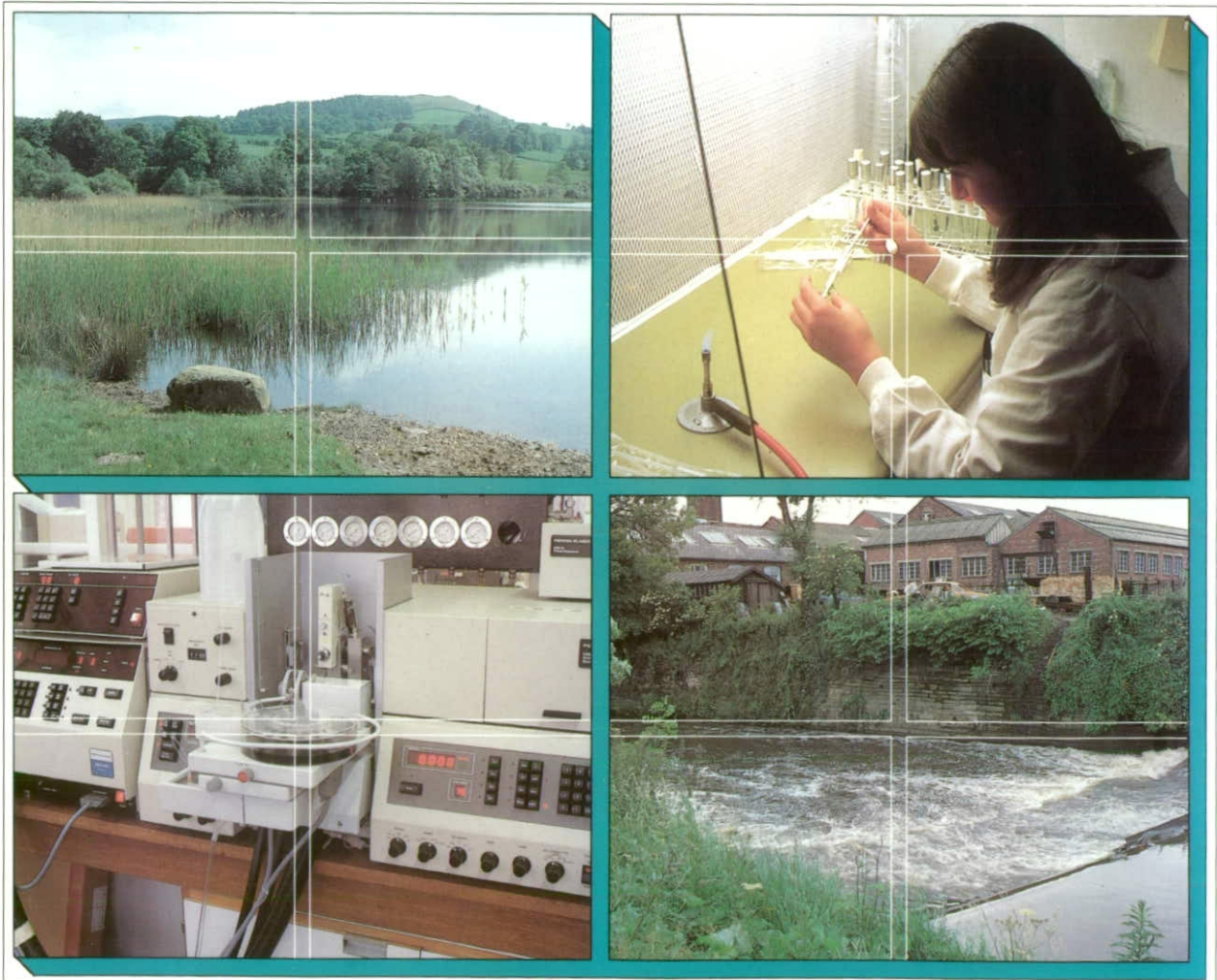


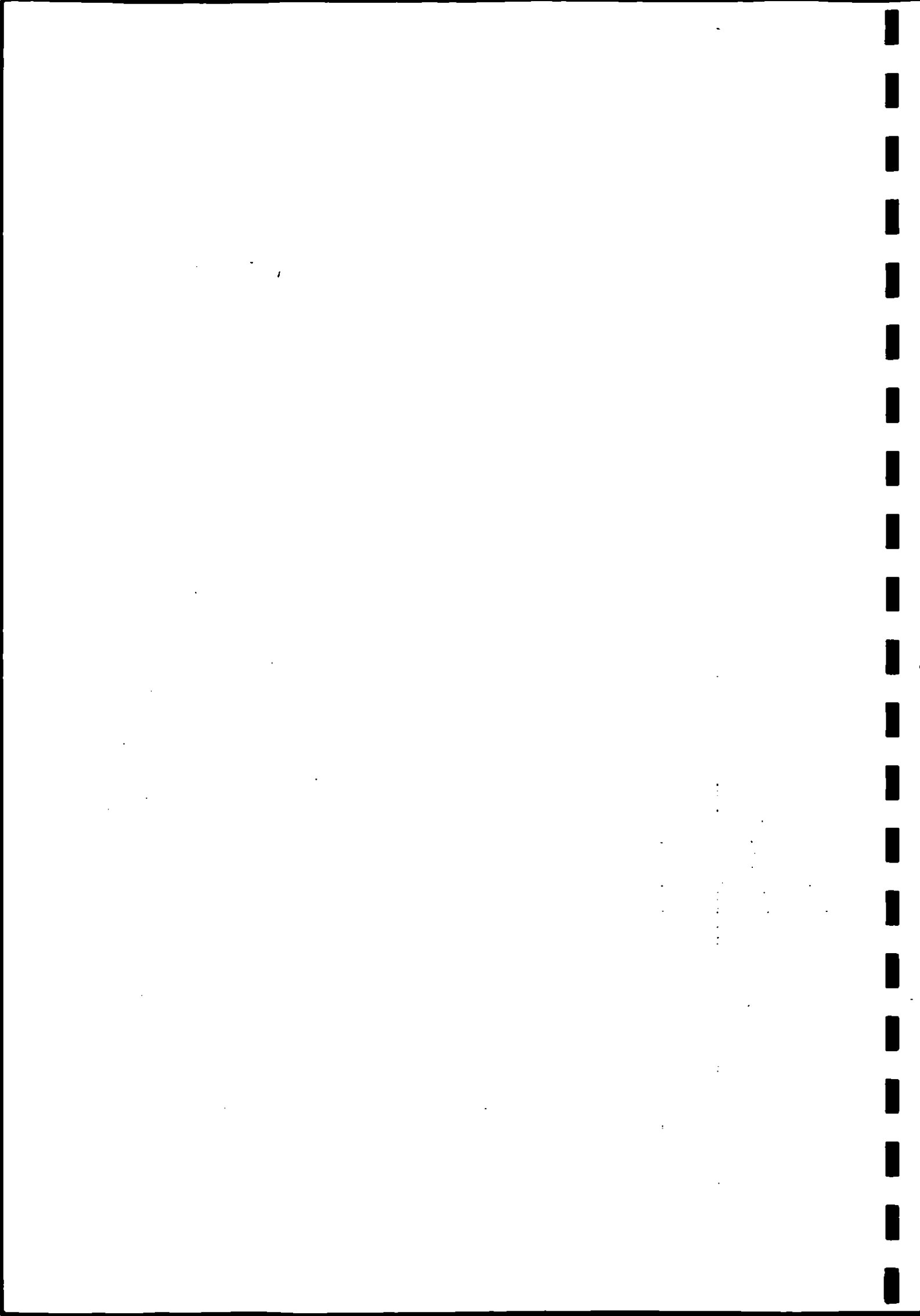
Environment Agency, South West Region River Habitat Survey 1997

PART 1

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Report to:	Environment Agency, South West Region
EA SW Contract No:	SWCON122
CEH Project No:	T04073H4
IFE Report Reference No:	RL/T04073H4/14







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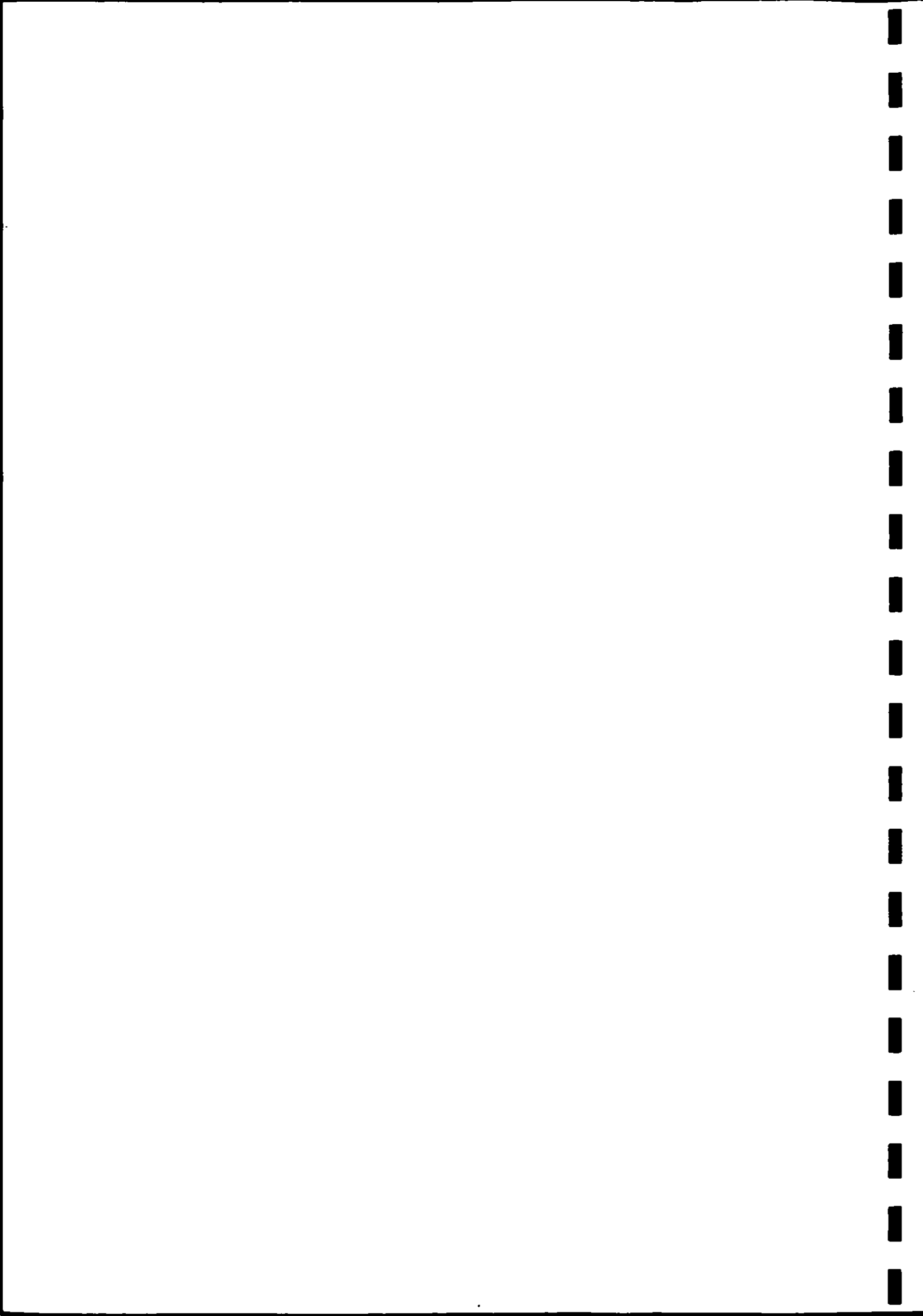
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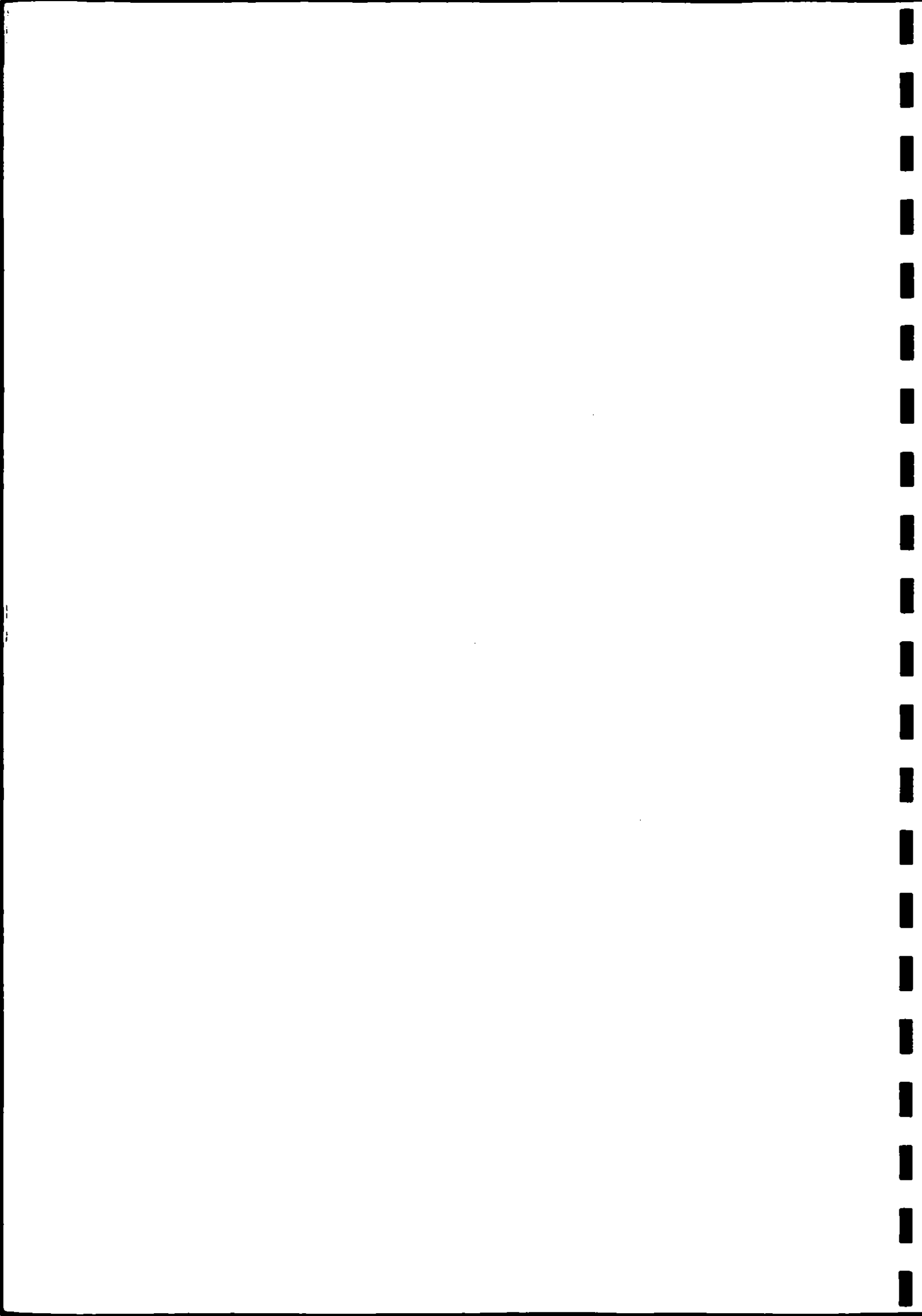
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Project Leader:	F H Dawson
Report Date:	February 1998
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Ecology &
Hydrology** Institute of Freshwater Ecology
Institute of Hydrology
Institute of Terrestrial Ecology
Institute of Virology & Environmental Microbiology

Natural Environment Research Council





River	NGR	IFE Ref. No.	EA Ref. No.
KENWYN	SW 805457	14501	21
TREWITIN STREAM	SW 893434	14502	25
RUAN	SW 899418	14503	26
TRESILLIAN	SW 899519	14504	27
CARNE STREAM	SW 917407	14505	28
UN-NAMED	SW 952412	14506	31
UN-NAMED	SW 995436	14507	32
MEVAGISSEY STREAM	SX 011452	14508	33
CRINNIS STREAM	SX 058527	14509	37
FOWEY	SX 106606	14510	38
PONT CILL	SX 144524	14511	39
ST. NEOT	SX 180705	14512	40
INNY	SX 170866	14513	47
POLPERRO	SX 206511	14514	48
WEST LOOE	SX 215626	14515	50
EAST LOOE	SX 229558	14516	51
KENSEY	SX 239871	14517	52
WITHEY BROOK	SX 242742	14518	53
CAUDWORTHY WATER	SX 261894	14519	54
SEATON	SX 286618	14520	57
TAMAR	SX 304788	14521	58
OTTERY	SX 319873	14522	59
TAMAR	SX 333912	14523	60
UN-NAMED TRIB. OF LOWLEY BROOK	SX 333806	14524	61
INNY	SX 351771	14525	62
CLAW	SS 368004	14526	63
CAREY	SX 370909	14527	64
LYNHER	SX 384613	14528	65
LYD	SX 389843	14529	66
UN-NAMED TRIB. OF LYNHER	SX 345555	14530	67
UN-NAMED TRIB. OF TAMAR	SX 408684	14531	68
TAMAR	SX 418726	14532	69
CAREY	SX 417981	14533	70
THRUSHEL	SX 441889	14534	72
BURN	SX 496791	14535	74
WALKAM	SX 533706	14536	76
NEWTON CREEK	SX 561484	14537	78
SILVERBRIDGE LAKE	SX 568527	14538	79
BLACK BROOK	SX 608738	14539	81
WEST DART	SX 611790	14540	82
NORTH TEIGN	SX 640845	14541	83
UN-NAMED	SS 232190	14542	88
UN-NAMED	SS 297259	14543	89
UN-NAMED	SS 442392	14544	93
UN-NAMED TRIB. OF OTTER	SY 066904	14545	160
UN-NAMED	SS 516465	14546	95
UMBER	SS 582465	14547	98
YEO	SS 603356	14548	99
DELETED	SX 319873	14549	59
RYE STREAM	SS 638390	14550	101
LITTLE DART	SS 691136	14551	102
BRAY	SS 678282	14552	103
YEO	SS 709010	14553	104

TRIB OF MOLE	SS 717311	14554	105
HUNTA-COTT WATER	SS 721161	14555	106
EAST LYN	SS 737485	14556	107
MOLE	SS 738278	14557	108
BARLE	SS 751389	14558	109
ASH BROOK	SS 774037	14559	110
UN-NAMED TRIB. OF BADGWORTHY WATER	SS 784425	14560	111
UN-NAMED TRIB. OF YEO	SS 784303	14561	112
BADGWORTHY	SS 792475	14562	113
CROOKED OAK	SS 795234	14563	114
STURCOMBE	SS 841213	14564	115
DANES BROOK	SS 848300	14565	116
SHOBROOK	SS 869019	14566	117
UN-NAMED TRIB. OF LITTLE DART	SS 872170	14567	118
UN-NAMED TRIB. OF CREEDY (Incomplete)	SS 879108	14568	119
DART (Incomplete)	SS 925092	14569	122
PULHAM	SS 944348	14570	123
HADDEO	SS 951293	14571	124
BURN RIVER	SS 981070	14572	126
CULM	SS 980010	14573	127
HADDEO	ST 002300	14574	128
BATHERM	ST 002234	14575	129
LOWMAN	ST 014194	14576	130
WEST WEBBURN	SX 687774	14577	132
HARBOURNE	SX 723618	14578	136
EAST WEBBURN	SX 728795	14579	137
TEIGN	SX 748897	14580	138
FORD BROOK	SX 758943	14581	143
TEIGN	SX 792887	14582	144
DART	SX 803624	14583	145
SOWTON BROOK	SS 832910	14584	151
KENN	SX 878882	14585	152
UN-NAMED TRIB. OF TEIGN	SX 883767	14586	153
ALPHIN BROOK	SX 913904	14587	155
UN-NAMED TRIB. OF EXE	SX 978791	14588	156
UN-NAMED TRIB. OF EXE	SY 042930	14589	158
UN-NAMED TRIB. OF CRANNY BROOK	SY 135892	14590	159
SID	SY 134892	14591	161
UN-NAMED TRIB. OF SID	SY 162921	14592	162
COLY	SY 183956	14593	163
UN-NAMED TRIB. OF COLY	SY 202915	14594	164
AXE	SY 274964	14595	165
TALE	ST 102049	14596	173
SHELDON STREAM	ST 124086	14597	174
DONIFORD STREAM	ST 112367	14598	175
OTTER	ST 198064	14599	181
OTTER	ST 222116	14600	184
UN-NAMED TRIB. OF YARTY	ST 268038	14601	188
DING	ST 299147	14602	189
KIT BROOK	ST 298059	14603	190
UN-NAMED TRIB. OF AXE	ST 300536	14604	191
FORTON BROOK	ST 337081	14605	194
UN-NAMED TRIB. OF AXE	ST 330603	14606	195
FIVE HEAD	ST 349214	14607	196
DOWLISH BROOK	ST 370131	14608	197

ISLE	ST 504228	14609	198
AXE	ST 409064	14610	200
LAMBROOK BROOK	ST 417185	14611	201
CHAR	ST 424005	14612	202
UN-NAMED TRIB. OF AXE	ST 468468	14613	203
DELETED	ST 467469	14614	204
WELHAMS BROOK	ST 498176	14615	205
UN-NAMED TRIB. OF CONGRESBURY YEO	ST 482606	14616	206
CHEDDAR YEO	ST 487551	14617	207
CHINNOCK BROOK	ST 499127	14618	208
CARY	ST 509283	14619	209
YEO	ST 531591	14620	210
OAKLEY BROOK	ST 539206	14621	211
UN-NAMED TRIB. OF YEO	ST 556117	14622	212
UN-NAMED TRIB. OF SHEPPEY	ST 568471	14623	213
UN-NAMED TRIB. OF YEO	ST 575084	14624	214
WRIGGLE	ST 605072	14625	215
UN-NAMED TRIB. OF CAREY	ST 610298	14626	217
MELLS	ST 640496	14627	218
UN-NAMED TRIB. OF YEO	ST 654196	14628	219
CONYGRE BROOK	ST 666609	14629	220
SNAILS BROOK	ST 676517	14630	221
FROME	ST 689488	14631	222
UN-NAMED TRIB. OF BOW BROOK	ST 695245	14632	223
UN-NAMED TRIB. OF BRUE	ST 714373	14633	224
CALE	ST 719313	14634	225
LYDDEN	ST 736120	14635	226
DIVELISH	ST 773099	14636	227
STOUR	ST 773203	14637	228
MAIDEN BRADLEY BROOK	ST 787419	14638	229
AVON	ST 784624	14639	230
KEY BROOK	ST 828196	14640	231
UN-NAMED TRIB. OF CONGRESBURY YEO	ST 435659	14641	232
UN-NAMED	ST 496769	14642	233
UN-NAMED TRIB. OF AVON	ST 526740	14643	234
COLLITERS BROOK	ST 558695	14644	236
BOYD	ST 722770	14645	241
AVON	ST 784661	14646	244
LUCKINGTON BROOK	ST 814814	14647	246
GAUZE BROOK	ST 866814	14648	247
UN-NAMED TRIB. OF WYLYE	ST 874448	14649	248
UN-NAMED TRIB. OF AVON	ST 880727	14650	249
UN-NAMED TRIB. OF AVON	ST 886803	14651	250
UN-NAMED TRIB. OF AVON	ST 896777	14652	251
SEMINGTON BROOK	ST 899608	14653	252
UN-NAMED TRIB. OF SEMINGTON BROOK	ST 925545	14654	253
RODBOURNE BROOK	ST 930824	14655	254
UN-NAMED TRIB. OF AVON	ST 936785	14656	255
SUMMERHAM BROOK	ST 956603	14657	256
UN-NAMED TRIB. OF WYLYE	ST 976417	14658	257
UN-NAMED TRIB. OF AVON	ST 982678	14659	258
ABBERD BROOK	SU 012717	14660	259
WOODBRIDGE BROOK	SU 018852	14661	260
UN-NAMED TRIB. OF BRINKWORTH BROOK	SU 016797	14662	261
BRINKWORTH BROOK	SU 062811	14663	262

