)		0.05		0.05		0.05
27	**Sulphates** (mg/l SO_4)	150	250	150	250(0)	150	250(0)
28	**Chlorides** (mg/l Cl)	200		200		200	
29	**Surfactants** (reacting with methyl blue) (mg/l (lauryl-sulphate))	0.2		0.2		0.5	
30 * (2)	**Phosphates** (mg/l P_20_5)	0.4		0.7		0.7	
31	**Phenols** (phenol index paranitraniline 4 aminoantipyrine (mg/l C_6H_5OH)		0.001	0.001	0.005	0.01	0.1
32	**Dissolved or emulsified Hydrocarbons** (after extraction by petroleum ether) (mg/l)		0.05		0.2	0.5	1
33	**Polycyclic aromatic hydrocarbons** (mg/l)		0.0002		0.0002		0.001
34	**Total pesticides** (parathion, BHC, dieldrin) (mg/l)		0.001		0.0025		0.005
35*	**Chemical Oxygen Demand** (COD) (mg/l O_2)					30	
36*	**Dissolved oxygen saturation rate** (% O_2)	> 70		>50		>30	
37*	**Biochemical Oxygen Demand** (BOD_5) (at 20 °C without nitrification) (mg/l O_2)	< 3		< 5		< 7	
38	**Nitrogen by Kjeldahl Method** (except NO_3) (mg/l N)	1		2		3	
39	**Ammonia** (mg/l NH_4)	0.05		1	1.5	2	4(0)
40	**Substances extractable with chloroform** (mg/l SEC)	0.1		0.2		0.5	
41	**Total organic carbon** (mg/l C)						
42	**Residual organic carbon** after flocculation and membrane filtration (5 µ) TOC (mg/l C)						
43	**Total coliforms** 37° C (/100 ml)	50		5000		50000	
44	**Faecal coliforms** (/100 ml)	20		2000		20000	
45	**Faecal streptococci** (/100 ml)	20		1000		10000	
46	**Salmonella**	Not present in 5000 ml		Not present in 1000 ml			

Key

I	Mandatory. The units are maxima unless stated otherwise
G	Guide
O	Exceptional climatic or geographical conditions derogation allowed.
*	Derogation for lakes of depth < 20m, with exchange of water >1 year, without discharge of waste water.
(1)	The values given are upper limits set in relation to the mean annual temperature (high and low).
(2)	This parameter has been included to satisfy the ecological requirements of certain types of environment.

Surface Water (Abstraction for Drinking Water) Direction 1996. Section 40 of the Environment Act 1995.

From April 1997 the Agency was required to start collecting data for the setting of Operational Standards. 12 samples a year must be collected until further notice for both I and G values.

Sampling and Reporting

Based on class DW1, DW2 or DW3, population served and parameter. Theoretically 1 in 20 samples are allowed to fail (95 percentile is applied), but the maximum number of samples recommended is 12, therefore no failures are allowed (see following table).

Surface Water – Abstraction Directive
Minimum Annual Frequency of Sampling for Each Parameter

Table from Surface Waters (Abstraction for Drinking Water) (Classification) Regulations 1996

Population served	Classification DW1			Classification DW2			Classification DW3		
	A[1]	B[2]	C[3]	D[4]	E[5]	F[6]	G[4]	H[7]	J[6]
≥ 10,000	1	1	1	1	1	1	2	1	1
> 10,000 to ≤ 30,000	1	1	1	2	1	1	3	1	1
> 30,000 to ≤100,000	2	1	1	4	2	1	6	2	1
> 100,000	3	2	1	8	4	1	12	4	1

1. This column applies to the parameters	Coloration, temperature and nitrates
2. This column applies to the parameters	Dissolved iron, copper, zinc, sulphates and phenols
3. This column applies to the parameters	Fluorides, arsenic, cadmium, total chromium, lead, selenium, mercury, barium, cyanide, dissolved or emulsified hydrocarbons, polycyclic aromatic hydrocarbons and total pesticides.
4. This column applies to the parameters	Coloration, temperature, nitrates and ammonium.
5. This column applies to the parameters	Dissolved iron, zinc, sulphates and phenols
6. This column applies to the parameters	Arsenic, cadmium, total chromium, lead, selenium, mercury, barium, cyanide, dissolved or emulsified hydrocarbons, aromatic hydrocarbons and total pesticides
7. This column applies to the parameters	Zinc, sulphates and phenols.