UN-NAMED TRIB. OF BRINKWORTH BROOK	SU 105800	14664	263
UN-NAMED TRIB. OF AVON	SU 112591	14665	264
AVON	SU 143588	14666	265
AVON	SU 171614	14667	266
AVON	SU 192602	14668	267
AVON	SU 151486	14669	268
BOURNE	SU 228585	14670	269
DELETED	SU 239???	14671	270
BERE STREAM	SY 806958	14672	278
PIDDLE	SY 914877	14673	280
WINTERBOURNE	SY 911983	14674	281
NADDER	ST 992305	14675	283
UN-NAMED TRIB. OF ALLEN	ST 995089	14676	286
DELETED	SZ 010936	14677	287
DELETED	SZ 036878	14678	289
UDDENS WATER	SU 045024	14679	290
UN-NAMED TRIB. OF MOORS RIVER	SU 053102	14680	291
UN-NAMED	SZ 071919	14681	292
STOUR	SZ 095960	14682	293
MOORS RIVER	SU 101027	14683	294
SWEATFORD WATER	SU 122170	14684	295
STOUR	SZ 134936	14685	296
AVON	SZ 139999	14686	297
ASHFORD WATER	SU 137141	14687	298
AVON	SU 146111	14688	299
DOCKENS WATER	SU 164085	14689	300
BOURNE	SU 161317	14690	301
MUDE	SZ 184934	14691	302
LINFORD BROOK	SU 194087	14692	303
UN-NAMED TRIB. OF AVON	SZ 195973	14693	304
BOURNE	SU 209395	14694	305
DOCKENS WATER	SU 225125	14695	306
YEO	SS 399223	14696	2901
YEO	SS 449229	14697	2903
DUNTZ	SS 438222	14698	2905
DUNTZ	SS 423183	14699	2906
YEO	SS 430229	14700	2902
TORRIDGE	SS 546114	14701	2907
TORRIDGE	SS 541145	14702	2937
TORRIDGE	SS 499187	14703	2939
TORRIDGE	SS 476198	14704	2908
LITTLE MERE	SS 526108	14705	2914
MERE	SS 524113	14706	2912
MERE	SS 548127	14707	2913
LITTLE MERE	SS 530096	14708	2974
TORRIDGE	SS 471208	14709	2940
BEAFORD BROOK	SS 526172	14710	2909
TORRIDGE	SS 518165	14711	2938
UN-NAMED TRIB. OF TORRIDGE	SS 491197	14712	2910
UN-NAMED TRIB. OF TORRIDGE	SS 477192	14713	2936
UN-NAMED TRIB. OF TORRIDGE	SS 504182	14714	2975
TORRIDGE	SS 538061	14715	2919
LEW	SS 490998	14716	2923
LEW	SS 517008	14717	2951
LEW	SS 538043	14718	2924

LEW	SS 532056	14719	2952
WALDON	SS 372103	14720	2948
WALDON	SS 412082	14721	2922
DIPPLE	SS 351175	14722	2920
PEL WORTHY BROOK	SS 525041	14723	2953
UN-NAMED TRIB. OF LEW	SS 529009	14724	2955
WAGAFORD WATER	SS 491017	14725	2956
LEW TRIB.	SX 507994	14726	2957
WALDON	SS 349109	14727	2921
TORRIDGE	SS 363162	14728	2944
TORRDIGE	SS 421097	14729	2945
WHITELEIGH WATER	SS 437062	14730	2961
SOCKINGTON WATER	SS 303186	14731	2962
UN-NAMED TRIB. OF WALDON	SS 411078	14732	2959
HALWORTHY WATER	SS 510031	14733	2976
EAST OKEMENT	SX 589947	14734	2931
WEST OKEMENT	SX 584942	14735	2932
OKEMENT	SX 599977	14736	2925
OKEMENT	SS 599000	14737	2926
OKEMENT	SS 583036	14738	2927
OKEMENT	SS 571059	14739	2966
HOLE BRROK	SS 585053	14740	2933
OKEMENT	SX 593966	14741	2964
WEST OKEMENT	SX 564919	14742	2969
WEST OKEMENT	SX 569936	14743	2972
OKEMENT	SX 565927	14744	2971
WEST OKEMENT	SX 557904	14745	2973
TAMAR	SS 280042	14746	12161
TAMAR	SS 278040	14747	12162
DELETED	SS 278040	14748	12163
SMALL BROOK	SS 307072	14749	1253
FAL	SS 299056	14750	1254
FAL	SW 917444	14751	1924
CARNON	SW 789396	14752	1978
GANNEL	SW 825593	14753	2403
NEWLYN EAST STREAM	SW 816594	14754	2405
GANNEL	SW 837585	14755	2407
GANNEL	SW 883584	14756	2410
UN-NAMED TRIB. OF GANNEL	SW 817611	14757	2414
UN-NAMED TRIB. OF ISSEY BROOK	SW 921712	14758	2507
PORTH STREAM	SW 859621	14759	2501
PORTH STREAM	SW 844623	14760	2502
PORTH STREAM	SW 836629	14761	2572
PORTH STREAM	SW 920614	14762	2573
PORTH STREAM	SW 909619	14763	2574
PORTH STREAM	SW 914618	14764	2575
PORTH STREAM	SW 900620	14765	2576
PORTH STREAM	SW 877622	14766	2571
DELETED	SW 865622	14767	2568
DELETED	SW 872623	14768	2569
UN-NAMED TRIB. OF PORTH RESR.	SW 874626	14769	2570
MENALHYL	SW 870662	14770	2503
MENALHYL	SW 908640	14771	2528
MENALHYL	SW 905641	14772	2529
MENALHYL	SW 852671	14773	2530

MENALHYL	SW 929650	14774	2578
UN-NAMED TRIB. OF MENALHYL	SW 926634	14775	2579
MENALHYL	SW 927640	14776	2580
DELETED	SW 909639	14777	2581
MENALHYL	SW 897645	14778	2582
GLUVIAN STREAM	SW 860670	14779	2583
MENALHYL	SW 936670	14780	2577
WYLYE	SU 105311	14781	6701
TILL	SU 070372	14782	6710
NADDER	ST 922270	14783	6804
NADDER	ST 947294	14784	6803
NADDER	ST 987299	14785	6802
NADDER	SU 097308	14786	6801
EBBLE	SU 043255	14787	6902
EBBLE	SU 164265	14788	6901
DEANS WATER	SU 167612	14789	6510
AVON	SU 160595	14790	6509
AVON	SU 155594	14791	6508
AVON	SU 136585	14792	6507
AVON	SU 133563	14793	6506
ETCHILHAMPTON WATER	SU 066605	14794	6513
AVON	SU 128559	14795	6512
AVON	SU 150490	14796	6505
AVON	SU 153476	14797	6504
AVON	SU 163434	14798	6503
AVON	SU 154412	14799	6502
AVON	SU 127327	14800	6501
AVON	SU 148292	14801	6413
AVON	SU 158287	14802	6412
AVON	SU 168285	14803	6411
AVON	SU 174269	14804	6410
AVON	SU 177209	14805	6409
AVON	SU 176188	14806	6408
AVON	SU 149140	14807	6407
AVON	SU 147131	14808	6406
AVON	SU 147117	14809	6405
AVON	SU 144092	14810	6404
AVON	SU 145051	14811	6403
AVON	SZ 150976	14812	6402
AVON	SZ 157944	14813	6401
WYLYE	ST 869411	14814	6709
WYLYE	ST 873428	14815	6708
WYLYE	ST 879440	14816	6707
WYLYE	ST 894440	14817	6706
WYLYE	ST 899435	14818	6705
WYLYE	ST 913424	14819	6704
WYLYE	SU 003383	14820	6703
WYLYE	SU 085344	14821	6702

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	20	Slope (m/km)	8	Flow category (1-10)	1
BGS Solid geology code	75	BGS Drift geology code	0	Planform category	2
Distance from source(km)	5.5	Significant tributary?	N	Navigation?	N
Height of source(m)	117	Water Quality class	1.5	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14501

Grid reference: SW 805457 River: KENWYN 21

Date: 30/09 /1997 Time: 17.25 Surveyor: DS Accred code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	6
Pools	0	Vegetated point bar	0

Output created by IFE, Warham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Badland/mixed woodland (BL)	/	/		E
Coniferous plantation (CP)				E
Orchard (OR)				
Farmland/heath (MH)				
Wetland (eg bog, marsh, fen)(WL)				
Open water (OW)	/	/		
Suburban/urban development (SU)	/	/		
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned	/	/
Vertical + toe	/	/	Reinforced - whole bank	/	/
Step >45	E	E	Reinforced - top only		
Grass/stone			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	-
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	X	X	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascades(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	-	X
Riffles(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	Mature island(s)	X	-
Glides(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	-	X
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	BR	EA	GA	CC	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	NO	RS	RI	RS	RS	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	SC	PB	NO	NO	SC

CHANNEL

Channel substrate	P	P	G	AR	G	P	P	CO	P	G
Flow type	SM	SM	SM	RP	RP	RP	UW	RP	SM	SM
Channel modification(s)	NO	NO	NO	CV	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	GA	CC	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	RS	RS	RI	RS	EM	NO	PC	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	BL	BL	*	BL	TH	BL	BL	TH	IG
LEFT BANK-TOP	S	S	S	B	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	B	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	B	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	B	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	BL	BL	*	TH	BL	TH	RP	TH	RP

G CHANNEL VEGETATION TYPES

NONE				/						
Liverworts/mosses/lichens				/		/	/			/
Emergent broad-leaved herbs				/		/	/			/
Emergent reeds/sedges/rushes				/		/	/			/
Floating-leaved (rooted)										
Free-floating										
Amphibious	/					/	/			/
Submerged broad-leaved	/	/	/	/	/	/	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae						/	/			/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.1	5.0	0.8
Banktop = Bankfull?	Water width (m)	Banktop = Bankfull?
N	3.75	Y
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.25	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments	I	
Sluices				Outfalls		
Culverts	I			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high	Natural open water	Carr	Floating mat
Braided/side channels	Water meadow	Marsh	Other
Debris dam	Fen	Flush	
Leafy debris			

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	14	Slope (m/km)	6.67	Flow category (1-10)	1
BGS Solid geology code	75	BGS Drift geology code	0	Planform category	2
Distance from source(km)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	75	Water Quality class	1.5	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14502

Grid reference: SW 893434 River: TREWITTHIN STREAM 25
 Date: 1/1 /1997 Time: 11.35 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes X

Bed of river visible? No Part. Entire X

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/> X	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	3
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned		
Vertical/undercut	/	/	Reinforced - whole bank		
Vertical + toe	/	/	Reinforced - top only		
Top >45	E	E	Reinforced - toe only		
Stable	/	/	Artificial two-stage		
Composite			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	-	X
Rapid(s)	X	-	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CL	CL	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	SB	SB	NO	NO	NO	NO	NO	PB
CHANNEL										
Channel substrate	P	P	P	P	CO	CO	P	P	BE	G
Flow type	SM	RP	RP	RP	SM	RP	UW	UW	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	EC	NO	NO	NO	NO	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	C	C	C	C	S	C	C	C	C	C
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	B	S	S	S	S	S	S
RIGHT BANK-TOP	C	C	C	C	S	C	C	C	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	TH	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/
NONE	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens				/				/	/
Emergent broad-leaved herbs				/					/
Emergent reeds/sedges/rushes									
Floating-leaved (rooted)									
Free-floating									
Amphibious									
Submerged broad-leaved				/					/
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

L CHANNEL DIMENSIONS

	CHANNEL	RIGHT BANK
LEFT BANK		
Banktop height(m)	0.75	Bankfull width (m) 6.0
Banktop = Bankfull?	Y	Banktop = Bankfull? N
Embanked height (m)	0.0	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

	Major	Intermediate	Minor	Major	Intermediate	Minor
None						
Weirs				Revetments		
Sluices				Outfalls		
Culverts	I			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

	Artificial open water	Bog	Fringing reed-bank
None	-	-	-
Waterfalls >5m high	-	-	-
Braided/side channels	-	-	-
Debris dam	X	-	-
Leafy debris	X	-	-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive X Diseased alders? None X Present Extensive

A BACKGROUND SIAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	6	Slope (m/km)	9	Flow category (I-III)	I
BGS Solid geology code	75	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	117	Water Quality class	0	RHS Segment type	J

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14503

Grid reference: SW 899418 River: RUAN 26

Date: 1/1 /1997 Time: 15.45 Surveyor: DS Accred. code: MN59

Adverse conditions?	No	X	Yes	-
Bed of river visible?	No	-	Part	-
Duplicate photographs, general character?	No	-	Yes	X
Surveyed from:	Left	-	Right	X
			Channel	X
SERCON survey in addition?	No	-	Yes	Y

C PREDOMINANT VALLEY FORM

-	shallow vee	-	concave/bowl
X	deep vee	-	symmetrical
-	gorge	-	asymmetrical

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	4
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Grassland/mixed woodland (BL)	/	/	Rough pasture (RP)	E	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

Artificial/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned	/	/
Vertical + toe			Reinforced - whole bank	/	/
Top >45			Reinforced - top only	/	/
Toe	/	/	Reinforced - toe only	/	/
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present E (>33%)	None	Present E (>33%)	None	Present E (>33%)
None	-	-	-	-	Shading of channel	-
Isolated/scattered	-	-	-	-	Overhanging boughs	X
Regularly spaced, single	-	-	-	-	Exposed bankside roots	X
Occasional clumps	X	-	-	-	Underwater tree roots	X
Semi-continuous	-	X	-	-	Fallen trees	X
Continuous	-	-	-	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

Channel Feature	None		Present E (>33%)	
	X	-	X	-
Waterfall(s)	X	-	-	-
Cascade(s)	X	-	-	-
Rapid(s)	X	-	-	-
Riffle(s)	-	X	-	-
Run(s)	-	X	-	-
Boil(s)	X	-	-	-
Glide(s)	-	-	X	-
Pool(s)	X	-	-	-
Ponded reach(es)	-	X	-	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	GA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	PB	NO	NO	PB	NO	NO	NO

CHANNEL

Channel substrate	P	G	P	G	P	P	P	G	G	P
Flow type	RP	SM	RP	RP	RP	RP	RP	SM	SM	CH
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	VS	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	RP	IG	BL	RP	RP	BL	RP	RP
LEFT BANK-TOP	U	U	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	U	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	SC	IG	RP	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE				/	/	-
Liverworts/mosses/lichens	/	/				/
Emergent broad-leaved herbs	/	/	/	/	/	/
Emergent reeds/sedges/rushes		E				/
Floating-leaved (rooted)						
Free-floating						
Amphibious	/					/
Submerged broad-leaved						
Submerged linear-leaved						
Submerged fine-leaved						
Filamentous algae						

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.75	Bankfull width (m)	5.0	Banktop height (m)	0.8
Banktop = Bankfull?	Y	Water width (m)	2.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated - X unknown -

Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs		2							1
Sluices									
Culverts									
Bridges									

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	X	Weed-cutting
	Enhancement	Other?		

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high	Natural open water	Carr	Floating mat
Braided/side channels	Water meadow	Marsh	Other
Debris dam	X	Fen	Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: HOUSING

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	38	Slope (m/km)	6.67	Flow category (1-10)	1
BGS Solid geology code	75	BGS Drift geology code	0	Ptatform category	2
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	103	Water Quality class	1.5	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14504

Grid reference: SW 899519 River: TRESILLIAN 27

Date: 30/09 /1997 Time: 14.25 Surveyor: DS Accred. code: MNS9

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee		symmetrical	<input checked="" type="checkbox"/>
gorge		asymmetrical	

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	12	Unvegetated point bar	4
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Wetland/mixed woodland (BL)	/			
Coniferous plantation (CP)				E
Orchard (OR)				
Woodland/heath (MH)				
Sub (SC)	/	/		
Herbs (TH)				E E
				Rock and scree (RS)

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank	/	/
Top >45	/	/	Reinforced - top only		
Stile		/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
			None	Present E (>33%)
None			Shading of channel	X
Isolated/scattered		X	Overhanging boughs	X
Regularly spaced, single			Exposed bankside roots	X
Occasional clumps	X		Underwater tree roots	X
Semi-continuous			Fallen trees	X
Continuous			Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		
			None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater	X
Cascade(s)	X		Exposed bedrock	X
Rapid(s)	X		Exposed boulders	X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X
Run(s)		X	Vegetated mid-channel bar(s)	X
Boil(s)	X		Mature island(s)	X
Slide(s)		X	Unvegetated side bar(s)	X
Pool(s)	X		Vegetated side bar(s)	X
Ponded reach(es)		X	Discrete silt deposit(s)	X
			Discrete sand deposit(s)	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	BR	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	RS RI	NO	NO	NO	NO
Bank feature(s)	PB	NO	NO	EC	NO	NO	EC	NO	NO	PB
CHANNEL										
Channel substrate	P	CO	CO	CO	CO	P	P	P	P	P
Flow type	UW	SM	SM	RP	RP	SM	SM	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	BR	EA	BR	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	RI	NO	RS RI	NO	NO	NO	NO
Bank feature(s)	EC	NO	NO	NO	NO	NO	VS	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	IG	TH	IG	IG	IG	SU	BL	BL	BL	BL
LEFT BANK-TOP	S	S	U	U	U	B	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	B	S	S	B	S	U	U	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SC	SC	SU	SC	IG	IG	IG	IG	IG
G CHANNEL VEGETATION TYPES										
NONE		/	/							
Liverworts/mosses/lichens	/		/	/	/	/	/	/	/	/
Emergent broad-leaved herbs				/		/	/	/	/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating					/					/
Amphibious				/	/	/	/	/	/	/
Submerged broad-leaved				/				/	/	/
Submerged linear-leaved										
Submerged fine-leaved				/				E	E	E
Filamentous algae				/	E	E	E	E	E	E

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.5	Bankfull width (m)	6.0	Banktop height (m)	0.65
Banktop = Bankfull?	N	Water width (m)	3.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trathline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments	1	
Sluices				Outfalls		
Cutverts	1			Fords		
Bridges		1		Deflectors		
				Other		

Is water impounded by weir/dam? No Yes: <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	Wood-cutting	X
	Enhancement	Other?		

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	X	Bog	Fringing reed-bank
Braided/side channels	Natural open water		Carr	Floating mat
Debris dam	Water meadow		Marsh	Other
Leafy debris	Fen		Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: HOUSING ROAD SLIDING

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	45	Slope (m/km)	13.33	Flow category (1-10)	1
BGS Solid geology code	75	BGS Drift geology code	0	Platform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	82	Water Quality class	1.5	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14505

Grid reference: SW 917407 River: CARNE STREAM 28

Date: 2/1 /1997 Time: 9.30 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/>	concave/bowl
deep vee	<input type="checkbox"/>	symmetrical
gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	9	Unvegetated point bar	0
Pools	0	Vegetated point bar	1

Outlet created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Woods/mixed woodland (BL)	/	/	E	/
Coniferous plantation (CP)				E
Orchard (OR)			/	
Woodland/heath (MH)				
Wetland (eg bog, marsh, fen)(XWL)				
Open water (OW)	E			
Suburban/urban development (SU)	/	/		
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/			
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top > 45	E	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None					Shading of channel	X	
Isolated/scattered					Overhanging boughs	X	
Regularly spaced, single					Exposed bankside roots	X	
Occasional clumps					Underwater tree roots	X	
Semi-continuous	X	X			Fallen trees	X	
Continuous					Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

Channel Feature	None		Present		E (>33%)		
	None	Present	None	Present	None	Present	E (>33%)
Waterfall(s)	X				Marginal deadwater		X
Cascade(s)	X				Exposed bedrock	X	
Rapid(s)	X				Exposed boulders	X	
Riffle(s)			X		Unvegetated mid-channel bar(s)	X	
Run(s)			X		Vegetated mid-channel bar(s)	X	
Boil(s)	X				Mature island(s)	X	
Glide(s)	X				Unvegetated side bar(s)	X	
Pool(s)	X				Vegetated side bar(s)	X	
Ponded reach(es)	X				Discrete silt deposit(s)	X	
					Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SC	SC	NO	SC	NO	SB	NO
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	P	P	P
Flow type	RP	RP	RP	RP	RP	UW	UW	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	RO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SC	SC	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	S	S	S	U	U
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										
	BL	IC	BL	TH	BL	BL	BL	RP	BL	IC
G CHANNEL VEGETATION TYPES										
NONE	/	/	/							
Liverworts/mosses/lichens				/	/		/			/
Emergent broad-leaved herbs						/			E	/
Emergent reeds/hedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious								/	/	/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae									/	E

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.75	Bankfull width (m)	3.0	Banktop height (m)	0.9
Banktop = Bankfull?	Y	Water width (m)	1.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
	Natural open water	Carri	Floating mat
	Water meadow	Marsh	Other
	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	28	Slope (m/km)	26.67	Flow category (1-10)	1
BGS Solid geology code	75	BGS Drift geology code	0	Planform category	1
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	89	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14506

Grid reference: SW 952412 River: UN-NAMED 31
Date: 2/1/1997 Time: 11.50 Surveyor: DGS Accred. code: MN59

Adverse conditions? No Yes
Bed of river visible? No Part. Entire
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Grass/mixed woodland (BL)				E
Coniferous plantation (CP)				
Orchard (OR)				
Wetland/heath (MH)				
Open water (OW)				
Suburban/urban development (SU)	/	/		E
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank	/	
p > 45	E	E	Reinforced - top only		
Steep	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		E
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X		Shading of channel		X
Isolated/scattered		X	Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots		X
Semi-continuous		X	Fallen trees		X
Continuous			Coarse woody debris		X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)		X	Marginal deadwater		
Cascade(s)		X	Exposed bedrock	X	
Rapid(s)		X	Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Slide(s)	X		Unvegetated side bar(s)		X
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	CC	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	RS	RI	NO	NO	NO	NO	NO	NO	RI
Bank feature(s)	NO	NO	NO	VS	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	BO	AR	BO	CO	CO	CO	CO	BO	BO	P
Flow type	CH	RP	UW	UW	BW	CH	UW	CH	CH	RP
Channel modification(s)	NO	CV	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	RO	NO	RO	NO	RO	NO	RO	NO
RIGHT BANK										
Material	EA	CC	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	RS	RI	NO	EM	EM	EM	EM	EM	EM
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	RP	RP	RP	RP	RP	RP	RP	RP	SU
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	B	S	S	S	S	S	S	S	B
LEFT BANK FACE	S	B	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	B	S	B	B	S	B	B	B	B
LAND USE WITHIN 5m OF BANK TOP (R)	SU	TH	SU	SU	SU	SU	SU	SU	SU	SU

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/	NV
NONE										
Liverworts/mosses/lichens		E	/	E		E	E	/	/	/
Emergent broad-leaved herbs		/	E		E			/	/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious		/	/	/	/	/	/	/	/	/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	E		E	/	/	E	E	E	E	E

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.7	Bank full width (m)	4.0	Banktop height (m)	0.7
Banktop = Bank full?	Y	Water width (m)	1.3	Banktop = Bank full?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	1.8

If trashing lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated unconsolidated Unknown
Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs			1	Revetments		1
Sluices				Outfalls		
Culverts	3			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
		Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None	<input checked="" type="checkbox"/>	Artificial open water	<input type="checkbox"/>	Bog	<input type="checkbox"/>	Friaging reed-bank	<input type="checkbox"/>
Waterfalls >5m high		Natural open water	<input type="checkbox"/>	Carr	<input type="checkbox"/>	Floating mat	<input type="checkbox"/>
Branded/side channels		Water meadow	<input type="checkbox"/>	Marsh	<input type="checkbox"/>	Other	<input type="checkbox"/>
Debris dam		Fen	<input type="checkbox"/>	Flush	<input type="checkbox"/>		<input type="checkbox"/>

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: HOUSING
Land Management:
Animals: DRAGON/DAMSELFLIES
Other significant observations: Continuous riffle.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14507

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	21	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	75	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	95	Water Quality class	1.5	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14507

Grid reference: SW 995436 River: UN-NAMED 32

Date: 6/1 /1997 Time: 14.20 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	12	Unvegetated point bar	5
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

E. NO. 14507 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14507

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
heath/mixed woodland (BL)	E	E	Rough pasture (RP)		/
coniferous plantation (CP)			Improved/semi-improved grass (IG)		/
Orchard (OR)			Tilled land (TL)		
land/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
b (SC)	/	/	Open water (OW)		
herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
natural/unmodified					
vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
top >15	E	E	Reinforced - top only		
le	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		/
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present	None	Present	None	Present E (>33%)
None					Shading of channel	X
Isolated/scattered					Overhanging boughs	X
Regularly spaced, single					Exposed bankside roots	X
Occasional clumps					Underwater tree roots	X
Semi-continuous		X			Fallen trees	X
Continuous	X				Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None		Present E		None		Present E (>33%)	
	X		X		X		X	
Waterfall(s)	X				Marginal deadwater		X	
Cascade(s)	X				Exposed bedrock	X		
Rapid(s)	X				Exposed boulders	X		
Riffle(s)			X		Unvegetated mid-channel bar(s)	X		
Run(s)			X		Vegetated mid-channel bar(s)	X		
Boil(s)	X				Mature island(s)	X		
Slide(s)		X			Unvegetated side bar(s)	X		
Pool(s)	X				Vegetated side bar(s)	X		
Ponded reach(es)		X			Discrete silt deposit(s)	X		
					Discrete sand deposit(s)	X		

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14507

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	PC	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	EC	NO
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	P	P	P
Flow type	RP	RP	RP	UW	SM	RP	RP	RP	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	MB	NO	NO	NO	NO
RIGHT BANK										
Material	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL
Bank modification(s)	NO	NO	NO	NO	NO	EM	EM	EM	EM	EM
Bank feature(s)	NO	NO	SB	NO	SB	NO	SC	NO	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	BL	SC	BL	SC	BL	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	B	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	IG	IG	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/
NONE									
Liverworts/mosses/lichens									
Emergent broad-leaved herbs	/		/						/
Emergent reeds/sedges/rushes		/							/
Floating-leaved (rooted)									
Free-floating									
Amphibious	/								/
Submerged broad-leaved									
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

1997 RIVER HABITAT SURVEY page 4 of 4 14507

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	2.7	Banktop height (m)	0.8
Banktop = Bankfull ?	N	Water width (m)	1.5	Banktop = Bankfull ?	Y
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	0.0

If trashing lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	2			Revetments		
Stuices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Carr
Debris dam	X	Water meadow		Marsh
Leafy debris	X	Fen		Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	5	Slope (m/km)	6.67	Flow category (1-10)	1
BGS Solid geology code	75	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	78	Water Quality class	1.5	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14508

Grid reference: SX 11452 River: MEVAGISSEY STREAM 33

Date: 6/1 /1997 Time: 16.55 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 3 Unvegetated point bar 0

Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
adical/mixed woodland (BL)	/	/	Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		/
Orchard (OR)			Tilled land (TL)		
Wetlands/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)	E	
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Reactioned		/
Vertical/undercut			Reinforced - whole bank	E	E
Vertical + toe			Reinforced - top only		
Depth > 45	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	X	
Isolated/scattered	X		Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps		X	Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater	X	
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	NV	EA	EA	EA	NV	BR	BR	BR	SP	NV
Bank modification(s)	RS RI	NO	NO	NO	RS RI	RS RI	RS RI	RS RI	RS RI	RS RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	AR	CL	CL	P	AR	CO	CO	SI	CO	AR
Flow type	*	RP	RP	RP	*	RP	SM	SM	RP	*
Channel modification(s)	CV	NO	NO	NO	CV	NO	NO	NO	NO	CV
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	RO

RIGHT BANK

Material	NV	EA	EA	EA	NV	BR	EA	EA	BR	NV
Bank modification(s)	RS RI	NO	NO	NO	RS RI	RS RI	RS	RS	RS RI	RS RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	*	IG	BL	IG	*	IG	SU	SU	SU	*
LEFT BANK-TOP	*	S	S	S	*	S	S	B	B	*
LEFT BANK FACE	*	S	S	S	*	S	S	B	B	*
RIGHT BANK FACE	*	S	S	S	*	S	S	S	S	*
RIGHT BANK-TOP	*	S	S	S	*	S	S	S	S	*
LAND USE WITHIN 5m OF BANK TOP (R)	*	IG	BL	RP	*	IG	IG	IG	TH	*

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens										/
Emergent broad-leaved herbs		E	E	/	/					/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.8	Bankfull width(m) 9.0
Banktop = Bankfull?	Y	Banktop = Bankfull? Y
Embanked height(m)	0.0	Water depth(m) 0.1
If trashline lower than break in slope, indicate: height above water(m) = 0.0		
Bed material at site is: consolidated - unconsolidated X unknown -		
Location of measurement is: riffle X run or glide - other -		

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments	1	
Sluices				Outfalls		
Culverts	2			Fords		
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None					
Waterfalls >5m high		Artificial open water		Bog	Fringing reed-bank
Braided/side channels		Natural open water		Carr	Floating mat
Debris dam		Water meadow		Marsh	Other
Leafy debris	E	Fen		Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD HOUSING INDUSTRY
Land Management: PARKLAND
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	14	Slope (m/km)	5	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	5	Planform category	6
Distance from source(km)	4.5	Significant tributary?	N	Navigation?	N
Height of source(m)	121	Water Quality class	1.5	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14509

Grid reference: SX 58527 River: CRINNIS STREAM 37
 Date: 7/1 /1997 Time: 9.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by JFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	L	R	Rough pasture (RP)	L	R
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		E
Orchard (OR)			Tilled land (TL)		
Grassland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)	E	
			Rock and scree (RS)		

BANK PROFILES

General/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Resectioned	E	E
Vertical + toe			Reinforced - whole bank	/	/
Toe >45			Reinforced - top only		
Toe <45			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X		Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps		X	Underwater tree roots		X
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater	X	
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders		X
Riffle(s)			Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	EC	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	G	G	G	G	P	P	CO	P	P	CO
Flow type	RP	RP	RP	RP	UW	UW	CH	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	RO	NO	NO	NO	NO

RIGHT BANK

Material	BR	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	EC	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SU	SU	SU	SU	SU	SU	SU	SU	SU	SU
LEFT BANK-TOP	B	B	B	B	B	B	B	B	B	B
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	C	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	IG	BL	TH	BL	BL	BL	BL	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens		/	/		/					/
Emergent broad-leaved herbs	/	/		/	/					/
Emergent reeds/sedges/rushes	/			/	/					/
Floating-leaved (rooted)										
Free-floating										
Amphibious	/	/	/	/	/	/	/	/	/	/
Submerged broad-leaved								/	/	/
Submerged linear-leaved	/	/	/	/	/	/	/	/	/	/
Submerged fine-leaved	/		/	/	/	/	E	/	/	/
Filamentous algae								/	/	/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	2.0	Bankfull width (m)	9.0	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	2.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		1
Shafts				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None
 Waterfalls >5m high Artificial open water Bog Fringing reed-bank
 Braided/side channels Natural open water Carr Floating mat
 Debris dam Water meadow Marsh Other
 Leafy debris Fen Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ABSTRACTION INDUSTRY
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	5	Slope (m/km)	1.71	Flow category (1-10)	6
BGS Solid geology code	76	BGS Drift geology code	5	Platform category	3
Distance from source(km)	35	Significant tributary?	N	Navigation?	N
Height of source(m)	289	Water Quality class	1	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14510

Grid reference: SX 106606 River: FOWEY 38

Date: 7/1 /1997 Time: 12.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/>	concave/bowl
deep vee	<input type="checkbox"/>	symmetrical
gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	4	Unvegetated point bar	1
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Decid/mixed woodland (BL)	/	/		
Coniferous plantation (CP)			E	E
Orchard (OR)				
Grassland/heath (MH)				
Wetland (eg bog, marsh, fen)(WL)				
Open water (OW)				
Suburban/urban development (SU)	/			
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Slope >45	/	/	Reinforced - top only		
Stable	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous	X	X	Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Manure island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reaches	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	PB	NO	SC	SC	SC	NO	NO

CHANNEL										
Channel substrate	P	P	P	P	P	CO	CO	CO	CO	P
Flow type	RP	SM	SM	RP	RP	RP	RP	RP	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	MI	MI	MI	NO	MB

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SB	SC	SC	VS	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TH	TH	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE		/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens			E		E	E	/	E		/
Emergent broad-leaved herbs					/	/			/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious					/	/		/	/	/
Submerged broad-leaved			/	/	/	/		/	/	/
Submerged linear-leaved	/									/
Submerged fine-leaved	/	/	/	/	/	/		/	/	/
Filamentous algae					/	/		/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	2.0	Bankfull width (m)	13.0	Banktop height (m)	1.75
Banktop = Bankfull?	N	Water width (m)	10.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.5	Embanked height (m)	0.0

If trashes lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input type="checkbox"/>	Waterfalls >5m high <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
	Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
	Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
	Leafy debris <input type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhinodendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals: DRAGON DAMSELFLIES
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14511

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	10	Slope (m/km)	12.5	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	7	Significant tributary?	N	Navigation?	N
Height of source(m)	121	Water Quality class	1.5	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14511

Grid reference: SX 144524 River: PONT CILL 39

Date: 7/1 /1997 Time: 14.53 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/>	concave/bowl
deep vee	<input type="checkbox"/>	symmetrical
gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	0
Pools	0	Vegetated point bar	2

Output created by IFE, Wareham on 09/02/1998

NO. 14511 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14511

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	E	/	Rough pasture (RP)		
Cultiferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)	/	/	Suburban/urban development (SU)	/	E
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Artificial/modified		
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank	E	E
Top > 45	/	/	Reinforced - top only		
Reinforced			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous	X	X	Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)	X		Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)	X		Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14511

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BR	BR	BR	BR	EA	EA	BR	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	NO	RS	RI	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	VS	NO	NO	VP	NO
CHANNEL										
Channel substrate	P	CO	P	AR	G	CO	BO	P	BO	BO
Flow type	RP	RP	UW	RP	RP	RP	SM	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	RO
RIGHT BANK										
Material	BR	BR	BR	BR	EA	EA	BR	EA	BR	EA
Bank modification(s)	RS	RS	RS	RS	RS	NO	RS	RI	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IC	IC	IC	BL	BL	BL	BL	BL	BL	BL	SC
LEFT BANK-TOP	U	U	U	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	B	B
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	TH	TH	TH	TH	IG	IG	SU	SU	

G CHANNEL VEGETATION TYPES

NONE											
Liverworts/mosses/lichens	/	/		/	/	/	/	/	/	/	E
Emergent broad-leaved herbs			/	/		/	/	/	/	/	/
Emergent reeds/hedges/ushes											
Floating-leaved (rooted)											
Free-floating			/	/	/	/	/	/	/	/	/
Amphibious					/	/	/	/	/	/	/
Submerged broad-leaved											
Submerged linear-leaved			/	/	/	/	/	/	/	/	/
Submerged fine-leaved	/	/	E	E	E	E	E	E	E	E	E
Filamentous algae	/	/	/	/	/	/	/	/	/	/	/

1997 RIVER HABITAT SURVEY page 4 of 4 14511

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	0.2	Banktop height (m)	0.8
Banktop = Bankfull?	N	Water width (m)	3.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments	1	
Sluices				Outfalls		
Culverts				Fords		
Bridges	1			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD HOUSING

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	210	Slope (m/km)	40	Flow category (1-10)	3
BGS Solid geology code	34	BGS Drift geology code	0	Planform category	2
Distance from source(km)	13	Significant tributary?	N	Navigation?	N
Height of source(m)	290	Water Quality class	1.5	RHS Segment type	9

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14512

Grid reference: SX 180705 River: ST. NEOT 40

Date: 13/1 /1997 Time: 17.10 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

-	shallow vee	-	concave/bowl
X	deep vee	-	symmetrical
-	gorge	-	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Outpost created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	/	/	Rough pasture (RP)	E	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Farmland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)	/	/

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified	/	/	Resectioned		
Vertical + toe			Reinforced - whole bank		
>45	E	E	Reinforced - top only		
Reinforced			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES		ASSOCIATED FEATURES	
None	-	Shading of channel	-
Isolated/scattered	-	Overhanging boughs	-
Regularly spaced, single	-	Exposed bankside roots	X
Occasional clumps	-	Underwater tree roots	-
Semi-continuous	X	Fallen trees	-
Continuous	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	-	X	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	X	-	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BO	EA	BO	EA	BE	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	BO	BO	BO	BE	BE	BE	BE	BE	BE	BE
Flow type	SM	SM	RP	SM	SM	CH	SM	CH	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	NO	RO	NO	RO	RO	RO	RO	RO	NO
RIGHT BANK										
Material	BO	BO	EA	EA	EA	EA	EA	BO	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	RP	BL	BL	RP	BL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	E	/	/
Emergent broad-leaved herbs	/									/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae				/						/

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK
Banktop height(m)	60.0	Bankfull width (m)	9.0	Banktop height (m)
Banktop = Bankfull?	N	Water width (m)	4.0	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.35	Embanked height (m)

If trashline lower than break in slope, indicate: height above water(m) = 1.5

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs				Revetments		
Stuices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Waterfalls >5m high	-	Natural open water	-	Carr	-	Floating mat	-
Braided/side channels	-	Water meadow	-	Marsh	-	Other	-
Debris dam	X	Fen	-	Flush	-		-

F CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	240	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	53	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	228	Water Quality class	1.5	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14513

Grid reference: SX 170866 River: INNY 47

Date: 13/1 /1997 Time: 14.30 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/>	concave/bowl
deep vee	<input type="checkbox"/>	symmetrical
gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	4

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Blueleaf/mixed woodland (BL)			Rough pasture (RP)	E	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

Vertical/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
>45	E	E	Reinforced - top only		
le	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X	X	Shading of channel	X	-
Isolated/scattered	-	-	Overhanging boughs	X	-
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	-	X	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	SC	NO	NO	NO	NO

CHANNEL

Channel substrate	P	P	P	P	P	P	P	P	CO	P
Flow type	RP	RP	UW	UW	SM	RP	SM	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	RP	IG	IG	IG	IG	SC
LEFT BANK-TOP	S	S	S	S	S	S	U	U	U	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	U	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	TH	TH	IG	TH	RP	RP

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/		/	/					/
Floating-leaved (rooted)	/	/								/
Free-floating										
Amphibious	/	/	/	/	/	/	/	/	/	/
Submerged broad-leaved	/	/	/	/	E	/	E	/	E	E
Submerged linear-leaved	/									/
Submerged fine-leaved	/	/	/	/	/	/	/	/	/	/
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	0.75	Bankfull width (m)	3.0	Banktop height (m)	0.75
Banktop = Bankfull?	Y	Water width (m)	3.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.45	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1			Revetments	1	
Sluices				Outfalls		
Culverts				Fords		
Bridges	1			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	X				
Waterfalls >5m high	-	Artificial open water	-	Bog	-
Braided/side channels	-	Natural open water	-	Carr	-
Debris dam	-	Water meadow	-	Marsh	-
Leafy debris	-	Fen	-	Flush	-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	11	Slope (m/km)	26.7	Flow category (1-10)	2
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	6
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	127	Water Quality class	1.5	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14514

Grid reference: SX 206511 River: POLPERRO 48

Date: 7/1 /1997 Time: 17.35 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	6	Unvegetated point bar	0
Pools	0	Vegetated point bar	3

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)			Rough pasture (RP)		
Continuous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)	E	E
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut			Reinforced - whole bank	E	E
Vertical + toe			Reinforced - top only		
Toe > 45			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X	X	Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock		X
Rapid(s)	X		Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CC	BR	BR	NV	NV	BR	BR	BR	BR	BR
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NV	NV	NO	NO	NO	NO	NO

CHANNEL	CO	BE	BE	NV	NV	CO	CO	CO	CO	CO
Channel substrate	CO	BE	BE	NV	NV	CO	CO	CO	CO	CO
Flow type	CH	RP	RP	NV	NV	RP	RP	RP	UW	SM
Channel modification(s)	RS	RS	RS	CV	CV	RS	RS	RS	RS	RS
Channel feature(s)	NO	NO	RO	NV	NV	RO	NO	NO	NO	NO

RIGHT BANK	CC	BR	BR	NV	NV	BR	BR	BR	BR	BR
Material	CC	BR	BR	NV	NV	BR	BR	BR	BR	BR
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NV	NV	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SU	SU	SU	*	*	SU	SU	SU	SU	SU
LEFT BANK-TOP	B	B	B	*	*	B	B	B	S	B
LEFT BANK FACE	B	B	S	*	*	S	B	S	S	B
RIGHT BANK FACE	B	B	S	*	*	S	B	S	B	B
RIGHT BANK-TOP	B	B	B	*	*	B	B	B	B	B
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	SU	*	*	SU	SU	SU	SU	SU

G CHANNEL VEGETATION TYPES

NONE	/			NV	NV	/		--	
Liverworts/mosses/lichens		/	/		/	/	/	/	/
Emergent broad-leaved herbs					/	/	/	/	/
Emergent reeds/sedges/rushes									
Floating-leaved (rooted)									
Free-floating									
Amphibious									
Submerged broad-leaved									
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae			/		/		/	/	/

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)			Rough pasture (RP)		
Continuous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)	E	E
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut			Reinforced - whole bank	E	E
Vertical + toe			Reinforced - top only		
Toe > 45			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X	X	Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock		X
Rapid(s)	X		Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.7	Bankfull width (m)	1.75	Banktop height (m)	1.7
Banktop = Bankfull?	Y	Water width (m)	1.75	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	3			Revetments	1	
Sluices				Outfalls		
Culverts	1			Fords		
Bridges		12		Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input checked="" type="checkbox"/>	Waterfalls >5m high <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
	Branded/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
	Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
	Leafy debris <input type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD HOUSING INDUSTRY

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	75	Slope (m/km)	5	Flow category (1-11)	1
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4.5	Significant tributary?	N	Navigation?	N
Height of source(m)	128	Water Quality class	1.5	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14515

Grid reference: SX 215626 River: WEST LOOE 50
 Date: 14/1 /1997 Time: 12.45 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	3
Pools	0	Vegetated point bar	3

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Scrub/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		/
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top >45		E	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	-	Fallen trees	-	X
Continuous	-	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	-	X	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	-	X
Rapid(s)	-	X	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	-	-	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	-	X
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	CL	CL	CL	CL	CL
Bank modification(s)	NO	NO	NO	NO	NO	NO	PC	NO	NO	NO
Bank feature(s)	NO	NO	EC	NO	NO	EC	NO	EC	EC	SC

CHANNEL

Channel substrate	P	P	CO	CO	P	P	P	P	P	GP
Flow type	RP	UW	RP	RP	RP	RP	SM	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	EM	NO	NO
Bank feature(s)	NO	NO	VP	NO	SC	NO	NO	SB	VP	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	B	B	B	B	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	BL	TH

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/licheas	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs			/						/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved									/	/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.9	Bankfull width (m)	5.0	Banktop height (m)	1.0
Banktop = Bankfull?	Y	Water width (m)	3.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated unconsolidated Unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input type="checkbox"/>	Waterfalls >5m high <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
	Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carri <input type="checkbox"/>	Floating mat <input type="checkbox"/>
	Debris dam <input checked="" type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
	Leafy debris <input checked="" type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, 6 = sycore)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	26	Slope (m/km)	3.3	Flow category (1-10)	4
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	10	Significant tributary?	N	Navigation?	N
Height of source(m)	128	Water Quality class	1.5	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14516

Grid reference: SX 229558 River: EAST LOOE S1
Date: 14/1 /1997 Time: 9.35 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
Bed of river visible? No Part. Entire.
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
X deep vee symmetrical
gorge asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 6 Unvegetated point bar 4
Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

Bank profile	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank	/	/
Vertical >45	/	/	Reinforced - top only		
Vertical toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots		X
Occasional clumps			Underwater tree roots		X
Semi-continuous			Fallen trees	X	
Continuous	X	X	Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

Channel feature	None	Present E (>33%)	Channel feature	None	Present E (>33%)
Waterfall(s)	X		Marginal dead-water		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)	X		Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)	X		Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)		X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CC	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RI	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SC	SC	SC	NO	SC	NO	NO	SC
CHANNEL										
Channel substrate	P	P	P	P	CO	P	CO	CO	CO	P
Flow type	RP	RP	RP	RP	RP	RP	RP	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	EC	EC	EC	EC	NO	PB	NO	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	1	2	3	4	5	6	7	8	9	10
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										
BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

Vegetation type	1	2	3	4	5	6	7	8	9	10
NONE	/			/	/			/	--	
Liverworts/mosses/lichens	/	/			/	/		/	/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.15	Bankfull width (m)	9.5	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	6.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.5	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		1
Stuices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None					
Waterfalls >5m high		Artificial open water		Bog	Fringing reed-bank
Braided/side channels		Natural open water		Carr	Floating mat
Debris dam	X	Water meadow		Marsh	Other
Leafy debris		Fen		Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Burrows in banks could be water voles.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	139	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	80	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	248	Water Quality class	1.5	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14517

Grid reference: SX 139871 River: KENSEY 52
 Date: 14/1 /1997 Time: 11.17 Surveyor: JP Accred code: MN61

Adverse conditions? No Yes X
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left Right Channel X
 SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/>	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/>	<input type="checkbox"/>	symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/>	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	4
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		/
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Depth >45			Reinforced - top only		
Toe		/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None					Shading of channel	X	
Isolated/scattered					Overhanging boughs	X	
Regularly spaced, single					Exposed bankside roots	X	
Occasional clumps	X	X			Underwater tree roots	X	
Semi-continuous					Fallen trees		
Continuous					Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None		Present		E (>33%)		
	None	Present	None	Present	None	Present	E (>33%)
Waterfall(s)	X				Marginal deadwater		X
Cascade(s)	X				Exposed bedrock		X
Rapid(s)	X				Exposed boulders		X
Riffle(s)					Unvegetated mid-channel bar(s)	X	
Run(s)			X		Vegetated mid-channel bar(s)	X	
Bank(s)	X				Mature island(s)		X
Slide(s)		X			Unvegetated side bar(s)		X
Pool(s)	X				Vegetated side bar(s)	X	
Ponded reach(es)		X			Discrete silt deposit(s)	X	
					Discrete sand deposit(s)		X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	NO	NO	NO	EC	NO	NO	EC	SB	NO
CHANNEL										
Channel substrate	P	P	NV	G	P	CO	GP	CO	GP	P
Flow type	SM	SM	RP	SM	RP	UW	SM	UW	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	TR	NO	NO	NO	NO	NO	MI	RO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	PC	PC	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	NO	NO	PB	EC	NO	SC	NO	PB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IC	IG	IG	IG	IG	IG	IG	IG	IG	*
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	*
LEFT BANK-TOP	U	U	U	U	U	U	U	U	U	*
LEFT BANK FACE	S	S	S	U	S	S	S	B	S	*
RIGHT BANK FACE	S	S	S	U	S	S	S	S	S	*
RIGHT BANK-TOP	U	B	U	U	U	S	S	S	U	*
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	TL	*

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/	/
NONE										
Liverworts/mosses/lichens	/	/		/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/				/			/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious			/							/
Submerged broad-leaved			/							/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.5	Bankfull width (m)	3.5	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	3.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.15
 Bed material at site is: consolidated unconsolidated Unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	3	
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Branded/side channels		Natural open water		Carr
Debris dam	X	Water meadow		Marsh
Leafy debris		Fen		Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: High flow.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	260	Slope (m/km)	13.3	Flow category (1-10)	1
BGS Solid geology code	34	BGS Drift geology code	3	Planform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	298	Water Quality class	1.5	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14518

Grid reference: SX 242742 River: WITHEY BROOK 53

Date: 18/1/1997 Time: 13.25 Surveyor: DS Accred code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/>	shallow vee	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/>	deep vee	<input type="checkbox"/>	symmetrical
<input type="checkbox"/>	gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	0
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Leaf/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		/
Orchard (OR)	E	E	Tilled land (TL)		
Land/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tan herba (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Side	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present	E (>33%)
None	X		Shading of channel	X		
Isolated/scattered		X	Overhanging boughs	X		
Regularly spaced, single			Exposed bankside roots	X		
Occasional clumps			Underwater tree roots	X		
Semi-continuous			Fallen trees	X		
Continuous			Coarse woody debris	X		

K EXTENT OF CHANNEL FEATURES

	None	Present	E	Marginal deadwater	None	Present	E (>33%)
Waterfall(s)		X				X	
Cascade(s)		X		Exposed bedrock	X		
Rapid(s)			X	Exposed boulders		X	
Riffle(s)		X		Unvegetated mid-channel bar(s)	X		
Run(s)			X	Vegetated mid-channel bar(s)		X	
Boil(s)	X			Mature island(s)	X		
Glide(s)		X		Unvegetated side bar(s)	X		
Pool(s)	X			Vegetated side bar(s)	X		
Ponded reach(es)		X		Discrete silt deposit(s)	X		
				Discrete sand deposit(s)		X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	BO	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	CO	BO	CO	CO	BO	P	G	P	P
Flow type	SM	BW	CH	RP	BW	UW	BW	SM	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SC	SC	MH	MH	MH	MH	MH	MH	MH	MH
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	MH	MH	MH	MH	MH	MH	MH	MH	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	E	E	E	/	E	E	E	E	/	E
Emergent broad-leaved herbs				/						
Emergent reeds/sedges/rushes								/		/
Floating-leaved (rooted)	/			/	/	/	/	/	/	/
Free-floating										
Amphibious	/	/	/	/	/	/	/	/	/	/
Submerged broad-leaved	/	/	/	E	/	/	/	E	E	/
Submerged linear-leaved										
Submerged fine-leaved	/	/	/	/	/	/	/	/	E	/
Filamentous algae			/							/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.25	Bankfull width (m)	2.0	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	1.25	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
	Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None <input type="checkbox"/>	Waterfalls >5m high	<input type="checkbox"/>	Artificial open water	<input type="checkbox"/>	Bog	<input checked="" type="checkbox"/>	Fringing reed-bank	<input type="checkbox"/>
	Braided/side channels	<input type="checkbox"/>	Natural open water	<input type="checkbox"/>	Carr	<input type="checkbox"/>	Floating mat	<input type="checkbox"/>
	Debris dam	<input type="checkbox"/>	Water meadow	<input type="checkbox"/>	Marsh	<input type="checkbox"/>	Other	<input type="checkbox"/>
	Leafy debris	<input type="checkbox"/>	Fen	<input type="checkbox"/>	Flush	<input type="checkbox"/>		<input type="checkbox"/>

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = ivy)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	83	Slope (m/km)	4	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	9	Significant tributary?	N	Navigation?	N
Height of source(m)	145	Water Quality class	2	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14519

Grid reference: SX 261894 River: CAUDWORTHY WATER 54
 Date: 14/1 /1997 Time: 0.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes X
 Bed of river visible? No Part. X Entire.
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left X Right Channel X
 SERCON survey in addition? No Yes Y

PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	X	symmetrical
gorge		asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	CL	CL	CL	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	NO	EC	SC	NO	SC	NO	NO	NO

CHANNEL

Channel substrate	CO	GP	GP	P	GP	GP	GP	SA	GP	NV
Flow type	SM	SM	RP	UW	SM	SM	NP	NP	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	CL	EA	CL	CL	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	NO	EC	SC	PB	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	SC	IG	BL	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	S	S	S	C	U	U	U	S	U
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	B	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	U	U	U	U	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	RP	RP	RP	RP	RP	RP	RP	IG	RP

G CHANNEL VEGETATION TYPES

NONE										NV	NV	NV
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/			/
Emergent broad-leaved herbs										/		/
Emergent reeds/sedges/rushes		/										/
Floating-leaved (rooted)												
Free-floating												
Amphibious												
Submerged broad-leaved												
Submerged linear-leaved						/						/
Submerged fine-leaved												
Filamentous algae												

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)	/		Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	/
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	/
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	X	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Manure island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	-	X

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.25	Bankfull width (m)	4.5	Banktop height (m)	1.25
Banktop = Bankfull?	Y	Water width (m)	4.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.5	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated X unknown

Location of measurement is: riffle - run or glide X other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high	Natural open water	Carr	Floating mat
Braided/side channels	Water meadow	Marsh	Other
Debris dam X	Fen	Flush	X

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: High flow.