8.7 SWAD (Surface Water Abstraction Directive) Sites in Midlands Region

Abstraction	SAMPLING Point	Class
Blackbrook Reservoir	46679560	2
Blithfield Reservoir	67015963	2
Brownsover	4803760	2
Campion Hills	10928080	2
Church Wilne Reservoir	49679720	2
Cropston Reservoir	47042530	2
Derwent Reservoir	49714220	2
Dowdeswell	4468980	1
Draycote Reservoir	11238650	2
Foremark Reservoir	53784855	2
Hampton Loade	00041916	2
Howden Reservoir	49714900	2
Ladybower Reservoir	49712870	2
Little Eaton	49698850	2
Llanforda (Vyrnwy)	30697170	1
Lower Shustoke	-	2
Mythe	00026210	2
Nanpantan Reservoir	-	2
Ogston Reservoir & Carsington Res	50900425	2
Pen-Y-Gwely	30697150	2
Purton	00020110	2
Shelton	00055125	2
Stanford Reservoir	4809050	2
Staunton Harold Reservoir	53784850	2
Strensham	00027380	2
Tittesworth Reservoir	56091950	2
Trimpley Res	00039406	2
Whitacre Reservoir	64093120	2
Whitbourne	13605370	2

8.8 Dangerous Substances Directive 76/464/EEC List I and II Substances.

List I families and groups of substances

1 Organohalogen compounds and substances which may form such compounds in the aquatic environment.
2 Organophosphorus compounds.
3 Organotin compounds.
4 Substances proven to possess carcinogenic properties.
5 Mercury and its compounds.
6 Cadmium and its compounds.
7 Persistent mineral oils and hydrocarbons of petroleum origin.
8 Persistent synthetic substances which may float, remain in suspension or sink, and which may interfere with use of the waters.

List II families and groups of substances

1 The following metalloids and metals and their compounds.

zinc	copper	nickel	chromium
lead	selenium	arsenic	antimony
molybdenum	titanium	tin	barium
beryllium	boron	uranium	vanadium
cobalt	thallium	silver	tellurium

2. Biocides and derivatives not in List I.
3 Substances having a deleterious effect on taste/smell of products for human consumption from the aquatic environment.
4 Silicon compounds.
5 Inorganic compounds of phosphorus.
6 Non-persistent mineral oils and hydrocarbons of petroleum origin.
7 Cyanides and fluorides.
8 Substances which could adversely affect the oxygen balance especially ammonia and nitrites.

8.9 Statutory Environmental Quality Standards for List I Substances Statutory Instrument 1990 No. 2286. and 1992 No.337.

Classification of Inland Waters (DS1 and DS3)

Substance (annual mean)	Concentration in micrograms per litre
Aldrin, Dieldrin, Endrin and Isodrin	(i) 0.03 for the four substances in total*
	(iii) Endrin max 0.005
Cadmium and its compounds	5 (total cadmium: both soluble and insoluble forms)
Carbon tetrachloride	12
Chloroform	12
DDT (all isomers)	0.025
para-para-DDT	0.01
Hexachlorobenzene	0.03
Hexachlorobutadiene	0.1
Hexachlorocyclohexane (all isomers)	0.1
Mercury and its compounds	1 (total mercury both soluble and insoluble forms)
Pentachlorophenol and its compounds	2.
1,2- dichloroethane	10
Trichloroethylene	10
Perchloro (tetrachloro) ethylene	10
Trichlorobenzene	0.4

*EC Directive 88/347/EEC requires an EQS for Aldrin of 0.01 µg/l, Dieldrin of 0.01 µg/l and Isodrin of 0.005 µg/l.

Each discharge of a List I substance has a downstream monitoring point which is used to assess the effect of the discharge on river water quality. A discharge must also have a background monitoring site far enough downstream to reflect the overall effect on the catchment. The EQS value for some substances is lower for a background site than for a downstream site.