S ALDERS

Alders? None - Present - Extensive X Diseased alders? None X Present - Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	46	Slope (m/km)	5	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	5	Planform category	2
Distance from source(km)	11	Significant tributary?	N	Navigation?	N
Height of source(m)	150	Water Quality class	2	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14520

Grid reference: SX 286618 River: SEATON 57

Date: 14/1 /1997 Time: 15.05 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 8 Unvegetated point bar 5

Pools 0 Vegetated point bar 1

Output created by IFE, Wareham on 09/02/1998

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	CL	CL	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	SC	NO	PB	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	P	P	P	P	P	P	CO	P	CO	P
Flow type	RP	RP	RP	RP	RP	SM	RP	SM	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	CL	EA	CL	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RI	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	SC	NO	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)

IG	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
S	S	S	S	S	U	S	S	S	S	S
S	S	S	S	S	S	S	S	S	S	S
S	S	S	S	S	S	S	S	S	S	S
U	S	S	S	S	S	S	S	S	S	S

LAND USE WITHIN 5m OF BANK TOP (R)

IG	IG	IG	IG	IG	IG	IG	IG	IG	TH	IG
----	----	----	----	----	----	----	----	----	----	----

G CHANNEL VEGETATION TYPES

NONE	/									
Liverworts/mosses/lichens	/	/	E	/	/	/	/	/	/	E
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious		/	/							/
Submerged broad-leaved						P				/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Callow/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)	/		Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top > 45	/	E	Reinforced - top only		P
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	X	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	-	X	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	X	-	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.0	7.25	/ / 1.0
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? Y
	5.25	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.15	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high	Natural open water	Carr	Floating mat
Braided/side channels	Water meadow	Marsh	Other
Debris dam	X	Fen	Flush
Leafy debris	X		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	76	Slope (m/km)	5	Flow category (1-10)	5
BGS Solid geology code	78	BGS Drift geology code	5	Platform category	2
Distance from source(km)	17	Significant tributary?	N	Navigation?	N
Height of source(m)	248	Water Quality class	1.5	RHS Segment type	2

B FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14521

Grid reference: SX 304788 River: TAMAR 58

Date: 15/1 /1997 Time: 16.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes X

Bed of river visible? No Part. X Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee	concave/bowl
X deep vee	symmetrical
gorge	asymmetrical

Terraced valley? No X Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)	/	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)		/	Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	X	X	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	X	-
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	Mature island(s)	-	X
Glidet(s)	X	-	Unvegetated side bar(s)	X	-
Point(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	-
			Discrete sand deposit(s)	-	-

Spot check 1 is at: upstream end downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	EC	NO
CHANNEL										
Channel substrate	BO	BO	BO	BO	NV	NV	CO	NV	CO	NV
Flow type	RP	CH	RP	BW	RP	RP	RP	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	RO	RO	NO	MI	NO	RO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	SC	NO	SC	NO	EC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	BL	BL	BL	BL	IG
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	SC	BL

G CHANNEL VEGETATION TYPES

NONE	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/					/				/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious	/									/
Submerged broad-leaved	/									/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.2	Bankfull width (m)	11.25	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	11.25	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.5	Embanked height (m)	0.0

If (trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown X

Location of measurement is: riffle run or glide X other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1			Revetments		
Shoices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site X >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None X	Artificial open water	Bog	Fringing reed-bank
	Natural open water	Carr	Floating mat
	Water meadow	Marsh	Other
	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = ivy)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	65	Slope (m/km)	3.33	Flow category (1-10)	5
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	22	Significant tributary?	N	Navigation?	N
Height of source(m)	255	Water Quality class	1.5	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14522

Grid reference: SX 319873 River: OTTERY 59
 Date: 14/1/1997 Time: 9.05 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes X
 Bed of river visible? No Part. X Entire.
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left Right X Channel X
 SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee X symmetrical
 gorge asymmetrical
 Terraced valley? No Yes X

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 2 Unvegetated point bar 0
 Pools 0 Vegetated point bar 3

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	I.	R
Grass/mixed woodland (BL)			Rough pasture (RP)	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E F.
Orchard (OR)			Tilled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)			Open water (OW)	
Suburban/urban development (SU)			Suburban/urban development (SU)	E /
Rock and scree (RS)			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Artificial/modified		
Vertical/undercut	/	E	Resectioned		
Vertical + toe			Reinforced - whole bank	E	/
Top > 45			Reinforced - top only		
Toe	/		Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked	/	
			Set-back embankments		/

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps	X	X	Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater	X	
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)		X	Mature island(s)	X	
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	RR	RR	BR	BR	EA	EA	EA
Bank modification(s)	NO	NO	NO	RI	RI	RJ	RJ	NO	NO	NO
Bank feature(s)	VP	NO	VP	NO	NO	NO	NO	SC	SC	NO
CHANNEL										
Channel substrate	P	P	P	GP	P	AR	NV	NV	P	NV
Flow type	RP	SM	RP	SM	SM	UW	RP	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	RI	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	CL	EA	EA	EA	EA	BR	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	RI	RI	NO	NO	NO
Bank feature(s)	EC	SC	EC	SC	SC	NO	NO	EC	SC	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	U	U	U	S	B	S	S	U	U
LEFT BANK FACE	S	S	S	B	S	B	S	S	S	S
RIGHT BANK FACE	B	S	B	S	S	B	S	S	S	S
RIGHT BANK-TOP	U	S	S	S	S	B	B	U	U	S
LAND USE WITHIN 5m OF BANK TOP (R)										
RIGHT BANK-TOP	IG	RP	RP	RP	RP	SU	IG	IG	IG	IG
G CHANNEL VEGETATION TYPES										
NONE								NV	NV	NV
Liverworts/mosses/lichens	/	/	/	/	/	/	/			/
Emergent broad-leaved herbs	/	/	/	/	/	/	/			/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/			/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.25	Bankfull width(m)	10.0	Banktop height(m)	1.75
Banktop = Bankfull?	Y	Water width(m)	9.5	Banktop = Bankfull?	N
Embanked height(m)	2.0	Water depth(m)	0.3	Embanked height(m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated unconsolidated Unknown
 Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Stuices				Outfalls	2	
Culverts				Fords		
Bridges	1			Deflectors		
				Other		

Is water impounded by weirs/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	X		
Waterfalls >5m high	Artificial open water	Bog	Fringing road-bank
Branded/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flesh	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = ivy, 6 = moss)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: High flow channel veg. almost non-existent.

S ALDERS

Alders? None Present X Extensive Diseased alders? None Present X Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	65	Slope (m/km)	1.2	Flow category (1-10)	6
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	32	Significant tributary?	N	Navigation?	N
Height of source(m)	218	Water Quality class	2	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14523

Grid reference: SX 339912 River: TAMAR 60

Date: 14/1/1997 Time: 16.45 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	1
Pools	0	Vegetated point bar	3

Outlet created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
bleak/mixed woodland (BL)			Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
land/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)	/	/
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

Profile	L	R	Artificial/modified	L	R
Vertical/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
>45			Reinforced - top only		
<45		/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps	X	X	Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

Channel Feature	None	Present E (>33%)	Channel Feature	None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)		X	Mature island(s)	X	
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)		X
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	EC	EC	EC	PB	VP	VP	EC	EC	VP	NO
CHANNEL										
Channel substrate	NV	NV	CO	P	P	NV	NV	NV	NV	NV
Flow type	SM	SM	SM	UW	SM	SM	SM	SM	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	VP	NO	VS	EC	EC	NO	NO	NO	EC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	TH	BL
LEFT BANK-TOP	S	S	S	S	U	U	U	U	S	S
LEFT BANK FACE	B	B	B	S	S	S	S	U	B	S
RIGHT BANK FACE	S	S	S	B	S	S	S	S	B	S
RIGHT BANK-TOP	S	S	S	S	U	U	S	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	BL	RP	IG	IG	IG	IG	TH	TH	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved							/	/	/	/
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	2.0	Bankfull width (m) 10.25	Banktop height (m) 2.0
Banktop = Bankfull?	Y	Water width (m) 9.25	Banktop = Bankfull? Y
Embanked height (m)	0.0	Water depth (m) 0.75	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site: consolidated unconsolidated unknown X

Location of measurement is: riffle run or glide X other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
	Braided/side channels	Natural open water X	Carr	Floating mat
	Debris dam	Water meadow	Marsh	Other
	Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: High flow and turbidity affected surveying conditions.

S ALDERS

Alders? None Present X Extensive Discarded alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	70	Slope (m/km)	6	Flow category (1-10)	2
BGS Solid geology code	78	BGS Drift geology code	0	Planform category	1
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	160	Water Quality class	0	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14524

Grid reference: SX 333806 River: UN-NAMED TRIB. OF LOWLEY

Date: 15/1 /1997 Time: 14.10 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee symmetrical
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 9 Unvegetated point bar 0
 Pools 0 Vegetated point bar 2

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Scrub/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		E
Orchard (OR)			Tilled land (TL)	E	/
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)		/	Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top >45°	E	E	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None	-	-	-	-	Shading of channel	-	X
Isolated/scattered	-	-	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	-	-	Underwater tree roots	X	-
Semi-continuous	X	X	-	-	Fallen trees	-	X
Continuous	-	-	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present	E	None	Present	E (>33%)
Waterfall(s)	X	-	-	Marginal deadwater	-	X
Cascade(s)	X	-	-	Exposed bedrock	X	-
Rapid(s)	X	-	-	Exposed boulders	X	-
Riffle(s)	-	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	-	Mature island(s)	X	-
Slide(s)	X	-	-	Unvegetated side bar(s)	-	X
Pool(s)	X	-	-	Vegetated side bar(s)	-	X
Ponded reach(es)	X	-	-	Discrete silt deposit(s)	X	-
				Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	CL	CL	CL	CL	EA	CL	CL	CL	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	EC	EC	NO	NO	EC	NO	SC
CHANNEL										
Channel substrate	P	CL	CL	G	G	P	P	P	CO	GP
Flow type	RP	SM	RP	RP	RP	UW	RP	SM	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	RO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	CL	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	EC	NO	EC	EC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	TL	TL	TL	TL	TL	TL	TL	TL	TL	TL
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	U	U	U	U	U	U	U	U	U	U
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	TH	IG	IG	IG	TL	TL

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/	/
NONE										
Liverworts/mosses/lichens								/	/	/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/								/
Floating-leaved (rooted)										
Free-floating										
Amphibious	/				/	/	/	/	/	/
Submerged broad-leaved		/	/	/						/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.2 Bank full width (m)	4.0 Banktop height (m)
Banktop = Bankfull?	Y Water width (m)	1.5 Banktop = Bankfull?
Embanked height (m)	0.0 Water depth (m)	0.25 Embanked height (m)
If trashline lower than break in slope, indicate: height above water(m) = 0.0		
Bed material at site is: consolidated <input type="checkbox"/> unconsolidated <input type="checkbox"/> Unknown <input type="checkbox"/>		
Location of measurement is: riffle <input checked="" type="checkbox"/> run or glide <input type="checkbox"/> other <input type="checkbox"/>		

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Cutverts				Fords		
Bridges			I	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Carr
Debris dam	X	Water meadow	-	Marsh
Leafy debris	X	Fen	-	Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhodospiraea, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = sycamore)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased:)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	45	Slope (m/km)	3	Flow category (1-10)	5
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	25	Significant tributary?	N	Navigation?	N
Height of source(m)	290	Water Quality class	1.5	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14525

Grid reference: SX 351771 River: INNY 62

Date: 16/1 /1997 Time: 11.05 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 4 Unvegetated point bar 0

Pools 0 Vegetated point bar 0

Output created by IFE, Warrham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Bush/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tiled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank	/	/
Vertical >45	E	E	Reinforced - top only		
Vertical <45	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None					Shading of channel	X	
Isolated/scattered					Overhanging boughs	X	
Regularly spaced, single					Exposed bankside roots	X	
Occasional clumps		X			Underwater tree roots	X	
Semi-continuous	X				Fallen trees	X	
Continuous					Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E		None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater		X	
Cascade(s)	X			Exposed bedrock	X		
Rapid(s)	X			Exposed boulders	X		
Riffle(s)		X		Unvegetated mid-channel bar(s)	X		
Run(s)			X	Vegetated mid-channel bar(s)		X	
Boil(s)	X			Mature island(s)	X		
Glide(s)	X			Unvegetated side bar(s)	X		
Pool(s)	X			Vegetated side bar(s)	X		
Ponded reach(es)		X		Discrete silt deposit(s)			
				Discrete sand deposit(s)			

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	BR	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	RI	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SC	NO	SC	NO	SC	NO	NO
CHANNEL										
Channel substrate	NV	NV	NV	NV	CO	CO	NV	NV	NV	NV
Flow type	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	BR	EA	EA	EA	EA	EA	BR
Bank modification(s)	NO	NK	NO	RS	RI	NO	NO	NO	NO	RS
Bank feature(s)	NO	EC	NO	NO	NO	NO	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	1	2	3	4	5	6	7	8	9	10
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										
RIGHT BANK-TOP	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs						/				/
Emergent reeds/sedges/rushes				/			/			/
Floating-leaved (rooted)										
Free-floating										
Amphibious				/						/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved				/						/
Filamentous algae										

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Bush/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tiled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank	/	/
Vertical >45	E	E	Reinforced - top only		
Vertical <45	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None					Shading of channel	X	
Isolated/scattered					Overhanging boughs	X	
Regularly spaced, single					Exposed bankside roots	X	
Occasional clumps		X			Underwater tree roots	X	
Semi-continuous	X				Fallen trees	X	
Continuous					Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E		None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater		X	
Cascade(s)	X			Exposed bedrock	X		
Rapid(s)	X			Exposed boulders	X		
Riffle(s)		X		Unvegetated mid-channel bar(s)	X		
Run(s)			X	Vegetated mid-channel bar(s)		X	
Boil(s)	X			Mature island(s)	X		
Glide(s)	X			Unvegetated side bar(s)	X		
Pool(s)	X			Vegetated side bar(s)	X		
Ponded reach(es)		X		Discrete silt deposit(s)			
				Discrete sand deposit(s)			

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.6	Bankfull width (m) 15.0	Banktop height (m) 1.6
Banktop = Bankfull?	Y	Water width (m) 12.0	Banktop = Bankfull? Y
Embanked height (m)	0.0	Water depth (m) 0.3	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	I			Revetments	I	
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	X	Dredging		Mowing		Wood-cutting	
		Enhancement		Other?			

O FEATURES OF SPECIAL INTEREST

None		Artificial open water	X	Bog		Fringing reed-bank	
Braided/side channels		Natural open water		Carr		Floating mat	
Debris dam		Water meadow		Marsh		Other	
Leafy debris		Fen		Flush			

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: MILL
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	104	Slope (m/km)	5	Flow category (1-10)	2
BGS Solid geology code	B1	BGS Drift geology code	0	Planform category	3
Distance from source(km)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	139	Water Quality class	2	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14526

Grid reference: SS 368004 River: CLAW 63
 Date: 15/1 /1997 Time: 10.35 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes X
 Bed of river visible? No X Part. Entire.
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left X Right Channel
 SERCON survey in addition? No Yes Y

PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee		symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)		E	Rough pasture (RP)	/	
Coniferous plantation (CP)		E	Improved/semi-improved grass (IG)	E	
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite	/		Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered	X		Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots		X
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees		X
Continuous		X	Coarse woody debris		X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)		X	Manure island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	EC	NO	NO	EC	EC	EC	EC	EC	EC	EC

CHANNEL

Channel substrate	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Flow type	RP	UW	SM	RP	UW	RP	UW	SM	SM	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	NV	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NK	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	EC	NV	NO	SC	NO	NO	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	TH	WL	TH	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	U	S	S	S	S	S	U	S	S
LEFT BANK FACE	S	S	S	B	S	S	B	B	B	B
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANKTOP (R)	BL	CP	CP	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens										/
Emergent broad-leaved herbs										/
Emergent reeds/hedges/rushes						/	/			/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.55	Bankfull width(m)	4.0	Banktop height(m)	1.55
Banktop = Bankfull?	Y	Water width(m)	4.0	Banktop = Bankfull?	Y
Embanked height(m)	0.0	Water depth(m)	0.5	Embanked height(m)	0.0

If ashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated - unconsolidated - unknown X
 Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
	Braided/side channels	Natural open water	Carr	Floating mat
	Debris dam	Water meadow	Marsh	Other
	Leafy debris	Fen	Flush	X

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	79	Slope (m/km)	5	Flow category (1-10)	3
BGS Solid geology code	81	BGS Drift geology code	5	Planform category	3
Distance from source(km)	145	Significant tributary?	N	Navigation?	N
Height of source(m)	168	Water Quality class	2	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14527

Grid reference: SX 370909 River: CAREY 64
 Date: 13/1 /1997 Time: 0.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes X
 Bed of river visible? No Part. X Entire -
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left X Right X Channel X
 SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee	X	symmetrical	
gorge		asymmetrical	

Terraced valley? No Yes X

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	6	Unvegetated point bar	2
Pools	1	Vegetated point bar	2

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/mixed woodland (BL)	/		Rough pasture (RP)	E	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	E
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/		Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)	/	
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + ke			Reinforced - whole bank		
Top >45			Reinforced - top only		
Side			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	X	X	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	-	X	Mature island(s)	-	X
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	-	X
Fonded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	PC	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	NO	EC	EC	PB	NO	NO	PB

CHANNEL

Channel substrate	CO	NV	P	NV	CO	NV	CO	CO	NV	P
Flow type	UW	RP	RP	RP	UW	NP	UW	SM	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	EC	SC	NO	NO	VP	SC	SC	SC	NO	EC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	1G	IG	SC	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	S	S	U	U	U	U	U	U	U
LEFT BANK FACE	B	S	S	S	S	B	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	IG	RP	TH	RP	BL

G CHANNEL VEGETATION TYPES

NONE	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens	/	/	/	/	/	/
Emergent broad-leaved herbs		/			/	/
Emergent reeds/sedges/rushes			/		/	/
Floating-leaved (rooted)						
Free-floating						
Amphibious						
Submerged broad-leaved						
Submerged linear-leaved						
Submerged fine-leaved						
Filamentous algae						

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.0	Bankfull width (m) 13.0	Banktop height (m) 1.0
Banktop = Bankfull?	Y	Water width (m) 7.0	Banktop = Bankfull? Y
Embanked height (m)	0.0	Water depth (m) 0.25	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated - unconsolidated X unknown -
 Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments	2	
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging -	Mowing -	Weed-cutting -
	Enhancement -	Other? -	

O FEATURES OF SPECIAL INTEREST

None X	Artificial open water -	Bog -	Fringing reed bank -
	Natural open water -	Carr -	Floating mat -
	Water meadow -	Marsh -	Other -
	Fen -	Flush -	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: High flow.

S ALDERS

Alders? None - Present - Extensive X Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	2	Slope (m/km)	3.3	Flow category (1-10)	6
BGS Solid geology code	78	BGS Drift geology code	0	Planform category	2
Distance from source(km)	35	Significant tributary?	N	Navigation?	N
Height of source(m)	285	Water Quality class	1.5	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14528

Grid reference: SX 384613 River: LYNHER 65

Date: 14/1 /1997 Time: 17.50 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Heath/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	
Orchard (OR)			Tilled land (TL)		
Land/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

Vertical/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank	/	/
Vertical >45	E	E	Reinforced - top only		
Composite			Reinforced - toe only		
			Artificial two-stage		
			Poached		
			Embanked	/	/
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	None	Left	Right	ASSOCIATED FEATURES		
				None	Present	E (>33%)
Isolated/scattered	-	-	-	-	X	
Regularly spaced, single	-	-	-	X	-	
Occasional clumps	-	-	-	-	X	
Semi-continuous	-	-	-	X	-	
Continuous	X	X	X	X	-	

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present	E	Marginal deadwater	None	Present	E (>33%)
Cascade(s)	X	-	-	Exposed bedrock	-	X	-
Rapid(s)	-	X	-	Exposed boulders	-	X	-
Riffle(s)	-	X	-	Unvegetated mid-channel bar(s)	X	-	-
Run(s)	-	-	X	Vegetated mid-channel bar(s)	X	-	-
Boil(s)	X	-	-	Mature island(s)	-	X	-
Glide(s)	X	-	-	Unvegetated side bar(s)	X	-	-
Pool(s)	X	-	-	Vegetated side bar(s)	X	-	-
Ponded reaches	X	-	-	Discrete silt deposit(s)	-	X	-
				Discrete sand deposit(s)	X	-	-

Spot check 1 is at upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	BR	EA
Bank modification(s)	NO	EM	EM	NO	NO	NO	NO	NO	RS	RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	CO	NV	CO	BE	CO	CO	NV	NV	CO	NV
Flow type	RP	RP	RP	UW	RP	RP	RP	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	RO	MI	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	NO	SC	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	BL	BL	BL	IG	IG	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	B	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	TH	BL

G CHANNEL VEGETATION TYPES

NONE		NV	NV			NV	NV		NV
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/			/	/			/	/
Emergent reeds/sedges/rushes									
Floating-leaved (rooted)									
Free-floating			/						/
Amphibious								/	/
Submerged broad-leaved	/			/	/				/
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.7	Bank(full) width (m)	19.0	Banktop height (m)	2.2
Banktop = Bankfull?	Y	Water width (m)	15.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.45	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	-	Mowing	-	Weed-cutting	-
		Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST

None	<input checked="" type="checkbox"/>	Artificial open water	-	Bog	-	Fringing reed-bank	-
Waterfalls >5m high	-	Natural open water	-	Carr	-	Floating mat	-
Braided/side channels	-	Water meadow	-	Marsh	-	Other	-
Debris dam	-	Fen	-	Flush	-		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	50	Slope (m/km)	3.75	Flow category (1-10)	6
BGS Solid geology code	81	BGS Drift geology code	5	Planform category	2
Distance from source(km)	16	Significant tributary?	N	Navigation?	N
Height of source(m)	400	Water Quality class	1.5	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14529

Grid reference: SX 389843 River: LYD 66

Date: 15/1 /1997 Time: 18.25 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee		X	symmetrical
gorge			asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by JFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Mead/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

Profile	L	R	Artificial/modified	L	R
Vertical/unmodified	/	/	Resectioned	/	
Vertical + toe			Reinforced - whole bank		
Toe >45	E	E	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous	X	X	Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

Feature	None	Present E	Feature	None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater	X	
Cascade(s)	X		Exposed bedrock		X
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)	X		Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reaches		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	BE	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	RS	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	SC	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	BE	NV	NV	NV	NV	NV	NV	NV	NV
Flow type	RP	*	SM	RP	RP	RP	SM	UW	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	NV	NV	NV
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	BL	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
G CHANNEL VEGETATION TYPES										
NONE	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens	/									
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes								/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	2.5	Bankfull width (m)	20.0	Banktop height (m)	3.0
Banktop = Bankfull?	Y	Water width (m)	16.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.6	Embanked height (m)	0.0

If trashing lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M. ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1			Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ABSTRACTION

Land Management:

Animals:

Other significant observations: Owl.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	55	Slope (m/km)	70	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Platform category	2
Distance from source(km)	.3	Significant tributary?	N	Navigation?	N
Height of source(m)	100	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14530

Grid reference: SX 345555 River: UN-NAMED TRIB. OF LYNHER

Date: 15/1 /1997 Time: 10.00 Surveyor: DS Accred. code: MNS9

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Broadleaf/mixed woodland (BL)	/	/		
Coniferous plantation (CP)			E	E
Orchard (OR)				
Wetland/heath (MH)				
Open water (OW)				
Suburban/urban development (SU)				
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stagg		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	-	Fallen trees	-	X
Continuous	-	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	-	X	Marginal deadwater	X	-
Cascade(s)	-	X	Exposed bedrock	X	-
Rapid(s)	-	X	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	X	-	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	G	G	G	G	G	G	CO	CO	CO
Flow type	RP	RP	SM	RP	RP	RP	RP	RP	RP	CH
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	BL	BL	BL	IG	IG
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	IG	IG	IG	SC	BL	BL	SC
G CHANNEL VEGETATION TYPES										
NONE		/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens	/				/			/	/	/
Emergent broad-leaved herbs					/					/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.75	Bank full width (m) 5.0	Banktop height (m) 2.0
Banktop = Bankfull?	Y	Water width (m) 1.0	Banktop = Bankfull? N
Embanked height (m)	0.0	Water depth (m) 0.15	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated X unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	X	Water meadow	-	Marsh	-	Other	-
Leafy debris	X	Fca	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals: BADGER

Other significant observations: Badger sett

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	25	Slope (m/km)	20	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	Y	Navigation?	N
Height of source(m)	160	Water Quality class	2	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box (if any corrections are needed)

Reference site number: 14531

Grid reference: SX 408684 River: UN-NAMED TRIB. OF TAMAR 6

Date: 16/1 /1997 Time: 13.45 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/>	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/>	<input type="checkbox"/>	symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/>	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	9	Unvegetated point bar	4
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Re-sectioned		
Vertical + toe			Reinforced - whole bank	E	/
Top >45	E	/	Reinforced - top only		
Stable		/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None					Shading of channel	X	
Isolated/scattered					Overhanging boughs	X	
Regularly spaced, single					Exposed bankside roots	X	
Occasional clumps					Underwater tree roots		X
Semi-continuous	X	X			Fallen trees	X	
Continuous					Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None		Present		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
Waterfall(s)	X				Marginal deadwater		X
Cascade(s)	X				Exposed bedrock		X
Rapid(s)			X		Exposed boulders		X
Riffle(s)		X			Unvegetated mid-channel bar(s)	X	
Run(s)			X		Vegetated mid-channel bar(s)	X	
Boil(s)	X				Mature island(s)	X	
Glide(s)	X				Unvegetated side bar(s)		X
Pool(s)	X				Vegetated side bar(s)	X	
Ponded reach(es)		X			Discrete silt deposit(s)		X
					Discrete sand deposit(s)		X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	CL	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	EC	NO	SC	SC	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	CO	CO	CO	CO	P	BE	BE	BE	CO	CO
Flow type	RP	RP	RP	RP	RP	RP	UW	RP	RP	CU
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	NO	NO	NO	SC	FB	SC	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	BL	IG	RP	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	B	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	B	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	BL	BL	BL	BL	SC	TH	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs		/	/							/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.25	Bankfull width (m)	4.5	Banktop height (m)	0.75
Banktop = Bankfull?	N	Water width (m)	3.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.4	Embanked height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.0					
Bed material at site is: consolidated <input type="checkbox"/> unconsolidated <input type="checkbox"/> Unknown <input type="checkbox"/>					
Location of measurement is: riffle <input checked="" type="checkbox"/> run or glide <input type="checkbox"/> other <input type="checkbox"/>					

M ARTIFICIAL FEATURES

None						
Weirs	Major	Intermediate	Minor	Revetments	Major	Intermediate
Stakes				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weirs/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Carr
Debris dam		Water meadow		Marsh
Leafy debris	X	Fen		Flush
				Friaging reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = chandelion, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land management:
Animals:
Other significant observations: Skull (possibly otter).