8.10 Statutory Environmental Quality Standards for List II Substances.

Statutory Instrument 1997 No. 2560.

Classification of inland freshwaters (DS4)

Substance	Limit in microgrammes/litre (annual mean unless stated)
Arsenic	50
Atrazine and Simazine	2 (total combined)
Azinphos-methyl	0.01
Dichlorvos	0.001
Endosulphan	0.003
Fenitrothion	0.01
Malathion	0.01
Trifluran	0.1
Tributyltin	0.02 mac (maximum allowable concentration)
Triphenyltin and its derivatives	0.02 mac (maximum allowable concentration)

Statutory Instrument 1998 No. 389

Classification of inland freshwaters (DS6)

Substance	Limit in microgrammes/litre
4-Chloro-3-methyl-phenol	40
2-Chlorophenol	50
2,4 –Dichorophenol	20
2,4-D (ester) (non-ester)	1 40
1,1,1-Trichloroethane	100
1,1,2 –Trichloroethane	400
Bentazone	500
Benzene	30
Biphenyl	25
Chloronitrotoluenes	10
Demeton	0.5
Dimethoate	1
Linuron	2
Mecoprop	20
Naphthalene	10
Omethoate	0.01
Toluene	50
Triazaphos	0.005
Xylene	30

8.11 National Environmental Quality Standards for List II Substances DOE Circular 7/89.

Fresh Water

		Lead	Chromium	Zinc	Copper	Nickel
Direct abstraction to potable supply	A1	50PT	50PT	3000PT	20PT	50PT
	A2	75MT	75MT	5000PT	50PT	50PT

	Total hardness (as mg/l $CaCO_3$)	Lead	Chromium	Zinc	Copper	Nickel
Protection of sensitive aquatic life (e.g. salmonid fish)	0-50	4AD	5AD	8AT(30P)	1AD(5P)	50AD
	50-100	10AD	10AD	50AT(200P)	6AD(22P)	100AD
	100-150	10AD	20AD	75AT(300P)	10AD(40P)	150AD
	150-200	20AD	20AD	75AT(300P)	10AD(40P)	150AD
	200-250	20AD	50AD	75AT(300P)	10AD(40P)	200AD
	250+	20AD	50AD	125AT(500P)	28AD(112P)	200AD

	Total hardness (as mg/l $CaCO_3$)	Lead	Chromium	Zinc	Copper	Nickel
Protection of other aquatic life (e.g. cyprinid fish)	0-50	50AD	150AD	75AT(300P)	1AD(5P)	50AD
	50-100	125AD	175AD	175AT(700P)	6AD(22P)	100AD
	100-150	125AD	200AD	250AT(1000P)	10AD(40P)	150AD
	150-200	250AD	200AD	250AT(1000P)	10AD(40P)	150AD
	200-250	250AD	250AD	250AT(1000P)	10AD(40P)	200AD
	250+	250AD	250AD	500AT(2000P)	28AD(112P)	200AD

Salt Water

	Lead	Chromium	Zinc	Copper	Nickel
Protection of salt water life	25AD	15AD	40AD	5AD	30AD

Fresh Water

		Boron	Iron	pH	Total hardness (as mg/l $CaCO_3$)	Vanadium
Direct abstraction to potable supply	A1	1000PT	300PD	6.5-8.5P		
	A2	1000PT	2000PD	5.5-9.0P		

Protection of sensitive aquatic life (e.g. Salmonid fish)	Boron	Iron	pH	Total hardness (as mg/l $CaCO_3$)	Vanadium
	2000AT	1000AD	6.0-9.0P	0-200	20AT
				200+	60AT

Protection of other aquatic life (e.g. Cyprinid fish)	Boron	Iron	pH	Total hardness (as mg/l $CaCO_3$)	Vanadium
	2000AT	1000AD	6.0-9.0P	0-200	20AT
				200+	60AT

Salt Water

Protection of salt water life	Boron	Iron	pH	Total hardness (as mg/l $CaCO_3$)	Vanadium
	7000AT	1000AD	6.0-8.5P		100AT

Mothproofing Agents

Fresh Water

		PCSDs[1]	Cyfluthrin	Sulcofuron	Flucofuron	Permethrin
Direct abstraction to potable supply	A1		0.001PT			0.01PT
	A2		0.001PT			0.01PT
Protection of sensitive aquatic life (e.g. Salmonid fish)		0.05PT	0.001PT	.25PT	1.0PT	0.01PT
Protection of other aquatic life (e.g. cyprinid fish)		0.05PT	0.001PT	25PT	1.0PT	0.01PT

Salt Water

Protection of salt water life	PCSDs[1]	Cyfluthrin	Sulcofuron	Fiucofuron	Permethrin
	0.05PT	0.001PT	25PT	1.0PT.	0.01PT

Key

All values given as microgrammes per litre (µg/l).

A = Annual average
P = 95 per cent of samples
M = Maximum Allowable Concentration
D = Dissolved
T = Total
[1] = polychloro chloromethyl sulphanamido diphenyl ether (PCSD)

Sampling and Reporting

We currently report compliance for all determinands.

8.12 Standards required by the EC Freshwater Fish Directive 78/659/EEC

The Surface Waters (Fishlife)(Classification) Regulations 1997, SI No. 1331.
The Surface Waters (Fishlife) Directions 1997

Parameter	Salmonid Standard		Cyprinid Standard		Comments
	G	I	G	I	
Dissolved Oxygen (mg/l)	≥ 9	≥ 9	≥ 8	≥ 7	50% of samples must meet this Standard.
		≥ 6		≥ 4	Absolute minimum.
pH		6-9		6-9	Derogation allowed in naturally acidic areas.
Un-ionised Ammonia (as NH3) (mg/l)	≤ 0.005	≤ 0.025	≤ 0.005	≤ 0.025	(0.004 mg/l and 0.02 mg/l as N respectively)
Total Ammonia (as N) (mg/l)		≤ 0.78		≤ 0.78	Directive value = 1mg/l as NH4 or 0.78mg/l as N. Derogation allowed to 3mg/l as NH_4 where healthy fish population.
Temperature °C		≤ 1.5		≤ 3	Temperature change downstream of a point of thermal discharge.
		≤ 21.5		≤ 28	Limit may be exceeded for 2% of the time. A 10°C limit applies to breeding periods of species needing cold water for reproduction.
Total Residual Chlorine (mg/l HOCl)		≤ 0.005		≤ 0.005	A suitable test is not yet available for this parameter
Total Zinc (mg/l Zn) Water Hardness (mg/l CaCO3) ≤ 10 > 10 and ≤ 50 >50 and ≤ 100 >100		 ≤ 0.03 ≤ 0.2 ≤ 0.3 ≤ 0.5		 ≤ 0.3 ≤ 0.7 ≤ 1.0 ≤ 2.0	Derogation allowed in areas of high mineralisation, natural enrichment or abandoned mines.
Suspended Solids (mg/l)	≤ 25		≤ 25		Average Concentrations
BOD (ATU) (mg/l)	≤ 5		≤ 8		UK Values (Directive requires 3mg/l and 6mg/l respectively)
Total Phosphorous (mg/l)	0.2		0.4		
Nitrites (as N) (mg/l)	0.15		0.46		UK values (0.5 mg/l and 1.5 mg/ as NO_2 respectively).(Directive requires 0.01mg/l and 0.03mg/l).
Phenolic Compounds (mg/l C_6H_5OH)					Must not be present in such concentrations that they adversely affect fish flavour.
Petroleum hydrocarbons					Must not form visible film. Must not give fish taste.
Dissolved Copper (mg/l)	≤ 0.04		≤ 0.04		Depends on water hardness

G = Guide, I = Mandatory (95% values except where stated)

Sampling and Reporting

12 samples per year are required unless the watercourse is of very good quality when a derogation to 6 samples per year exists. This derogation will not apply to1998 results. 95% of all samples should pass the stated limits; 1 failure in 12 is allowed. Currently this region only reports compliance of temperature, dissolved oxygen, pH, un-ionised ammonia, ammonia and zinc.

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