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	22	Slope (m/km)	5.5	Flow category (1-10)	X
BGS Solid geology code	78	BGS Drift geology code	0	Platform category	2
Distance from source(km)	60	Significant tributary?	Y	Navigation?	N
Height of source(m)	220	Water Quality class	2	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14532

Grid reference: SX 418726 River: TAMAR 69

Date: 16/1/1997 Time: 15.45 Surveyor: DS Accred. code: MNS9

Adverse conditions? No Yes X

Bed of river visible? No X Part. Entire.

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right X Channel

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bow
X deep vee		symmetrical
gorge		asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Leaf/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)		/	Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	/	/	Reinforced - top only		
Toe			Reinforced - toe only		/
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	X	-
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	X	-	Fallen trees	X	-
Continuous	-	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	X	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	NV	EA	EA	EA	EA	NV	EA	EA	EA	BR
Bank modification(s)	NK	NO	NO	NO	NO	NK	NO	NO	NO	RS RI
Bank feature(s)	NV	NO	NO	NO	NO	NV	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Flow type	SM	SM	SM	SM	SM	SM	SM	SM	BW	BW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	NO	NO	EC	SC	EC	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	C	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	B	S	B	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
G CHANNEL VEGETATION TYPES										
NONE	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens										/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	2.5	Bankfull width (m) 50.0	Banktop height (m) 4.0
Banktop = Bankfull?	Y	Water width (m) 34.0	Banktop = Bankfull? N
Embanked height (m) 0.0	Water depth (m)	Embanked height (m) 0.0	

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown X

Location of measurement is: riffle run or glide other X

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1			Revetments		1
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site X

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None X

Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam X Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: WEIR

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive X Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	126	Slope (m/km)	5	Flow category (1-10)	2
BGS Solid geology code	B1	BGS Drift geology code	0	Planform category	3
Distance from source(km)	4.5	Significant tributary?	N	Navigation?	N
Height of source(m)	168	Water Quality class	2	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14533

Grid reference: SX 417981 River: CAREY 70

Date: 15/1 /1997 Time: 9.05 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input checked="" type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	2
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Woodland/mixed woodland (BL)			/	E
Coniferous plantation (CP)			E	/
Orchard (OR)				
Wetland/heath (MH)			/	/
Open water (OW)				/
Suburban/urban development (SU)				
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
>45	/		Reinforced - top only		
le			Reinforced - toe only		
Composite	/		Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots		X
Occasional clumps			Underwater tree roots	X	
Semi-continuous	X	X	Fallen trees		X
Continuous			Coarse woody debris		X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)		X	Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	EC	EC	NO	EC	NO	NO	SC	NO	EC	NO

CHANNEL

Channel substrate	NV	NV	NV	NV	NV	NV	NV	G	NV	NV
Flow type	RP	RP	RP	RP	RP	UW	RP	SM	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	PB	SC	EC	NO	EC	SC	SC	SC	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	RP	RP
LEFT BANK-TOP	S	S	S	S	S	U	U	S	S	B
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	B	S	S	S	B	S	S	S	S	S
RIGHT BANK-TOP	S	S	U	U	U	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	IG	IG	IG	IG	BL	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.4	Bankfull width (m)	4.25	Banktop height (m)	1.4
Banktop = Bankfull?	Y	Water width (m)	4.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.45	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Stuices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water	X	Carv
Debris dam	X	Water meadow		Marsh
Leafy debris		Fen		Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = meach)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	84	Slope (m/km)	5	Flow category (1-10)	3
BGS Solid geology code	B1	BGS Drift geology code	0	Planform category	3
Distance from source(km)	12	Significant tributary?	N	Navigation?	N
Height of source(m)	261	Water Quality class	1.5	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14534

Grid reference: SX 441889 River: THRUSHEL 72

Date: 13/1 /1997 Time: 14.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes X

Bed of river visible? No Part. X Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right X Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	X	symmetrical
gorge		asymmetrical

Terraced valley? No Yes X

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	2
Pools	2	Vegetated point bar	2

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

adleaf/mixed woodland (BL)	/	/	Rough pasture (RP)	/	/
temperous plantation (CP)			Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Tilled land (TL)		
land/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
ub (SC)			Open water (OW)		
herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

atural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
p >45			Reinforced - top only		
le			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	X	X	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	-	X	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	-	X
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	RR	RR	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	RI	RI	NO	NO	NO
Bank feature(s)	PB	SB	NO	VS	SC	PB	NO	SC	VP	SC

CHANNEL

Channel substrate	P	CO	P	CO	P	CO	NV	P	NV	NV
Flow type	UW	UW	SM	UW	SM	RP	SM	SM	NP	NP
Channel modification(s)	NO	NO	NO	NO	NO	RI	NK	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	RR	RR	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	RI	RI	NO	NO	NO
Bank feature(s)	SC	EC	EC	EC	EC	NO	NO	VP	EC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	IG	IG	RP	RP	RP	BL	BL
LEFT BANK-TOP	S	S	S	U	U	S	S	S	S	S
LEFT BANK FACE	S	S	S	B	S	S	S	S	S	S
RIGHT BANK FACE	S	S	B	B	B	U	S	S	B	S
RIGHT BANK-TOP	S	S	S	S	S	U	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	TH	RP	IG	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/					
Emergent broad-leaved herbs	/	/	/	/	/					
Emergent reeds/hedges/rushes				/						
Floating-leaved (rooted)										
Free-floating										
Amphibious				/						
Submerged broad-leaved			/							
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.2	Bankfull width (m)	7.1	Banktop height (m)	0.5
Banktop = Bankfull?	N	Water width (m)	7.1	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated X unknown -

Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	I	
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	X	Carr
Debris dam	-	Water meadow	-	Marsh
Leafy debris	-	Fen	-	Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	240	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	246	Water Quality class	1.5	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14535

Grid reference: SX 496791 River: BURN 74

Date: 17/1/1997 Time: 9.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	9	Unvegetated point bar	6
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Sadler/mixed woodland (BL)	/	/	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)	/	/	Open water (OW)		
Herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Re-sectioned		
Vertical + toe	/	/	Reinforced - whole bank	/	/
Top >45	/	/	Reinforced - top only		
Stile	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

EXTENT OF TREES AND ASSOCIATED FEATURES

TREES		ASSOCIATED FEATURES	
None	Left Right	Shading of channel	None Present E (>33%)
Isolated/scattered	- -	Overhanging boughs	- X
Regularly spaced, single	- -	Exposed bankside roots	- X
Occasional clumps	- -	Underwater tree roots	- X
Semi-continuous	X X	Fallen trees	- X
Continuous	- -	Coarse woody debris	- X

EXTENT OF CHANNEL FEATURES

Waterfall(s)	None Present E	Marginal deadwater	None Present E (>33%)
Cascade(s)	X - -	Exposed bedrock	- X -
Rapid(s)	- - X	Exposed boulders	- X -
Riffle(s)	- X -	Unvegetated mid-channel bar(s)	X - -
Run(s)	- X -	Vegetated mid-channel bar(s)	X - -
Boil(s)	X - -	Mature island(s)	- X -
Glide(s)	X - -	Unvegetated side bar(s)	- X -
Pool(s)	X - -	Vegetated side bar(s)	X - -
Ponded reach(es)	X - -	Discrete silt deposit(s)	- X -
		Discrete sand deposit(s)	X - -

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NK	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	EC	EC	SC	NO	EC	NO	NO	NO

CHANNEL

Channel substrate	P	CO	CO	CO	CO	CO	CO	CO	CO	CO
Flow type	RP	RP	UW	RP	RP	RP	RP	RP	UW	CH
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	MI	MI	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	PB	NO	SC	EC	EC	PB	SC	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	BL	IG	SC	IG	BL	BL	IG	IG	IG
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	B	B	B	S	S	B	S	S	S
RIGHT BANK FACE	S	S	S	S	B	B	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANKTOP (R)	BL	BL	BL	IG	SC	RP	BL	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	E /
Emergent broad-leaved herbs		/								
Emergent reeds/hedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious		/	/	/	/					/
Submerged broad-leaved		/								/ /
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK	
Banktop height(m)	1.0	Bank full width (m)	11.0	Banktop height (m)
Banktop = Bankfull?	Y	Water width (m)	5.0	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.25	Embanked height (m)
If irashline lower than break in slope, indicate: height above water(m) = 0.0				
Bed material at site is: consolidated - unconsolidated - Unknown -				
Location of measurement is: riffle <input checked="" type="checkbox"/> run or glide - other -				

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		1
Stuices				Outfalls		
Culverts				Fords		
Bridges			1	Deflectors		

Is water impounded by weir/dam? No Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
	Braided/side channels	Natural open water	Carr	Floating mat
	Debris dam	Water meadow	Marsh	Other
	Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased?)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	130	Slope (m/km)	25	Flow category (1-10)	4
BGS Solid geology code	78	BGS Drift geology code	0	Planform category	2
Distance from source(km)	13	Significant tributary?	N	Navigation?	N
Height of source(m)	530	Water Quality class	1.5	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14536

Grid reference: SX 533706 River: WALKAM 76
Date: 17/1 /1997 Time: 11.30 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
Bed of river visible? No Part. Entire.
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Arable/mixed woodland (BL)	E	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	E
Orchard (OR)			Tilled land (TL)		
Farmland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)	/	/	Open water (OW)		
Herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut			Reinforced - whole bank		
Vertical + toe			Reinforced - top only		
>45	E	E	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
			None	Present	E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous	X	X	Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E (>33%)	None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater		
Cascade(s)	X			Exposed bedrock		X
Rapid(s)		X		Exposed boulders		X
Riffle(s)		X		Unvegetated mid-channel bar(s)	X	
Run(s)		X		Vegetated mid-channel bar(s)	X	
Boil(s)	X			Mature island(s)	X	
Slide(s)		X		Unvegetated side bar(s)	X	
Pool(s)	X			Vegetated side bar(s)	X	
Ponded reach(es)		X		Discrete silt deposit(s)	X	
				Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	BE	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	BO	BO	CO	CO	BO	BO	BO	BO	CO
Flow type	SM	CH	RP	RP	CH	RP	RP	BW	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	RO	NO	NO	RO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	SC	IG	BL	BL	BL	BL	BL	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)	SC	IG	BL	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	BL	BL	BL	IG	IG

G CHANNEL VEGETATION TYPES

	NV	E	E	/	E	/	/	E	E	/	E
NONE	NV										
Liverworts/mosses/lichens		E	E	/	E	/	/	E	E	/	E
Emergent broad-leaved herbs											
Emergent reeds/sedges/rushes											
Floating-leaved (rooted)											
Free-floating											
Amphibious											
Submerged broad-leaved											
Submerged linear-leaved											
Submerged fine-leaved											
Filamentous algae											

I CHANNEL DIMENSIONS

	CHANNEL	RIGHT BANK
Banktop height(m)	1.65	Bankfull width (m) 13.5
Banktop = Bankfull?	N	Banktop height (m) 1.25
Embanked height (m)	0.0	Water width (m) 7.5
		Banktop = Bankfull? Y
		Water depth (m) 0.4
		Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated unconsolidated Xunknown
Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Stuices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	X	Dredging	Mowing	Weed-cutting
		Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	X	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
		Braided/side channels	Natural open water	Carr	Floating mat
		Debris dam	Water meadow	Marsh	Other
		Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: MINING
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	5	Slope (m/km)	6.7	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	80	Water Quality class	I	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14537

Grid reference: SX 561484 River: NEWTON CREEK 78
Date: 17/1 /1997 Time: 16.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
Bed of river visible? No Part. Entire.
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/>	shallow vee	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/>	deep vee	<input type="checkbox"/>	symmetrical
<input type="checkbox"/>	gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	3
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/mixed woodland (BL)		E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Farmland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Water (SC)			Open water (OW)		
Herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
>45	/	/	Reinforced - top only		
Steep	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	E
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present	E (>33%)
None			Shading of channel		X	
Isolated/scattered		X	Overhanging boughs	X		
Regularly spaced, single			Exposed bankside roots	X		
Occasional clumps			Underwater tree roots	X		
Semi-continuous	X		Fallen trees		X	
Continuous			Coarse woody debris		X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E		None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater		X	
Cascade(s)	X			Exposed bedrock	X		
Rapid(s)	X			Exposed boulders	X		
Riffle(s)		X		Unvegetated mid-channel bar(s)	X		
Run(s)	X			Vegetated mid-channel bar(s)		X	
Boil(s)	X			Mature island(s)	X		
Glides(s)			X	Unvegetated side bar(s)		X	
Pool(s)	X			Vegetated side bar(s)	X		
Ponded reach(es)		X		Discrete silt deposit(s)	X		
				Discrete sand deposit(s)		X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	VP	PB	NO	NO	NO
CHANNEL										
Channel substrate	G	G	P	P	G	G	P	G	P	G
Flow type	SM	SM	RP	RP	RP	SM	RP	SM	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	PC	NO
Bank feature(s)	NO	SC	NO	SC	NO	SC	NO	NO	NO	EC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	SC	SC	IG	BL	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	SC	SC	IG	BL	BL	BL	BL
LEFT BANK-TOP	U	U	U	S	S	U	C	C	C	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	B
RIGHT BANK-TOP	U	U	U	U	U	U	U	U	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens									/	/
Emergent broad-leaved herbs	/	/	/	/	/	E	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/	/					
Floating-leaved (rooted)										
Free-floating										/
Amphibious	/	/	/	/	/				/	/
Submerged broad-leaved	/	/	/	/	/					
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	E	E	E	E	E	E	E	E	E	/ E

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.9	Bankfull width (m)	6.0	Banktop height (m)	1.1
Banktop = Bankfull?	Y	Water width (m)	3.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated unconsolidated Unknown
Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1			Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Fringing reed-bank
Debris dam	X	Water meadow		Floating mat
Leafy debris	X	Fen		Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals: DRAGON/DAMSELFLIES BUZZARD
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	25	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	2
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	100	Water Quality class	1.5	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14538

Grid reference: SX 568527 River: SILVERBRIDGE LAKE 79
Date: 17/1 /1997 Time: 13.50 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
Bed of river visible? No Part. Entire.
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/>	shallow vee	-	concave/bowl
<input type="checkbox"/>	deep vee	-	symmetrical
<input type="checkbox"/>	gorge	-	asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	10	Unvegetated point bar	5
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Broadleaf/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Suburban/urban development (SU)		/
Herbs (TH)	/	/	Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Slope >45	E	E	Reinforced - top only		
Bank failure	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
			None	Present	E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots		X
Occasional clumps			Underwater tree roots		X
Semi-continuous			Fallen trees	X	
Continuous	X	X	Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E		None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater		X	
Cascade(s)	X			Exposed bedrock	X		
Rapid(s)	X			Exposed boulders	X		
Riffle(s)			X	Unvegetated mid-channel bar(s)	X		
Run(s)		X		Vegetated mid-channel bar(s)	X		
Boil(s)	X			Mature island(s)	X		
Glide(s)		X		Unvegetated side bar(s)	X		
Pool(s)	X			Vegetated side bar(s)	X		
Ponded reach(es)		X		Discrete silt deposit(s)	X		
				Discrete sand deposit(s)	X		

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	PB
CHANNEL										
Channel substrate	G	G	P	G	P	CO	CO	CO	CO	CO
Flow type	RP	SM	SM	SM	RP	UW	UW	RP	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	PB	NO	NO	NO	EC	EC	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	1	2	3	4	5	6	7	8	9	10
LAND USE WITHIN 5m OF BANKTOP (L)										
BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP										
S	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE										
S	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE										
S	S	S	S	S	S	S	B	B	S	S
RIGHT BANK-TOP										
S	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										
BL	BL	BL	BL	BL	BL	BL	IG	BL	SC	

G CHANNEL VEGETATION TYPES

	1	2	3	4	5	6	7	8	9	10
NONE										
Liverworts/mosses/lichens	/		/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved	/	/								/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										/

I CHANNEL DIMENSIONS

	CHANNEL				
Banktop height(m)	1.25	Bankfull width (m)	10.0	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	5.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trachline lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated unconsolidated Unknown
Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges		I		Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Carr
Debris dam	X	Water meadow		Marsh
Leafy debris	X	Fen		Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	344	Slope (m/km)	15	Flow category (1-10)	2
BGS Solid geology code	M	BGS Drift geology code	0	Planform category	2
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	469	Water Quality class	1.5	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14539

Grid reference: SX 408738 River: BLACKBROOK B1

Date: 10/09 /1997 Time: 16.10 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/>	concave/bowl
deep vee	<input type="checkbox"/>	symmetrical
gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	6	Unvegetated point bar	0
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)					
Coniferous plantation (CP)					
Orchard (OR)					
Wetland/heath (MH)					
Open water (OW)					
Suburban/urban development (SU)					
Rock and scree (RS)					

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/cut		/	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Top > 45°	E	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES		ASSOCIATED FEATURES	
None	Left Right	Shading of channel	None Present E (>33%)
Isolated/scattered	X X	Overhanging boughs	X
Regularly spaced, single		Exposed bankside roots	X
Occasional clumps		Underwater tree roots	X
Semi-continuous		Fallen trees	X
Continuous		Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)		Marginal deadwater	
None	Present E	None	Present E (>33%)
Cascade(s)	X	Exposed bedrock	X
Rapid(s)	X	Exposed boulders	X
Riffle(s)	X	Unvegetated mid-channel bar(s)	X
Run(s)	X	Vegetated mid-channel bar(s)	X
Boil(s)	X	Mature island(s)	X
Glide(s)	X	Unvegetated side bar(s)	X
Pool(s)	X	Vegetated side bar(s)	X
Ponded reach(es)	X	Discrete silt deposit(s)	X
		Discrete sand deposit(s)	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	BR	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	RI	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	CO	CO	CO	CO	BO	P	BO	CO	CO	P
Flow type	RP	RP	RP	RP	UW	RP	UW	RP	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	MI	RO	RO	RO	RO	MI	RO	RO

RIGHT BANK

Material	EA	EA	EA	BR	EA	EA	BO	EA	EA	EA
Bank modification(s)	NO	NO	NO	RI	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	SC	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	E	E	E	E	E	E	E	E	E	E
Emergent broad-leaved herbs				/		/	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved	/	/	/	/	/	/	/	/	E	/
Submerged linear-leaved	/	/	/	/	/	/	/	/	/	/
Submerged fine-leaved										
Filamentous algae								/	/	/

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.2	Bankfull width (m)	8.0	Banktop height (m)	0.75
Banktop = Bankfull?	N	Water width (m)	6.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs		I		Revetments		I
Stakes				Outfalls		
Culverts				Fords		
Bridges			I	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog <input checked="" type="checkbox"/>	Fringing reed-bank
Waterfalls >5m high	Natural open water	Carr	Floating mat
Braided/side channels	Water meadow	Marsh	Other
Debris dam	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	459	Slope (m/km)	13.33	Flow category (1-10)	2
BGS Solid geology code	34	BGS Drift geology code	3	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	536	Water Quality class	1	RHS Segment type	11

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14540

Grid reference: SX 611790 River: WEST DART 82
 Date: 10/09 /1997 Time: 11.50 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

- shallow vee	<input checked="" type="checkbox"/>	concave/bowl
- deep vee	<input type="checkbox"/>	symmetrical
- gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	8	Unvegetated point bar	3
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Grass/mixed woodland (BL)			Rough pasture (RP)	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	
Orchard (OR)			Tilled land (TL)	
Woodland/heath (MH)	E	E	Wetland (eg bog, marsh, fen)(WL)	
Sub (SC)			Open water (OW)	
Tall herbs (TH)			Suburban/urban development (SU)	
			Rock and scree (RS)	

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Slope >45	E	E	Reinforced - top only		
Stippled	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X	X	Shading of channel	X	-
Isolated/scattered	-	-	Overhanging boughs	X	-
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	-	X
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	PE	PE	GS	GS	PE	PE	PE	PE	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	P	BO	P	P	BO	BO	BO
Flow type	RP	SM	RP	RP	RP	SM	SM	SM	SM	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	MI	NO	NO	NO	RO	RO	NO	RO	RO	RO
RIGHT BANK										
Material	EA	PE	PE	PE	PE	GS	PE	PE	PE	PE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	NO	EC	NO	NO	NO	PB	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	B	S	S	S	S	S	S	S
RIGHT BANK FACE	B	S	B	S	S	S	B	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH

G CHANNEL VEGETATION TYPES

	1	2	3	4	5	6	7	8	9	10
NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	E	E
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes	/								/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved			/	/		/	/			/
Submerged fine-leaved										
Filamentous algae					/	/	/	/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.75	Bankfull width (m)	4.0	Banktop height (m)	0.75
Banktop = Bankfull?	Y	Water width (m)	4.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.4	Embanked height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.0					
Bed material at site is: consolidated <input type="checkbox"/> unconsolidated <input type="checkbox"/> Unknown <input type="checkbox"/>					
Location of measurement is: riffle <input checked="" type="checkbox"/> run or glide <input type="checkbox"/> other <input type="checkbox"/>					

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input type="checkbox"/>	Waterfalls >5m high <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	E	Fringing reed-bank <input type="checkbox"/>
	Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>		Floating mat <input type="checkbox"/>
	Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>		Other <input type="checkbox"/>
	Leafy debris <input type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input checked="" type="checkbox"/>		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: DRAGON/DAMSELFLIES
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	412	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	34	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	520	Water Quality class	1	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14541

Grid reference: SX 640845 River: NORTH TEIGN B3

Date: 14/09 /1997 Time: 11.05 Surveyor: DS Accred. code: MNS9

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 4 Unvegetated point bar 0

Pools 1 Vegetated point bar 1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badleaf/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Farmland/heath (MH)	E	E	Wetland (eg bog, marsh, fen)(WL)	E	E
Sub (SC)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X		Shading of channel	X	
Isolated/scattered		X	Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)		X	Exposed bedrock	X	
Rapid(s)		X	Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)		X
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)		X	Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	PE	PE	PE	PE	PE	BO	PE	PE	PE	PE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	CO	CO	CO	CO	BO	BO	CO	CO	P	G
Flow type	SM	RP	SM	RP	UW	RP	RP	NP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	RO	RO	RO	NO	NO	NO

RIGHT BANK

Material	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	EC	EC	NO	NO	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	E	E	E	/	E	E
Emergent broad-leaved herbs					/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/		/	/	/	/	/	/
Floating-leaved (rooted)	/		/						E	/
Free-floating										
Amphibious		/	/	/	/	/	/	/	/	/
Submerged broad-leaved	/								/	/
Submerged linear-leaved	/	/	/	/					/	/
Submerged fine-leaved	/									/
Filamentous algae	/				/					/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	4.0	Banktop height (m)	1.25
Banktop = Bankfull?	Y	Water width (m)	2.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If washline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated unconsolidated Unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None					
Waterfalls >5m high		Artificial open water		Bog	X
Braided/side channels		Natural open water		Carr	
Debris dam		Water meadow		Marsh	
Leafy debris		Fen		Flush	X
				Friaging reed-bank	
				Floating mat	
				Other	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	70	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	200	Water Quality class	0	RHS Segment type	8

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14542

Grid reference: SS 232190 River: UN-NAMED B8
 Date: 8/1 /1997 Time: 11.30 Surveyor: PS Accred code: PF35

Adverse conditions? No Yes X
 Bed of river visible? No Part. X Entire.
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left X Right X Channel X
 SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		X	concave/bowl
deep vee			symmetrical
gorge			asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles	4	Unvegetated point bar	4
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)	E	E	Rough pasture (RP)		
Cultivated plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/		Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)	/	/
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Top >45	/	/	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous	X	X	Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock		X
Rapid(s)		X	Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)		X
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)		X	Mature island(s)	X	
Glidet(s)		X	Unvegetated side bar(s)		X
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	BR	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	RI	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	FB	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	GP	G	AR	CO	G	CO	P
Flow type	RP	BW	RP	RP	RP	RP	RP	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	BR	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	RI	NO	NO	NO	NO
Bank feature(s)	EC	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	IG	SC	BL	BL	BL	BL	BL
LEFT BANK-TOP	S	C	S	S	S	S	S	S	S	C
LEFT BANK FACE	S	S	S	S	B	S	B	B	S	S
RIGHT BANK FACE	B	S	S	S	S	B	S	S	S	C
RIGHT BANK-TOP	S	C	S	C	S	C	S	S	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens	/				/	/		/		/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.6	Bank full width (m)	3.5	Banktop height (m)	0.6
Banktop = Bankfull?	Y	Water width (m)	3.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.4	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated X unknown

Location of measurement is: riffle - run or glide X other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Shoals				Outfalls		
Culverts				Fords		
Bridges	/			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting -
 Enhancement - Other?

O FEATURES OF SPECIAL INTEREST

None	X			
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Carr
Debris dam		Water meadow		Marsh
Leafy debris		Fen		Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: River in spate but substrate and depositional features still visible.

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	30	Slope (m/km)	26.67	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	Y	Navigation?	N
Height of source(m)	189	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14543

Grid reference: SS 297259 River: UN-NAMED 89

Date: 8/1 /1997 Time: 9.35 Surveyor: PS Accred. code: PF35

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input checked="" type="checkbox"/>	concave/bowl
deep vee	<input type="checkbox"/>	symmetrical
gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	4	Unvegetated point bar	3
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)	E	E	Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Suburban/urban development (SU)	/	/
Urban herbs (TH)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	/	/	Reinforced - top only		
Stippled	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	X	-
Cascades(s)	-	X	Exposed bedrock	-	X
Rapid(s)	-	X	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	-	X	Mature island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

F PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	SB	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	CO	CO	NV	CO	CO	CO	CO	P	CO
Flow type	RP	RP	RP	RP	RP	RP	UW	UW	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	PB	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
	BL	BL	BL	BL	BL	CP	CP	CP	CP	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	B	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	B	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	C	S	S	C	B	C	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	CP	BL	BL	BL	BL
G CHANNEL VEGETATION TYPES										
NONE	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Liverworts/mosses/lichens										
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.7	Bankfull width (m) 4.5
Banktop = Bankfull?	Y	Banktop = Bankfull? Y
Embanked height (m)	0.0	Embanked height (m) 0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.0		
Bed material at site is: consolidated <input type="checkbox"/> unconsolidated <input type="checkbox"/> Xunknown <input type="checkbox"/>		
Location of measurement is: riffle <input type="checkbox"/> run or glide <input checked="" type="checkbox"/> other <input type="checkbox"/>		

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts	I			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
		Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None	<input checked="" type="checkbox"/>	Artificial open water	<input type="checkbox"/>	Bog	<input type="checkbox"/>	Fringing reed-bank	<input type="checkbox"/>
Waterfalls >5m high	-	Natural open water	-	Carr	-	Floating mat	-
Braided/side channels	-	Water meadow	-	Marsh	-	Other	-
Debris dam	X	Fen	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: AFFORESTATION

Land Management:

Animals:

Other significant observations: Active meandering stream through broadleaved and coniferous plantation with bridge/culvert in centre. River in open but substrate and depositional features still old.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude(m), BGS Solid geology code, Distance from source(km), Height of source(m), Slope (m/km), BGS Drift geology code, Significant tributary?, Water Quality class, Flow category (1-10), Platform category, Navigation?, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14544
Grid reference: SS 442392 River: UN-NAMED 93
Date: 30/09 /1997 Time: 10.20 Surveyor: LC Accred. code: MN60

Adverse conditions? No X Yes
Bed of river visible? No Part. X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left X Right X Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

X shallow vee concave/bowl
deep vee symmetrical
gorge asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 1 Unvegetated point bar 0
Pools 0 Vegetated point bar 0

Output created by IFE, Warcham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Land Use, L, R, Land Use, L, R. Includes Broadleaf/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Wetland/heath (MH), Open water (OW), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 6 columns: Profile, L, R, Profile, L, R. Includes Natural/unmodified, Vertical/undercut, Vertical + toe, Slope > 15, Stepped, Composite, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 5 columns: Trees, Left, Right, Associated Features, Present E (>33%). Includes None, Isolated/scattered, Regularly spaced, single, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature, None, Present E, Feature, None, Present E (>33%). Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and rows for LEFT BANK, CHANNEL, RIGHT BANK. Attributes include Material, Bank modification(s), Bank feature(s), Channel substrate, Flow type, Channel modification(s), Channel feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (SU, RP, TH, SC, IG, U, S, C, S) and rows for LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with 10 columns (NONE, NV, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae) and rows for vegetation types.

I CHANNEL DIMENSIONS

Table with 4 columns (LEFT BANK, CHANNEL, RIGHT BANK) and rows for Banktop height(m), Banktop = Bankfull?, Embanked height(m), Water width(m), Water depth(m), height above water(m), Bed material at site is, Location of measurement is.

M ARTIFICIAL FEATURES

Table with 7 columns (Weirs, Shuices, Culverts, Bridges, Major, Intermediate, Minor) and rows for artificial features.

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting Enhancement Other?

O FEATURES OF SPECIAL INTEREST

Table with 5 columns (None, Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other).

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: HOUSING
Land Management:
Animals: DRAGON/DAMSELFLIES
Other significant observations:

S ALDERS

Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	70	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	85	BGS Drift geology code	0	Planform category	2
Distance from source(km)	1.5	Significant tributary?	N	Navigation?	N
Height of source(m)	120	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14545

Grid reference: SY 66904 River: UN-NAMED TRIB. OF OTTER 1

Date: 4/11 /1997 Time: 16.30 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	11	Unvegetated point bar	8
Pools	2	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)	/	E	Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)		/	Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Shingle	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous	X	X	Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)			Marginal deadwater		X
Cascade(s)		X	Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)		X	Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	PB	NO	SC	SC	PB	NO	PB

	P	P	P	NV	P	P	P	P	CP	P
CHANNEL										
Channel substrate	P	P	P	NV	P	P	P	P	CP	P
Flow type	UW	SM	UW	NP	SM	RP	UW	SM	UW	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	MB	NO	NO	NO	TR	MB	NO	NO

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	EC	EC	NO	SC	NO	SC	PB	EC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	CP	BL	BL	BL	RP	BL	BL	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	C	C	S	S	S	C
LEFT BANK FACE	S	S	S	S	C	S	S	S	S	S
RIGHT BANK FACE	S	S	B	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	CP	CP	CP	CP	BL	BL	BL	BL	BL	TH

G CHANNEL VEGETATION TYPES

	NV	/	/	/	/	/	/	/	/
NONE									
Liverworts/mosses/lichens				/	/	/	/	/	/
Emergent broad-leaved herbs	/		/						/
Emergent reeds/sedges/rushes									
Floating-leaved (rooted)									
Free-floating									
Amphibious									
Submerged broad-leaved									
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

L CHANNEL DIMENSIONS

	CHANNEL		
LEFT BANK			
Banktop height(m)	0.6	Bankfull width (m)	2.5
Banktop = Bankfull?	Y	Water width (m)	1.7
Embanked height (m)	0.0	Water depth (m)	0.15
		Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

	Major	Intermediate	Minor	Major	Intermediate	Minor
NONE						
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords	I	
Bridges			I	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
		Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Fringing reed-bank
Debris dam	X	Water meadow		Carr
Leafy debris	E	Fen		Marsh
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P3

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD
 Land Management:
 Animals:
 Other significant observations: Very shaded in CP stretch of river. Very little vegetation in the channel left of debris dams.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	50	Slope (m/km)	30	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	223	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14546

Grid reference: SS 516465 River: UN-NAMED 95
 Date: 30/09 /1997 Time: 11.30 Surveyor: LC Accred. code: MNG60

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Wetland/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Arable/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Terrace herbs (TH)	/	/	Suburban/urban development (SU)	E	E
			Rock and scree (RS)		

BANK PROFILES

Original/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Resectioned	E	E
Vertical + toe			Reinforced - whole bank	E	E
Top >45			Reinforced - top only		
Little			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	None	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
	Isolated/scattered	X	X		Shading of channel	
	Regularly spaced, single			Overhanging boughs	X	
	Occasional clumps			Exposed bankside roots	X	
	Semi-continuous			Underwater tree roots	X	
	Continuous			Fallen trees	X	
				Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)		X	Marginal dead water	X	
Cascade(s)		X	Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)		X	Mature island(s)	X	
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)		X
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	BR	CC	BR	BR	CC	BR	CC	BR	BR	BR
Bank modification(s)	RI	RI	RI	RI	RS	RI	RI	RI	RI	RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	G	GP	G	P	GP	AR	AR	AR	AR	GP
Flow type	RP	RP	RP	RP	RP	BW	RP	CH	UW	RP
Channel modification(s)	RS	RS	RS	RS	RS	DA	DA	DA	RI	CV
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	BR	CC	BR	BR	BR	CC	EA	BR	BR	BR
Bank modification(s)	RI	RI	RI	RI	RI	RI	NO	RI	RI	RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SU	SU	SU	SU	SU	SU	SU	SU	TH	SU
LEFT BANK-TOP	B	B	S	C	B	B	B	B	U	B
LEFT BANK FACE	U	U	U	S	B	S	B	U	B	B
RIGHT BANK FACE	S	U	S	S	S	B	S	S	B	B
RIGHT BANK-TOP	S	S	C	B	S	S	B	S	U	B
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	SU	SU	IG	SU	SU	SU	OW	SU

G CHANNEL VEGETATION TYPES

NONE		/								
Liverworts/mosses/lichens	/		/	/		E	E	E	/	E
Emergent broad-leaved herbs					/	/	E			/
Emergent reeds/sedges/rushes			/	/						/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved									/	/
Submerged linear-leaved									/	/
Submerged fine-leaved									/	/
Filamentous algae							E			/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.5	Banktop height(m)	0.75
Banktop = Bankfull?	N	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Embanked height (m)	0.0

Water width (m): 1.5, Water depth (m): 0.1

If trushline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	18			Revetments		
Sluices				Outfalls	3	
Culverts	4			Fords		
Bridges	2	1	9	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	Artificial open water	X	Bog	Fringing reed-bank
Braided/side channels	Natural open water		Carr	Floating mat
Debris dam	Water meadow		Marsh	Other
Leafy debris	Fen		Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + weeds)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: HOUSING ROAD
 Land Management: PARKLAND
 Animals:
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	127	Slope (m/km)	6.7	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Platform category	2
Distance from source(km)	3.5	Significant tributary?	N	Navigation?	N
Height of source(m)	150	Water Quality class	0	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14547

Grid reference: SS 582465 River: UMBER 98

Date: 30/09 /1997 Time: 15.50 Surveyor: LC Accred. code: MN60

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	3
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)	/		Rough pasture (RP)		
Coniferous plantation (CP)			Improved/Semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/		Open water (OW)		
Suburban/urban development (SU)		/	Suburban/urban development (SU)	E	E
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/		Resectioned	E	E
Vertical + toe			Reinforced - whole bank	E	E
>45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	X	X	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BR	EA	EA	BR	BR	NV	BR	BR	EA	EA
Bank modification(s)	RI	NO	NO	RI	RI	NK	RS	RS	RI	NO
Bank feature(s)	NO	NO	SC	NO	NO	NV	NO	NO	NO	SC
CHANNEL										
Channel substrate	G	G	G	GP	G	G	GP	G	GP	G
Flow type	RP	UW	RP	RP	RP	RP	RP	RP	CH	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	BR	EA	EA	EA	EA	NV	EA	BR	BR	BR
Bank modification(s)	RI	NO	NO	RI	NO	RI	NO	RS	RI	RS
Bank feature(s)	NO	NO	PB	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	SC	IG	IG	IG	SU	SU	SU	SU
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	S	S	U	S	S
LEFT BANK FACE	S	S	B	S	C	S	S	S	B	S
RIGHT BANK FACE	B	C	S	S	S	S	C	S	U	S
RIGHT BANK-TOP	U	U	U	U	S	S	S	B	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	SU	IG	IG	IG	SU	SU	SU	SU	SU	SU

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/	/
NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	E
Emergent broad-leaved herbs	/		/	/	/					/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved	/	/							/	/
Filamentous algae	/								/	/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	3.2	Bankfull width (m)	2.5	Banktop height (m)	1.1
Banktop = Bankfull?	N	Water width (m)	1.75	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments	2	
Sluices				Outfalls	1	
Culverts				Fords		
Bridges			2	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input checked="" type="checkbox"/>	Waterfalls >5m high <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
	Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
	Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
	Leafy debris <input type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: TIPPING LITTER HOUSING
Land Management: PARKLAND
Animals:
Other significant observations:

S ALDERS

Alders: None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	0	Slope (m/km)	0	Flow category (1-10)	0
BGS Solid geology code	0	BGS Drift geology code	0	Planform category	0
Distance from source(km)	0	Significant tributary?	0	Navigation?	0
Height of source(m)	0	Water Quality class	0	RHS Segment type	0

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14549

Grid reference: * 0 River: DELETED 59

Date: 0 /1997 Time: 0.00 Surveyor: Accred. code:

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	concave/bowl
deep vee	symmetrical
gorge	asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Badland/mixed woodland (BL)		Rough pasture (RP)	
Coniferous plantation (CP)		Improved/semi-improved grass (IG)	
Orchard (OR)		Tilled land (TL)	
Farmland/heath (MH)		Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)		Suburban/urban development (SU)	
Open water (OW)		Rock and scree (RS)	

I BANK PROFILES

Bar/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
None	X	X	Shading of channel	None	Present E (>33%)
Isolated/scattered			Overhanging boughs		
Regularly spaced, single			Exposed bankside roots		
Occasional clumps			Underwater tree roots		
Semi-continuous			Fallen trees		
Continuous			Coarse woody debris		

K EXTENT OF CHANNEL FEATURES

Channel Feature	None	Present E	Channel Feature	None	Present E (>33%)
Waterfall(s)			Marginal deadwater		
Cascade(s)			Exposed bedrock		
Rapid(s)			Exposed boulders		
Riffle(s)			Unvegetated mid-channel bar(s)		
Run(s)			Vegetated mid-channel bar(s)		
Boil(s)			Mature island(s)		
Glide(s)			Unvegetated side bar(s)		
Pool(s)			Vegetated side bar(s)		
Ponded reach(es)			Discrete silt deposit(s)		
			Discrete sand deposit(s)		

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material										
Bank modification(s)										
Bank feature(s)										
CHANNEL										
Channel substrate										
Flow type										
Channel modification(s)										
Channel feature(s)										
RIGHT BANK										
Material										
Bank modification(s)										
Bank feature(s)										

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	
LEFT BANK-TOP	
LEFT BANK FACE	
RIGHT BANK FACE	
RIGHT BANK-TOP	
LAND USE WITHIN 5m OF BANK TOP (R)	

G CHANNEL VEGETATION TYPES

NONE	
Liverworts/mosses/lichens	
Emergent broad-leaved herbs	
Emergent reeds/sedges/rushes	
Floating-leaved (rooted)	
Free-floating	
Amphibious	
Submerged broad-leaved	
Submerged linear-leaved	
Submerged fine-leaved	
Filamentous algae	

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
Banktop = Bankfull?	Water width (m)	Banktop = Bankfull?
Embanked height (m)	Water depth (m)	Embanked height (m)

If trashline lower than break in slope, indicate: height above water(m) = *

Bed material at site is: consolidated - unconsolidated - unknown

Location of measurement is: riffle - run or glide - other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weir				Revetments		
				Outfalls		
				Fords		
				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None X

Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	122	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	3
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	343	Water Quality class	1	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14550

Grid reference: SS 638390 River: RYE STREAM 101

Date: 22/1 /1997 Time: 9.45 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee		symmetrical	
gorge	<input checked="" type="checkbox"/>	asymmetrical	

Terraced valley? No Yes

NUMBER OF RIPPLES, POOLS AND POINT BARS

Ripples	4	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)		E	Rough pasture (RP)	E	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	E	
Sub (SC)	/	/	Open water (OW)		/
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut	E	E	Reinforced - whole bank		
Vertical + toe			Reinforced - top only		
Top >45		E	Reinforced - toe only		
Stile			Artificial two-stage		
Composite			Proached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES		ASSOCIATED FEATURES	
None	Left Right	None Present E (>33%)	
Isolated/scattered	- -	Shading of channel	- X -
Regularly spaced, single	- -	Overhanging boughs	- X -
Occasional clumps	- -	Exposed bankside roots	- X -
Semi-continuous	- -	Underwater tree roots	- X -
Continuous	X X	Fallen trees	- X -
		Coarse woody debris	- X -

K EXTENT OF CHANNEL FEATURES

	None Present E		None Present E (>33%)
Waterfall(s)	X - -	Marginal deadwater	- X -
Cascade(s)	- X -	Exposed bedrock	- X -
Rapid(s)	- X -	Exposed boulders	- X -
Riffle(s)	- - X	Unvegetated mid-channel bar(s)	X - -
Run(s)	- X -	Vegetated mid-channel bar(s)	X - -
Boil(s)	- X -	Mature island(s)	X - -
Glides(s)	- X -	Unvegetated side bar(s)	- X -
Pool(s)	X - -	Vegetated side bar(s)	X - -
Ponded reach(es)	X - -	Discrete silt deposit(s)	X - -
		Discrete sand deposit(s)	X - -

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	BE	BE	EA	EA	BO	EA
Bank modification(s)	PC	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	SC	NO	SB	NO	NO	NO

CHANNEL

Channel substrate	P	CO	P	CO	BE	P	CO	CO	CO	G
Flow type	RP	UW	UW	UW	UW	RP	BW	UW	UW	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	DA
Channel feature(s)	RO	RO	NO	NO	RO	RO	RO	RO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	BE	BE	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SC	SC	SC	SC	SC	SC	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	WL	RP	WL	BL	BL	WL	WL	WL	BL	TH
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	U	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	C	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	SC	BL	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	E
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes	/									/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	0.65	Bankfull width (m)	6.0	Banktop height (m)	7.0
Banktop = Bankfull?	Y	Water width (m)	4.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated - Unknown

Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	Wood-cutting
	Enhancement	Other?	X

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
	Natural open water	Carr	Floating mat
X	Water meadow	Marsh	Other
X	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Small and bigger fish. Tree cutting/felling.

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	64	Slope (m/km)	4	Flow category (1-10)	4
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	23	Significant tributary?	N	Navigation?	N
Height of source(m)	255	Water Quality class	1.5	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14551

Grid reference: SS 691136 River: LITTLE DART 102

Date: 23/1 /1997 Time: 10.30 Surveyor: JP Accred code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Badland/mixed woodland (BL)				
Coniferous plantation (CP)		/	Improved/semi-improved grass (IG)	E E
Orchard (OR)			Tilled land (TL)	
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Scrub (SC)			Open water (OW)	
Wild herbs (TH)		/	Suburban/urban development (SU)	/
			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Step >45	/	/	Reinforced - top only		
Stippled			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots		X
Occasional clumps			Underwater tree roots		X
Semi-continuous			Fallen trees	X	
Continuous	X	X	Coarse woody debris		X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)		X	Exposed bedrock		X
Rapid(s)		X	Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Ruin(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)		X	Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)		X
Pool(s)	X		Vegetated side bar(s)		X
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BE	EA	BE	EA	EA	BR	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	RI	RI	NO	PC	NO	NO
Bank feature(s)	NO	SC	SC	SC	NO	NO	EC	EC	SC	EC
CHANNEL										
Channel substrate	BE	BE	BE	CO	CO	CO	CO	BE	BE	CO
Flow type	UW	UW	BW	RP	RP	SM	RP	RP	UW	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	RO	RO	NO	NO	NO	VB	NO	RO	NO
RIGHT BANK										
Material	EA	BE	BE	EA	EA	CC	EA	EA	EA	BE
Bank modification(s)	NO	NO	NO	PC	NO	RI	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	NO	SC	NO	SC	SC	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	SU	SU	SU	RP	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	U	U	U	S	U	B	S	U	U	U
LEFT BANK FACE	S	S	S	S	S	S	S	B	U	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	U	U	U	U	U	U	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	TH	TH	TH	CP

G CHANNEL VEGETATION TYPES

NONE					/					/
Liverworts/mosses/lichens	/	/	E	/	/		/	/		E
Emergent broad-leaved herbs							/	/		/
Emergent reeds/sedges/rushes		/	/				E	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.4	Bankfull width(m) 16.0	Banktop height(m) 1.2
Banktop = Bankfull?	N	Water width(m) 15.0	Banktop = Bankfull? Y
Embanked height(m)	0.0	Water depth(m) 0.6	Embanked height(m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	3	
Culverts				Fords		
Bridges	1			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input checked="" type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
Leafy debris <input type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: LITTER ROAD

Land Management:

Animals: KINGFISHER

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	82	Slope (m/km)	5.7	Flow category (1-10)	4
BGS Solid geology code	79	BGS Drift geology code	0	Planform category	2
Distance from source(km)	19.5	Significant tributary?	N	Navigation?	N
Height of source(m)	450	Water Quality class	1	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14552

Grid reference: SS 678282 River: BRAY 103
 Date: 21/1 /1997 Time: 16.45 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes -
 Bed of river visible? No Part. Entire. X
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left X Right X Channel X
 SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	X	symmetrical
gorge		symmetrical
Terraced valley?	No X Yes -	

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)		/	Rough pasture (RP)		
Coniferous plantation (CP)	E		Improved/semi-improved grass (IG)		E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

Artificial/unmodified	L	R	Artificial/unmodified	L	R
Vertical/undercut	E		Resectioned		
Vertical + toe			Reinforced - whole bank		
Toe >45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present E (>33%)	None	Present E (>33%)	None	Present E (>33%)
None	-	-	-	-	Shading of channel	X
Isolated/scattered	-	-	-	-	Overhanging boughs	X
Regularly spaced, single	-	-	-	-	Exposed bankside roots	X
Occasional clumps	-	X	-	-	Underwater tree roots	X
Semi-continuous	-	-	-	-	Fallen trees	X
Continuous	X	-	-	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None		Present E		None		Present E (>33%)	
	None	Present E	None	Present E	None	Present E	None	Present E
Waterfall(s)	X	-	-	-	Marginal deadwater	-	X	-
Cascade(s)	-	X	-	-	Exposed bedrock	-	X	-
Rapid(s)	-	-	-	-	Exposed boulders	X	-	-
Riffle(s)	-	-	X	-	Unvegetated mid-channel bar(s)	X	-	-
Run(s)	-	X	-	-	Vegetated mid-channel bar(s)	X	-	-
Boil(s)	-	X	-	-	Mature island(s)	X	-	-
Glide(s)	-	-	X	-	Unvegetated side bar(s)	X	-	-
Pool(s)	X	-	-	-	Vegetated side bar(s)	X	-	-
Ponded reach(es)	X	-	-	-	Discrete silt deposit(s)	X	-	-
					Discrete sand deposit(s)	X	-	-

Spot check 1 is at: upstream end downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	BE	BE	EA	EA	BE	EA	EA	EA	BE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SC	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	BE	BE	BE	P	BE	BE	BE	BE	CO	BE
Flow type	UW	BW	UW	SM	SM	SM	RP	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	BE	BE	BE	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	PC
Bank feature(s)	SC	SC	SC	NO	NO	NO	NO	SC	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)										
	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	U	U	U	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)										
	BL	BL	BL	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE				/	/			/	--	
Liverworts/mosses/lichens	/	/	/			/	/	/	/	/
Emergent broad-leaved herbs							/			/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.25	Bankfull width (m)	11.0	Banktop height (m)	1.75
Banktop = Bankfull ?	*	Water width (m)	10.0	Banktop = Bankfull ?	*
Embanked height (m)	0.0	Water depth (m)	0.5	Embanked height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.6					
Bed material at site is: consolidated - unconsolidated X unknown -					
Location of measurement is: riffle X run or glide - other -					

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1						Revetments		
Sluices							Outfalls		
Culverts							Fords		
Bridges			1				Deflectors		
							Other		

Is water impounded by weir/dam? No Yes <33% of site X >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Carr
Debris dam	-	Water meadow	-	Marsh
Leafy debris	X	Fen	-	Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: Seawall

S ALDERS

Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	105	Slope (m/km)	3.3	Flow category (1-10)	3
BGS Solid geology code	85	BGS Drift geology code	0	Platform category	2
Distance from source(km)	8.5	Significant tributary?	Y	Navigation?	N
Height of source(m)	230	Water Quality class	1.5	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14553

Grid reference: SS 709010 River: YEO 104

Date: 23/09 /1997 Time: 10.00 Surveyor: LC Accred code: MN60

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	4	Unvegetated point bar	2
Pools	9	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Callow/mixed woodland (BL)	/	/		E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)			Open water (OW)	
Suburban/urban development (SU)	/	/	Suburban/urban development (SU)	
Rock and scree (RS)			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Toe > 45		/	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	E
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
			None	Present	E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous	X	X	Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E (>33%)	None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater		X
Cascade(s)	X			Exposed bedrock		X
Rapid(s)	X			Exposed boulders	X	
Riffle(s)		X		Unvegetated mid-channel bar(s)	X	
Run(s)		X		Vegetated mid-channel bar(s)	X	
Boil(s)	X			Mature island(s)	X	
Slide(s)		X		Unvegetated side bar(s)		X
Pool(s)			X	Vegetated side bar(s)		X
Ponded reach(es)	X			Discrete silt deposit(s)		X
				Discrete sand deposit(s)		X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	CL	EA	EA	EA	CL	NV	BR	EA
Bank modification(s)	NO	NO	NO	PC	NO	NO	NO	NO	RI	PC
Bank feature(s)	SC	NO	SC	NO	SC	SC	SC	SC	NO	NO
CHANNEL										
Channel substrate	G	SI	SI	G	SI	G	SI	SI	CO	SA
Flow type	NP	NP	NP	SM	NP	SM	NP	NP	NP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	BR	BE
Bank modification(s)	NO	NO	NO	PC	NO	PC	PC	NO	RI	NO
Bank feature(s)	VS	SC	NO	NO	SC	NO	NO	SC	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	U	U	U	U	U	U	U	C	S
LEFT BANK FACE	S	S	B	C	S	S	S	S	B	B
RIGHT BANK FACE	S	B	S	S	C	S	S	S	B	S
RIGHT BANK-TOP	S	U	S	S	U	U	B	U	B	U
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	RP	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										/
Liverworts/mosses/lichens										/
Emergent broad-leaved herbs					/					/
Emergent reeds/sedges/rushes								E		/
Floating-leaved (rooted)										/
Free-floating	/	/	/	/	/	/	/	/	/	/
Amphibious	/				/					/
Submerged broad-leaved										/
Submerged linear-leaved										/
Submerged fine-leaved										/
Filamentous algae				/				/		/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
2.0	9.5	1.5
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? Y
	2.5	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.1	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			I	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	X
Waterfalls >5m high	
Artificial open water	
Bog	
Fringing reed bank	
Braided/side channels	
Natural open water	
Carr	
Floating mat	
Debris dam	
Water meadow	
Marsh	
Other	
Leafy debris	
Fen	
Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, > more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	174	Slope (m/km)	25	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3.5	Significant tributary?	N	Navigation?	N
Height of source(m)	260	Water Quality class	0	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14554

Grid reference: SS 717311 River: TRIB OF MOLE 105
 Date: 21/1 /1997 Time: 11.50 Surveyor: JP Accred code: MN61

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee symmetrical
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 3 Unvegetated point bar 3
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Cereal/mixed woodland (BL)	/	E	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Titled land (TL)		
Grassland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	
Open water (OW)			Open water (OW)		/
Suburban/urban development (SU)	/	/	Suburban/urban development (SU)	/	/
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut	E	E	Reinforced - whole bank	/	/
Vertical + toe			Reinforced - top only		
Composite	/	/	Reinforced - toe only		
			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps	X		Underwater tree roots	X	
Semi-continuous		X	Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)			Exposed bedrock	X	
Rapid(s)		X	Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)		X	Mature island(s)		X
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)		X
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	BR	CO	EA	EA	BE	BR	EA
Bank modification(s)	NO	NO	NO	RI	NO	NO	NO	NO	RI	NO
Bank feature(s)	NO	NO	SC	SC	NO	NO	NO	SC	NO	NO

CHANNEL

Channel substrate	P	CO	P	CO	CO	CO	CO	P	CO	CO
Flow type	UW	UW	RP	RP	BW	UW	UW	UW	UW	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	NO	NO	NO	VB	RO	RO	VB	MI

RIGHT BANK

Material	EA	EA	EA	EA	EA	BE	EA	CO	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RS	NO	NO
Bank feature(s)	NO	NO	NO	PB	NO	VP	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	IG	IG	BL	SC	TH	TH	SU	SU	WL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	U
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	TH	BL	WL	BL	BL	BL	IG	SU	RP	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	E	E	/	/		E	/	/	/	E
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes										/
Floating-leaved (rooted)										/
Free-floating										
Amphibious										
Submerged broad-leaved	/									/
Submerged linear-leaved									/	/
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.6	Bankfull width (m) 3.5
Banktop = Bankfull?	N	Banktop = Bankfull? Y
Embanked height (m)	0.0	Water depth (m) 0.2
		Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs		I		Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges		I		Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

Waterfalls >5m high		Artificial open water	X	Bog		Fringing reed-bank	
Braided/side channels		Natural open water		Carr		Floating mat	
Debris dam		Water meadow		Marsh		Other	
Leafy debris	X	Fen		Flush	X		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: MILL ROAD
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14555

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	65	Slope (m/km)	15	Flow category (1-10)	1
BGS Solid geology code	B1	BGS Drift geology code	0	Planform category	3
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	206	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14555

Grid reference: SS 721161 River: HUNTA-COTT WATER 106

Date: 22/1 /1997 Time: 15.10 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	12	Unvegetated point bar	6
Pools	3	Vegetated point bar	3

Output created by IFE, Wareham on 09/02/1998

E NO. 14555 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14555

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Alfalfa/mixed woodland (BL)	E	E	Rough pasture (RP)		E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/unmodified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut	E	E	Reinforced - whole bank		
Vertical + toe			Reinforced - top only		
Top >45	/		Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots		X
Occasional clumps			Underwater tree roots	X	
Semi-continuous		X	Fallen trees	X	
Continuous	X		Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock		X
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)		X
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)		X	Mature island(s)	X	
Glides(s)		X	Unvegetated side bar(s)		X
Pool(s)		X	Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14555

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BE	BE	BE	BE	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	NO	SB	NO	PB	EC	EC	SB	NO
CHANNEL										
Channel substrate	CO	CO	CO	CO	CO	BE	CO	CO	CO	CO
Flow type	UW	SM	RP	RP	RP	SM	NP	SM	UW	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	NO	NO	RO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	CL	CO	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	PB	SB	VS	NO	NO	EC	PB	NO	EC	PB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IC	BL	BL	BL	BL	BL	BL	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	U	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	B	S	S
RIGHT BANK FACE	S	S	S	S	S	B	S	S	B	S
RIGHT BANK-TOP	U	U	S	U	S	U	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	RP	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/	/
NONE										
Liverwort/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs			/							/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

1997 RIVER HABITAT SURVEY page 4 of 4 14555

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.65	Bankfull width (m)	5.4	Banktop height (m)	0.7
Banktop = Bankfull?	Y	Water width (m)	5.3	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Shoices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
	Braided/side channels	Natural open water	Carr	Floating mat
	Debris dam	X Water meadow	Marsh	Other
	Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	145	Slope (m/km)	5	Flow category (1-10)	4
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	15	Significant tributary?	N	Navigation?	N
Height of source(m)	434	Water Quality class	1	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14556

Grid reference: SS 737485 River: EAST LYN 107
 Date: 1/1/1997 Time: 11.00 Surveyor: LC Accred. code: MN60

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee		symmetrical
<input checked="" type="checkbox"/> gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Mixed woodland (BL)	E	E	Rough pasture (RP)		
Cumiferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)	/	/

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	
Top >45	/	/	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	-	X	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	-	X	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BR	BE	BO	BE	BO	BO	BE	BE	BE	BE
Bank modification(s)	RI	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	SB	SB	NO	NO	NO	NO
CHANNEL										
Channel substrate	BO	BO	BO	GP	BO	BO	BO	BO	BO	BO
Flow type	BW	CH	CF	SM	RP	CF	RP	CF	CF	CF
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	RO	RO	RO	RO	RO	RO	RO	RO	RO

RIGHT BANK

Material	BO	BO	BO	BO	BO	BE	BO	BO	BE	BE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	U	S	S	S	S	C	S	S	S	S
LEFT BANK FACE	U	S	U	S	S	C	S	C	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

	/	/	E	/	E	/	/	E	E	E
NONE										
Liverworts/mosses/lichens	/	/	E	/	E	/	/	E	E	E
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
*	18.0	*
Banktop = Bankfull? N	Water width (m)	Banktop = Bankfull? N
	8.0	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.2	0.0

If trashline lower than break in slope, indicate: height above water(m) = 7.0
 Bed material at site is: consolidated - unconsolidated X unknown -
 Location of measurement is: riffle - run or glide - other X

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			2	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	X			
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Carr
Debris dam	-	Water meadow	-	Marsh
Leafy debris	-	Fen	-	Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: OTTER DIPPER
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14557

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m) 118 Slope (m/km) 8 Flow category (1-10) 3
 RGS Solid geology code 79 BGS Drift geology code 0 Planform category 3
 Distance from source(km) 10.5 Significant tributary? N Navigation? N
 Height of source(m) 348 Water Quality class 1 RHS Segment type 2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14557

Grid reference: SS 738278 River: MOLE 108

Date: 20/1 /1997 Time: 14.40 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee symmetrical
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 4 Unvegetated point bar 3
 Pools 0 Vegetated point bar 1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	/	/	Rough pasture (RP)	E	E
Coniferous plantation (CP)	/	/	Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		/
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Top >45		/	Reinforced - top only		
Stile			Reinforced - toe only		
Composite			Artificial two-stage		/
			Poached		
			Embanked		
			Set-back embankments		

EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps	X	X	Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock		X
Rapid(s)		X	Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boils		X	Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	PB	PB	NO	NO	NO	PB	EC	NO	NO
CHANNEL										
Channel substrate	P	CO	CO	BE	BE	BE	CO	BE	CO	NV
Flow type	RP	BW	UW	RP	UW	RP	UW	UW	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	CO	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	EC	NO	NO	NO	EC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	BL	BL	RP	RP	BL	RP	RP	RP
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	U	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	B	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	B	B	S	U	S	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	RP	IG	IG	SU	SU	BL	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	E
Emergent broad-leaved herbs		/					/	/	/	/
Emergent reeds/sedges/rushes					/			/		
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.35	Bankfull width (m) 7.0	Banktop height (m) 1.15
Banktop = Bankfull? N	Water width (m) 6.0	Banktop = Bankfull? N	
Embanked height (m) 0.0	Water depth (m) 0.5	Embanked height (m) 0.0	

If trashline lower than break in slope, indicate: height above water(m) = 1.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	I	
Culverts				Fords		
Bridges	I			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	X

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders: None Present Extensive Diseased alders: None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m) 333 Slope (m/km) 13.3 Flow category (1-10) 1
 BGS Solid geology code 77 BGS Drift geology code 0 Planform category 3
 Distance from source(km) 6 Significant tributary? N Navigation? N
 Height of source(m) 438 Water Quality class 1 RHS Segment type 10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14558

Grid reference: SS 751389 River: BARLE 109
 Date: 21/1 /1997 Time: 14.20 Surveyor: JP Accred. code: MN61
 Adverse conditions? No Yes X
 Bed of river visible? No Part Entire X
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left X Right X Channel X
 SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee symmetrical
 gorge X asymmetrical

Terraced valley? No X Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 7 Unvegetated point bar 3
 Pools 1 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/mixed woodland (BL)			Rough pasture (RP)		E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Titled land (TL)		
Land/heath (MH)	E		Wetland (eg bog, marsh, fen)(WL)		/
Open water (OW)			Open water (OW)		/
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified			Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Toe	E	E	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None		X	Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps	X		Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascades		X	Exposed bedrock		X
Rapid(s)		X	Exposed boulders		X
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)		X	Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)		X	Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BE	EA	EA	EA	BE	EA	EA	EA	CO	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SC	SC	NO	NO	NO	NO	PB
CHANNEL										
Channel substrate	CO	CO	CO	CO	BE	BE	CO	CO	CO	GP
Flow type	RP	RP	RP	UW	BW	RP	UW	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	RO	RO	RO	RO	NO	NO	NO	RO	RO
RIGHT BANK										
Material	BE	EA	EA	EA	BE	EA	EA	GS	GS	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	PB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	MH	MH	MH	MH	MH	RP
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	U	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	U	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	WL	RP	RP	RP	RP	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	E	/	/	E	E	/	/	/	/	E
Emergent broad-leaved herbs			/	/						/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved					/					/
Submerged linear-leaved										
Submerged fine-leaved	/	/	/	/	/	/	/	/	/	/
Filamentous algae					/					/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m) 0.65	Bankfull width (m) 6.8	Banktop height (m) 0.65
Banktop = Bankfull? Y	Water width (m) 6.3	Banktop = Bankfull? Y
Embanked height (m) 0.0	Water depth (m) 0.35	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated - unconsolidated - X unknown -
 Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting -
 Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None
 Waterfalls >5m high - Artificial open water - Bog X Fringing reed-bank -
 Braided/side channels - Natural open water X Carr - Floating mat -
 Debris dam - Water meadow - Marsh - Other -
 Leafy debris - Fen - Flush -

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	100	Slope (m/km)	6.6	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	136	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14559

Grid reference: SS 774037 River: ASH BROOK 110
 Date: 23/09 /1997 Time: 12.30 Surveyor: LC Accred. code: MN60

Adverse conditions? No Yes
 Bed of river visible? No Part Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	2
Pools	2	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	E	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/Semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		/
Sub (SC)	/	/	Open water (OW)		
Urban herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned	E	/
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only	/	
Stile	/		Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked	/	
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present	E (>33%)
None	-	-	Shading of channel	-	-	X
Isolated/scattered	-	-	Overhanging boughs	-	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X	-
Occasional clumps	-	-	Unvegetated mid-channel bar(s)	X	-	-
Semi-continuous	X	X	Vegetated mid-channel bar(s)	X	-	-
Continuous	-	-	Mature island(s)	X	-	-
			Unvegetated side bar(s)	X	-	-
			Vegetated side bar(s)	X	-	-
			Discrete silt deposit(s)	-	-	X
			Discrete sand deposit(s)	X	-	-

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present	E	Marginal deadwater	None	Present	E (>33%)
Cascade(s)	X	-	-	Exposed bedrock	X	-	-
Rapid(s)	X	-	-	Exposed boulders	X	-	-
Riffle(s)	X	-	-	Unvegetated mid-channel bar(s)	X	-	-
Run(s)	-	X	-	Vegetated mid-channel bar(s)	X	-	-
Boil(s)	X	-	-	Mature island(s)	X	-	-
Glide(s)	X	-	-	Unvegetated side bar(s)	X	-	-
Pool(s)	-	-	X	Vegetated side bar(s)	X	-	-
Ponded reach(es)	X	-	-	Discrete silt deposit(s)	-	-	X
				Discrete sand deposit(s)	X	-	-

Spot check 1 is at upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	CL	CL	CL	CC	EA	EA
Bank modification(s)	NO	RS	NO	RS	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	EC	SC	SC	SC	SC	SC

CHANNEL

Channel substrate	SI	SI	SI	SI	G	G	SI	SI	SI	SI
Flow type	SM	NP	SM	NP	SM	RP	NP	SM	SM	NP
Channel modification(s)	NO	RS	NO	RS	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	CL	CL	CL	EA	EA
Bank modification(s)	NO	NO	PC	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	NO	NO	NO	SC	SC	SC	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	BL	BL	BL	BL	BL
LEFT BANK-TOP	U	U	B	U	U	C	C	C	C	C
LEFT BANK FACE	S	B	U	U	S	S	S	B	S	S
RIGHT BANK FACE	U	S	S	U	S	S	S	S	S	S
RIGHT BANK-TOP	U	S	S	S	S	C	C	C	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	BL	SC	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens										
Emergent broad-leaved herbs					E					/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.0	1.75	0.75
Banktop = Bankfull?	Water width (m)	Banktop = Bankfull?
N	1.0	Y
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.1	0.0

If trushline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated unconsolidated Unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	I	
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	X	Dredging	-	Mowing	-	Weed-cutting	-
		Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST

None	X						
Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Car	-	Floating mat	-
Debris dam	-	Water meadow	-	Marsh	-	Other	-
Leafy debris	-	Fen	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: MINK
 Other significant observations: Deer in woodland.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	353	Slope (m/km)	30	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	1	Significant tributary?	N	Navigation?	N
Height of source(m)	429	Water Quality class	0	RHS Segment type	11

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14560

Grid reference: SS 784425 River: UN-NAMED TRIB. OF BADGWOR
 Date: 17/09 /1997 Time: 12.35 Surveyor: DS Accred. code: MN59

Adverse conditions? No X Yes
 Bed of river visible? No Part. Entire X
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left Right Channel X

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
X deep vee		symmetrical
gorge		asymmetrical

Terraced valley? No X Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	14	Unvegetated point bar	1
Pools	0	Vegetated point bar	2

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Shrub/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Grassland/heath (MH)	E	E	Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

Artificial/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Toe >45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	X		X		None	Present	E (>33%)
Isolated/scattered					Shading of channel	X	
Regularly spaced, single					Overhanging boughs	X	
Occasional clumps					Exposed bankside roots	X	
Semi-continuous					Underwater tree roots	X	
Continuous					Fallen trees	X	
					Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present	E	Marginal deadwater	None	Present	E (>33%)
Cascade(s)		X		Exposed bedrock	X		
Rapid(s)	X			Exposed boulders	X		
Riffle(s)			X	Unvegetated mid-channel bar(s)	X		
Run(s)		X		Vegetated mid-channel bar(s)	X		
Boil(s)	X			Mature island(s)		X	
Glide(s)		X		Unvegetated side bar(s)	X		
Pool(s)	X			Vegetated side bar(s)	X		
Ponded reach(es)	X			Discrete silt deposit(s)		X	
				Discrete sand deposit(s)	X		

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	VP	NO	NO	NO

CHANNEL										
Channel substrate	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Flow type	RP	RP	RP	UW	SM	SM	RP	SM	UW	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs										/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)					/					/
Free-floating										
Amphibious	/	/	/	/	/	/	/	/	/	/
Submerged broad-leaved										/
Submerged linear-leaved										
Submerged fine-leaved						E	/	/	/	E
Filamentous algae	/		E	/	/	/	/	/	/	E

I CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	0.4	Bank full width (m)	1.0	Banktop height (m)	0.45
Banktop = Bankfull ?	Y	Water width (m)	1.0	Banktop = Bankfull ?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated - unconsolidated X unknown -
 Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None		Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs					Revetments		
Sluices					Outfalls		
Culverts					Fords		
Bridges					Deflectors		
					Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting -
 Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None					
Waterfalls >5m high		Artificial open water		Bog	Fringing reed-bank
Braided/side channels		Natural open water		Carr	Floating mat
Debris dam		Water meadow		Marsh X	Other
Leafy debris		Fen		Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

BACKGROUND MAP-BASED INFORMATION

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude, Slope, Flow category, BGS Solid geology code, etc.

FIELD SURVEY DETAILS

Reference site number: 14561

Grid reference: SS 784303 River: UN-NAMED TRIB. OF YEO 112

Date: 21/1 /1997 Time: 10.15 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes - Bed of river visible? No - Part - Entire X Duplicate photographs: general character? No - Yes X

PREDOMINANT VALLEY FORM

Table with 2 columns: Valley form (shallow vee, deep vee, gorge) and associated characteristics.

Terraced valley? No - Yes X

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 2 columns: Feature (Riffles, Pools, Unvegetated point bar, Vegetated point bar) and Count.

Output created by IFE, Wareham on 09/02/1998

LAND USE WITHIN 50m OF BANKTOP

Table with 4 columns: Land use type (Woodland, Orchard, etc.), L, R, and associated codes.

BANK PROFILES

Table with 4 columns: Profile type (Natural/unmodified, Vertical/undercut, etc.), L, R, and associated codes.

EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Tree extent (None, Isolated, etc.), Left, Right, and Associated Features (Shading, Overhanging, etc.).

EXTENT OF CHANNEL FEATURES

Table with 6 columns: Channel feature (Waterfall, Cascade, etc.), None, Present, and associated codes.

Spot check 1 is at: upstream end X downstream end

PHYSICAL ATTRIBUTES

Table with 11 columns (1-11) and 4 rows (LEFT BANK, CHANNEL, RIGHT BANK) for various attributes like Material, Bank modification, etc.

BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns and 6 rows for land use and vegetation structure (LEFT BANK TOP, LEFT BANK FACE, etc.).

CHANNEL VEGETATION TYPES

Table with 11 columns and 10 rows for channel vegetation types (NONE, Liverworts, Emergent broad-leaved herbs, etc.).

CHANNEL DIMENSIONS

Table with 3 columns: LEFT BANK, CHANNEL, RIGHT BANK and 4 rows: Banktop height, Banktop = Bankfull?, Embanked height, etc.

Bed material at site is: consolidated - unconsolidated - X unknown - Location of measurement is: riffle X run or glide - other -

ARTIFICIAL FEATURES

Table with 7 columns: Feature (Weirs, Sluices, etc.), Major, Intermediate, Minor.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

EVIDENCE OF RECENT MANAGEMENT

Table with 4 columns: Management type (None, Dredging, Mowing, Weed-cutting) and status.

FEATURES OF SPECIAL INTEREST

Table with 4 columns: Feature (None, Waterfalls, Braided channels, etc.) and status.

CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

NOTABLE NUISANCE PLANTS

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

OVERALL CHARACTERISTICS

Major impacts: LITTER Land Management: Animals: DEER Other significant observations:

ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

1997 RIVER HABITAT SURVEY page 1 of 4 14562

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	241	Slope (m/km)	12.5	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	7	Significant tributary?	N	Navigation?	N
Height of source(m)	408	Water Quality class	1.5	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14562

Grid reference: SS 792475 River: BADGWORTHY 113

Date: 1/1 /1997 Time: 14.20 Surveyor: LC Accred. code: MN60

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	6	Unvegetated point bar	0
Pools	2	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14562

II LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)		/	Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		/
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	X	-
Continuous	X	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None X	Present E	Marginal deadwater	None	Present E (>33%) X
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	-	X	Mature island(s)	-	X
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14562

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	BE	EA	EA	BE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SB	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	G	CO	CO	CO	P	CO	GP	CO
Flow type	SM	SM	SM	UW	CF	CH	RP	RP	SM	CF
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	NO	NO	RO	RO	RO	NO	RO	NO	RO
RIGHT BANK										
Material	EA	EA	EA	EA	NV	BE	NV	BO	NV	BE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	NO	NV	NO	SB	SC	NV	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	U	U	U	U	S	S	S	U	U
LEFT BANK FACE	S	S	S	S	U	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	U	S	S	S	U	S
RIGHT BANK-TOP	U	S	B	B	S	S	S	U	U	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	BL	BL	SC	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/	/								
Liverworts/mosses/lichens			E	E	E	E	E	/	E	E
Emergent broad-leaved herbs			/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved								/	/	/
Filamentous algae	/		/							/

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L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
2.5	10.0	1.5
Banktop = Bankfull? N	Water width (m)	Banktop = Bankfull? Y
	7.0	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.1	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input checked="" type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
	Fen <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	128	Slope (m/km)	10	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance (mm source)(km)	7	Significant tributary?	N	Navigation?	N
Height of source(m)	232	Water Quality class	2	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14563

Grid reference: SS 795234 River: CROOKED OAK 114
 Date: 20/1/1997 Time: 12.50 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	-	concave/bowl
<input type="checkbox"/> deep vee	-	symmetrical
<input type="checkbox"/> gorge	-	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/		Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)	/	/
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut	E	E	Reinforced - whole bank	/	/
Vertical + toe	/	/	Reinforced - top only		
Top >45		/	Reinforced - toe only		/
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	X	X	Unvegetated mid-channel bar(s)	X	-
Semi-continuous	-	-	Vegetated mid-channel bar(s)	X	-
Continuous	-	-	Mature island(s)	-	X
			Unvegetated side bar(s)	X	-
			Vegetated side bar(s)	X	-
			Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	-	X
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	-	X	Mature island(s)	-	X
Glide(s)	X	-	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	CL	EA	EA	EA	EA	CL
Bank modification(s)	PC	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	VS	NO	NO	NO	SC	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	BE	BE	BE	BE	BE	BE	BE	BE
Flow type	UW	UW	RP	RP	BW	UW	UW	RP	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	RO	NO	MI	NO
RIGHT BANK										
Material	BE	BE	CL	CL	CL	CL	CL	EA	EA	
Bank modification(s)	NO	PC	NO	NO	PC	PC	NO	NO	NO	PC
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	U	U	S	U	S	S	S	U	U
LEFT BANK FACE	S	U	B	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	B	S	B	S	S	S	S	S
RIGHT BANK-TOP	U	U	U	U	U	U	U	U	U	B
LAND USE WITHIN 5m OF BANK TOP (R)										
RIGHT BANK-TOP	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
G CHANNEL VEGETATION TYPES										
NONE										
Liverworts/mosses/lichens		/	/	/	/	/	/	/	/	E
Emergent broad-leaved herbs		/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes		/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)		/	/	/	/	/	/	/	/	/
Free-floating		/	/	/	/	/	/	/	/	/
Amphibious		/	/	/	/	/	/	/	/	/
Submerged broad-leaved		/	/	/	/	/	/	/	/	/
Submerged linear-leaved		/	/	/	/	/	/	/	/	/
Submerged fine-leaved		/	/	/	/	/	/	/	/	/
Filamentous algae		/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	2.0	Bankfull width(m)	4.75
Banktop = Bankfull?	*	Water width(m)	4.75
Embanked height(m)	0.0	Water depth(m)	0.2
		Embanked height(m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.5
 Bed material at site is: consolidated unconsolidated unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None
 Waterfalls >5m high Artificial open water Bog Fringing reed-bank
 Braided/side channels Natural open water Carr Floating mat
 Debris dam Water meadow Marsh Other
 Leafy debris Fen Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	212	Slope (m/km)	212	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	273	Water Quality class	0	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14564

Grid reference: SS 841213 River: STURCOMBE 115

Date: 22/1/1997 Time: 9.20 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	19	Unvegetated point bar	1
Pools	3	Vegetated point bar	3

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	E	E	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tiled land (TL)		
Wetland/heath (MH)	/	/	Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Open water (OW)		
Suburban/urban development (SU)	/	/	Suburban/urban development (SU)	/	/
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned	/	/
Vertical + toe			Reinforced - whole bank		
Top >45	/	/	Reinforced - top only		
Stable	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
Isolated/scattered	-	-	-	-	Shading of channel	-	X
Regularly spaced, single	-	-	-	-	Overhanging boughs	-	X
Occasional clumps	-	-	-	-	Exposed bankside roots	X	-
Semi-continuous	-	-	-	-	Underwater tree roots	-	X
Continuous	X	X	-	-	Fallen trees	-	X
					Coarse woody debris	-	-

K EXTENT OF CHANNEL FEATURES

	None		Present		E (>33%)		
	X	-	X	-	None	Present	E (>33%)
Waterfall(s)	X	-	-	-	Marginal deadwater	-	X
Cascade(s)	-	X	-	-	Exposed bedrock	-	X
Rapid(s)	X	-	-	-	Exposed boulders	X	-
Riffle(s)	-	-	X	-	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	-	X	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	-	-	Mature island(s)	X	-
Slide(s)	-	X	-	-	Unvegetated side bar(s)	-	X
Pool(s)	-	X	-	-	Vegetated side bar(s)	X	-
Ponded reaches	X	-	-	-	Discrete silt deposit(s)	X	-
					Discrete sand deposit(s)	X	-

Spot check 1 is at upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	CL	CO	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL										
Channel substrate	G	G	P	CO	BE	CO	CO	CO	CO	BE
Flow type	SM	SM	UW	RP	SM	RP	UW	UW	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	CO	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	PB	SC	SB	EC	EC	PE	NO	NO	EC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 3m OF BANKTOP (L)	BL	BL	TH	BL	BL	BL	BL	BL	SC	BL
LEFT BANK-TOP	C	S	S	S	U	U	C	S	C	S
LEFT BANK FACE	B	U	S	S	U	U	S	U	U	U
RIGHT BANK FACE	U	S	U	U	B	B	S	C	S	B
RIGHT BANK-TOP	C	C	S	S	S	S	S	S	U	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	SC	BL	BL	RP	SC	RP	SC

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens								/		/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										/
Floating-leaved (rooted)										/
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae								/		/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.6	Bankfull width (m) *
Banktop = Bankfull?	Y	Banktop height (m) 2.0
Embanked height (m)	0.0	Water width (m) 2.0
		Banktop = Bankfull? N
		Water depth (m) 0.08
		Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 1.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	2	
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Waterfalls >5m high	-	Natural open water	-	Carr	-	Floating mat	-
Braided/side channels	-	Water meadow	-	Marsh	-	Other	-
Debris dam	-	Fen	-	Flush	-		-
Leafy debris	X						

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: 12 inch outfall from major road (A36) (bridge).
Significant erosion of banks. Through beech wood. Nature reserve. Bridge has little impact.
Unmanaged overall. Irregular meanders.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	243	Slope (m/km)	15	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	3
Distance from source(km)	6.5	Significant tributary?	N	Navigation?	N
Height of source(m)	387	Water Quality class	1	RHS Segment type	10

B FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14565

Grid reference: SS 848300 River: DANES BROOK 116
 Date: 21/1 /1997 Time: 16.40 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee		symmetrical
gorge	<input checked="" type="checkbox"/>	asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	17	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	E	E	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	/	Resectioned		
Vertical + toe			Reinforced - whole bank		
>45	/	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	X	-
Continuous	X	X	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	-	X	Marginal deadwater	-	-
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	-	-	Exposed boulders	-	X
Riffle(s)	-	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Profl(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CO	EA	EA	EA	EA	EA	CO	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SB	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	P	CO	CO	CO	CO	CO	CO	CO	BO
Flow type	UW	SM	UW	RP	RP	RP	UW	CH	UW	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	RO	NO	NO	NO	RO	NO	RO	RO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	BL	BL	BL	BL	BL	BL	RP	RP
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	U	U	C	S	S	S	S	S	U	U
LEFT BANK FACE	B	U	U	U	S	U	U	U	S	U
RIGHT BANK FACE	B	U	S	S	U	U	U	U	S	U
RIGHT BANK-TOP	U	U	S	S	S	C	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	TH	TH	TH	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.75	Bankfull width (m)	*	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	5.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.4	Embanked height (m)	0.0

If bankline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated X unconsolidated unknown
 Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Shoals			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
	Braided/side channels	Natural open water	Carr	Floating mat
	Debris dam	Water meadow	Marsh	Other
	Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: DIPPER
 Other significant observations: Un-managed steep hill stream; recently undergone large scale crest Debris 10-20m each side of bank.

S ALDERS

Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	44	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	85	BGS Drift geology code	5	Planform category	2
Distance from source(km)	3.5	Significant tributary?	Y	Navigation?	N
Height of source(m)	121	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14566

Grid reference: SS 869019 River: SHOBROOK 117

Date: 23/09/1997 Time: 14.50 Surveyor: LC Accred. code: MN60

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/>	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/>	<input type="checkbox"/>	symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/>	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	2
Pools	5	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	I	R
Scrub/mixed woodland (BL)	/	/		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	E
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Sub (SC)	/	/	Open water (OW)	
Tall herbs (TH)	E	E	Suburban/urban development (SU)	
			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Reinforced		
Vertical + toe			Reinforced - whole bank		
Top >45	/	/	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	X	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E	None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-
Cascade(s)	X	-	Exposed bedrock	-
Rapid(s)	X	-	Exposed boulders	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-
Run(s)	-	X	Vegetated mid-channel bar(s)	-
Boil(s)	X	-	Mature island(s)	X
Glides	-	X	Unvegetated side bar(s)	-
Pool(s)	-	X	Vegetated side bar(s)	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-
			Discrete sand deposit(s)	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SB	VP	VS	PB	NO	SC	SC	SC
CHANNEL										
Channel substrate	SI	SI	G	GP	SI	GP	G	GP	G	G
Flow type	NP	NP	SM	SM	NP	SM	NP	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	MB	NO

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	NO	SC	SC	NO	NO	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	SC	TH	BL	TH	IG	TH	IG
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	U	U	U	S	U	S	U	U	S	S
LEFT BANK FACE	C	C	U	S	U	B	U	S	S	S
RIGHT BANK FACE	S	S	C	S	S	B	S	S	S	S
RIGHT BANK-TOP	S	U	U	U	S	S	U	B	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	TH	TH	TL	TL	TL	TL

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/licheas							E			/
Emergent broad-leaved herbs					/		E			/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious							/			/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae							/			/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	6.0	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	3.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sloices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	X			
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Carr
Debris dam	-	Water meadow	-	Marsh
Leafy debris	-	Fen	-	Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettle, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: At DS end of RHS stretch the diversion of the stream is being carried out.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	240	Slope (m/km)	26.7	Flow category (1-III)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	.5	Significant tributary?	N	Navigation?	N
Height of source(m)	255	Water Quality class	0	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14567

Grid reference: SS 872170 River: UN-NAMED TRIB. OF LITTLE

Date: 22/1 /1997 Time: 11.10 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	11	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	I	R
Woodland/mixed woodland (BL)	E	/		E
Croftenerous plantation (CP)			Improved/semi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)	/	/	Open water (OW)	
Tall herbs (TH)	/	/	Suburban/urban development (SU)	
			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	/	/	Reinforced - top only		
Toe			Reinforced - toe only		
Composite	/	/	Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	X	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	X	-
Continuous	X	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	X	-	Exposed boulders	X	-
Riffles(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	CL
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	P	P	CO	CL	P	CO	CO
Flow type	RP	RP	RP	SM	RP	RP	SM	UW	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	CL	EA	CL	CL
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	EC	EC	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	SC	BL	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	S	C	C	S	C	C
LEFT BANK FACE	U	U	S	C	U	U	S	S	U	C
RIGHT BANK FACE	S	B	B	U	B	U	B	B	B	B
RIGHT BANK-TOP	U	S	S	U	U	U	S	S	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	TH	TH	RP	RP	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE	/					/	/	/	/
Liverworts/mosses/lichens		/	/	/					/
Emergent broad-leaved herbs				/					/
Emergent reeds/sedges/rushes				/					/
Floating-leaved (rooted)									
Free-floating									
Amphibious				/	/				/
Submerged broad-leaved									
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.7	Bankfull width (m)	1.5	Banktop height (m)	0.7
Banktop = Bankfull?	Y	Water width (m)	1.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	0.0

If (trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None			
Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: Small shallow moderately steep hill stream. Farm part of conservation farming scheme. Hedge planting and no nitrate fertilizer.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	188	Slope (m/km)	40	Flow category (1-10)	1
BGS Solid geology code	B1	BGS Drill geology code	0	Planform category	2
Distance from source(km)	.5	Significant tributary?	N	Navigation?	N
Height of source(m)	215	Water Quality class	0	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14568

Grid reference: SS 879108 River: UN-NAMED TRIB. OF CREEDY

Date: 6/11 /1997 Time: 16.15 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

- shallow vee	- concave/bowl
<input checked="" type="checkbox"/> deep vee	- symmetrical
- gorge	- asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	E		Rough pasture (RP)	/	
Contiguous plantation (CP)			Improved/semi-improved grass (IG)		E
Orchard (OR)			Titled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		/
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

Vertical/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut		/	Resectioned		
Vertical + toe			Reinforced - whole bank		
Toe > 45		E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Sci-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present E (>33%)	None	Present E (>33%)	None	Present E (>33%)
None					Shading of channel	X
Isolated/scattered					Overhanging boughs	X
Regularly spaced, single					Exposed bankside roots	X
Occasional clumps		X			Underwater tree roots	X
Semi-continuous	X				Fallen trees	X
Continuous					Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None		Present E		None		Present E (>33%)	
	X		X		X		X	
Waterfall(s)	X				Marginal deadwater	X		
Cascade(s)	X				Exposed bedrock	X		
Rapid(s)	X				Exposed boulders	X		
Riffle(s)		X			Unvegetated mid-channel bar(s)	X		
Run(s)	X				Vegetated mid-channel bar(s)	X		
Boil(s)	X				Mature island(s)	X		
Glide(s)	X				Unvegetated side bar(s)	X		
Pool(s)	X				Vegetated side bar(s)	X		
Ponded reach(es)	X				Discrete silt deposit(s)	X		
					Discrete sand deposit(s)	X		

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA				
Bank modification(s)	EM	PC	EM	NO	NO	NO	NO			
Bank feature(s)	NO	NO	PB	NO	NO	NO				

CHANNEL

Channel substrate	P	P	P	NV	P	P				
Flow type	RP	SM	UW	NP	NP	UW				
Channel modification(s)	NO	NO	NO	NO	NO	NO				
Channel feature(s)	NO	NO	NO	NO	NO	NO				

RIGHT BANK

Material	EA	CL	CL	EA	EA	EA				
Bank modification(s)	NO	NO	NO	EM	NO	EM				
Bank feature(s)	NO	NO	EC	NO	NO	NO				

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	BL	BL
LEFT BANK-TOP	C	C	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S
RIGHT BANK-TOP	S	U	S	C	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	IG	IG	WL	WL	WL

G CHANNEL VEGETATION TYPES

NONE				NV	NV	NV
Liverworts/mosses/lichens	/	/	/			/
Emergent broad-leaved herbs						
Emergent reeds/sedges/rushes						
Floating-leaved (rooted)						
Free-floating						
Amphibious						
Submerged broad-leaved						
Submerged linear-leaved						
Submerged fine-leaved						
Filamentous algae						

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.6	Bankfull width (m)	3.5	Banktop height (m)	1.3
Banktop = Bankfull?	N	Water width (m)	1.3	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords	1	
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank	
Braided/side channels	Natural open water	Carr	Floating mat	
Debris dam	Water meadow	Marsh	Other	
Leafy debris	Fen	Flush	X	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	65	Slope (m/km)	10	Flow category (I-III)	I
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	11	Significant tributary?	N	Navigations?	N
Height of source(m)	262	Water Quality class	2	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14569

Grid reference: SS 925092 River: DART 122

Date: 5/11 /1997 Time: 16.45 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C. PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee		X	symmetrical
gorge			asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	6	Unvegetated point bar	3
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		/
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Artificial/modified		
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Toe >45	/		Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present E	None	Present E (>33%)	None	Present E (>33%)
None	-	-	-	-	Shading of channel	-
Isolated/scattered	-	-	-	-	Overhanging boughs	-
Regularly spaced, single	-	-	-	-	Exposed bankside roots	-
Occasional clumps	-	-	-	-	Underwater tree roots	X
Semi-continuous	X	X	-	-	Fallen trees	X
Continuous	-	-	-	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Bank(s)	X	-	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Point(s)	X	-	Vegetated side bar(s)	X	-
Flooded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	NV	EA	EA	EA			
Bank modification(s)	NO	NO	NO	NK	NO	NO	NO			
Bank feature(s)	VP	PB	NO	NV	PB	SC	NO			

CHANNEL

Channel substrate	P	NV	P	NV	NV	NV	BE			
Flow type	SM	RP	RP	SM	SM	SM	UW			
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO			
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO			

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA			
Bank modification(s)	NO	NO	PC	NO	NO	NO	NO			
Bank feature(s)	EC	EC	NO	SB	SC	SC	NO			

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	SC	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)	SC	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	U	U	U	U	U	S
LEFT BANK FACE	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	B	S	S	S	S
RIGHT BANK-TOP	S	U	S	S	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/
NONE						
Liverworts/mosses/lichens		/				/
Emergent broad-leaved herbs	/					/
Emergent reeds/sedges/rushes	/		/			/
Floating-leaved (rooted)						
Free-floating						
Amphibious						
Submerged broad-leaved						
Submerged linear-leaved						
Submerged fine-leaved						
Filamentous algae						

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.25	Bankfull width (m)	6.5	Banktop height (m)	1.25
Banktop = Bankfull?	Y	Water width (m)	5.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trawlline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	X	Dredging	-	Mowing	-	Weed-cutting	-
		Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST

None	X	Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
		Branded/side channels	-	Natural open water	-	Carr	-	Floating mat	-
		Debris dam	-	Water meadow	-	Marsh	-	Other	-
		Leafy debris	-	Fen	-	Flush	-		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	289	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	378	Water Quality class	1.5	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14570

Grid reference: SS 944348 River: PULHAM 123

Date: 20/1/1997 Time: 14.40 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes

Bed of river visible? No Part Entire X

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

X	shallow vee	-	concave/bowl
-	deep vee	-	symmetrical
-	gorge	-	asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	15	Unvegetated point bar	1
Pools	0	Vegetated point bar	3

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)	/		Rough pasture (RP)	E	/
Croiferous plantation (CP)			Improved/semi-improved grass (IG)	/	E
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	/
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	/	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	/	E	Reinforced - top only		
Toe	E	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X		Shading of channel		X
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous		X	Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)			Marginal deadwater		X
Cascade(s)	X		Exposed bedrock		X
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)		X	Mature island(s)	X	
Slide(s)	X		Unvegetated side bar(s)	X	
Pook(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)		X

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	CL	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	SC	VP	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	G	G	G	G	CO	CO	G	BE	BE	CO
Flow type	RP	RP	RP	UW	UW	UW	RP	RP	UW	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	VP	EC	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	RP	RP	IG	IG	RP	RP
LEFT BANK-TOP	U	S	U	U	U	U	U	U	S	U
LEFT BANK FACE	B	U	U	S	B	U	U	U	U	U
RIGHT BANK FACE	B	B	S	S	S	S	S	S	U	U
RIGHT BANK-TOP	S	S	U	U	S	C	S	S	S	C
LAND USE WITHIN 5m OF BANK TOP (R)	IG	RP	IG	IG	IG	IG	RP	RP	TH	BL

G CHANNEL VEGETATION TYPES

NONE	/	/			/					
Liverworts/mosses/lichens					/		/	/	/	/
Emergent broad-leaved herbs							/	/	/	/
Emergent reeds/sedges/rushes				/	/					/
Floating-leaved (rooted)										
Free-floating										
Amphibious		/	/			/	/	/	/	/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.2	Bankfull width (m)	2.75
Banktop = Bankfull?	Y	Water width (m)	1.5
Embanked height (m)	0.0	Water depth (m)	0.15
		Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.5
Bed material at site is: consolidated X unconsolidated unknown

Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Wood-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
	Braided/side channels	Natural open water	Carr	Floating mat
	Debris dam	Water meadow	Marsh	Other
	Leafy debris	Fa	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Moderately steep stream with Gp substrate of granite type aggregate. Riffles long often over BE ridges. Fairly active. Small area of sphagnum on banks. Soggy areas in adjoining fields.

S ALDERS

Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	163	Slope (m/km)	16	Flow category (1-10)	4
BGS Solid geology code	77	BGS Drift geology code	0	Planform category	3
Distance from source(km)	9	Significant tributary?	N	Navigation?	N
Height of source(m)	360	Water Quality class	1	RHS Segment type	9

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14571

Grid reference: SS 951293 River: HADDEO 124

Date: 21/1 /1997 Time: 12.30 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	18	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Outpost created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Deadleaf/mixed woodland (BL)	E	E	Rough pasture (RP)	/	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)	/	/	Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned		
Vertical/undercut			Reinforced - whole bank		
Vertical + toe			Reinforced - top only		
Top >45	E	E	Reinforced - toe only		
Stable	/	/	Artificial two-stage		
Composite			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

	TREES		ASSOCIATED FEATURES	
	Left	Right	None	Present E (>33%)
None	-	-	Shading of channel	- X
Isolated/scattered	-	-	Overhanging boughs	- X
Regularly spaced, single	-	-	Exposed bankside roots	X -
Occasional clumps	-	-	Underwater tree roots	- -
Semi-continuous	-	-	Fallen trees	X -
Continuous	X	X	Coarse woody debris	- X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	X	-	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	-	X
Slide(s)	X	-	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	-	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	BO	BO	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	CO	CO	BE	CO	BE	CO	CO
Flow type	SM	UW	UW	UW	UW	UW	UW	UW	UW	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	MI	NO	NO	RO	NO	NO	NO	NO	MI
RIGHT BANK										
Material	CO	EA	EA	BO	EA	CO	CO	EA	EA	CO
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	EC	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	1	2	3	4	5	6	7	8	9	10
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	RP	RP	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	U	U	U	S	U	U	U	S	S	S
RIGHT BANK FACE	U	B	B	S	S	S	S	U	S	S
RIGHT BANK-TOP	S	S	S	S	S	U	S	U	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	TH	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

	1	2	3	4	5	6	7	8	9	10
NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	E	/	/	/
Emergent broad-leaved herbs							/			/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.8	Bankfull width (m)	*	Banktop height (m)	1.2
Banktop = Bankfull?	Y	Water width (m)	8.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.3	Embanked height (m)	0.0

If trushline lower than break in slope, indicate: height above water(m) = 0.8

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

	None			Major		
	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs						
Sluices						
Culverts						
Bridges						

Is water impounded by weirs/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input checked="" type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input type="checkbox"/>	Waterfalls >5m high <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
	Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
	Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
	Leafy debris <input checked="" type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals: **DIPPER**
Other significant observations: **Large river many riffles through BL woodland.**
US of exoner trout farm. Surrounding area managed for pheasant shooting.

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	34	Slope (m/km)	1.67	Flow category (1-10)	5
BGS Solid geology code	85	BGS Drift geology code	5	Planform category	3
Distance from source(km)	33	Significant tributary?	N	Navigational?	N
Height of source(m)	262	Water Quality class	2	RHS Segment type	2

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14573

Grid reference: SS 980010 River: CULM 127
 Date: 6/11/1997 Time: 11.20 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input checked="" type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/mixed woodland (BL)		E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Overland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)	/	/
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/handcut	E	E	Resectioned	/	/
Vertical + toe	/	/	Reinforced - whole bank	/	/
Top > 45°		E	Reinforced - top only		
White			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	X	-
Isolated/scattered	-	-	Overhanging boughs	X	-
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	X	X	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	-	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	-	X
Glide(s)	-	X	Unvegetated side bar(s)	X	-
Point(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CC	EA	EA	CL	CL	CL	EA	EA	EA	EA
Bank modification(s)	RI	NO	NO	NO	NO	RI	NO	NO	NO	NO
Bank feature(s)	NO	SC	SC	EC	SC	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	NV	SA	NV	P	AR	NV	SI	NV	SI
Flow type	SM	SM	SM	SM	RP	BW	NP	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	RS	RI	NO	NO	NO
Channel feature(s)	NO	TR	NO	NO	MI	NO	NO	NO	NO	MI
RIGHT BANK										
Material	BR	EA	EA	CL	CL	EA	EA	EA	EA	EA
Bank modification(s)	RI	NO	NO	NO	NO	NO	NO	RS	RS	RS
Bank feature(s)	NO	SC	EC	SC	SC	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	SU	BL	BL	BL	BL	OW	BL	IG	BL	IG
LAND USE WITHIN 5m OF BANKTOP (L)	SU	BL	BL	BL	BL	OW	BL	IG	BL	IG
LEFT BANK-TOP	B	S	S	S	S	S	S	C	S	U
LEFT BANK FACE	B	S	S	S	S	B	S	S	S	S
RIGHT BANK FACE	B	S	B	S	S	S	S	S	S	S
RIGHT BANK-TOP	B	S	B	S	S	S	S	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	BL	BL	BL	BL	BL	BL	IG	IG

G CHANNEL VEGETATION TYPES

NONE			/							
Liverworts/mosses/lichens										
Emergent broad-leaved herbs		/				/				/
Emergent reeds/sedges/rushes	/		/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved									/	/
Filamentous algae										

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.0	Bankfull width (m)	22.0
Banktop = Bankfull?	Y	Water width (m)	18.5
Embanked height (m)	8.0	Water depth (m)	1.5
		Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated unconsolidated unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1			Revetments		
Sluices				Outfalls	1	
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
		Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None	<input type="checkbox"/>	Artificial open water	X	Bog	<input type="checkbox"/>	Fringing reed-bank	<input type="checkbox"/>
Braided/side channels	<input type="checkbox"/>	Natural open water	<input type="checkbox"/>	Carr	<input type="checkbox"/>	Floating mat	<input type="checkbox"/>
Debris dam	<input type="checkbox"/>	Water meadow	<input type="checkbox"/>	Marsh	<input type="checkbox"/>	Other	<input type="checkbox"/>
Leafy debris	X	Fen	<input type="checkbox"/>	Flush	<input type="checkbox"/>		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS

(Others: 1 = nettles, 2 = chondrodendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS

(Comments may have been paraphrased!)

Major impacts: MILL SILTING

Land Management:

Animals: NINK HERON

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	264	Slope (m/km)	13.3	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	9	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	359	Water Quality class	1	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14574

Grid reference: ST 2300 River: HADDEO 128

Date: 21/1 /1997 Time: 11.30 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/>	shallow vee	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/>	deep vee	<input type="checkbox"/>	symmetrical
<input type="checkbox"/>	gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	17	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Woodland/mixed woodland (BL)	/		Rough pasture (RP)	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/
Open water (OW)			Open water (OW)	
Suburban/urban development (SU)			Suburban/urban development (SU)	
Rock and scree (RS)			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	X	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	-	X	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	-	X
Rapid(s)	-	-	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	X	-	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	BE	BE	EA	EA	EA	EA	BE	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	SA	G	BE	BE	G	BE	CO	CO	SA	CO
Flow type	RP	RP	RP	UW	SM	UW	RP	UW	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	CL	CO	CL	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	IG	RP	IG	RP	IG	IG	IG
LEFT BANK-TOP	S	S	S	S	U	S	C	C	S	C
LEFT BANK FACE	U	U	B	B	U	S	U	S	S	S
RIGHT BANK FACE	U	U	U	U	U	U	U	S	S	U
RIGHT BANK-TOP	S	S	S	S	U	U	U	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	RP	WL	WL	WL	WL	IG	IG	IG	IG
G CHANNEL VEGETATION TYPES										
NONE	/	/								
Liverworts/mosses/lichens		/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs				/						/
Emergent reeds/sedges/rushes				/	/	/				/
Floating-leaved (rooted)										
Free-floating										
Amphibious				/						/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.4	Banktop height(m)	1.0
Banktop = Bankfull?	N	Water width(m)	3.2
Embanked height(m)	0.0	Water depth(m)	*
		Embanked height(m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.7

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Waterfalls >5m high	-	Natural open water	-	Carr	-	Floating mat	-
Braided/side channels	-	Water meadow	-	Marsh	X	Other	-
Debris dam	X	Fen	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: Moderately steep hill stream; tree lined through grazing land. Shallow riffle stream with long runs and rock steps.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14575

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	126	Slope (m/Lm)	6.67	Flow category (1-10)	2
BGS Solid geology code	79	BGS Drift geology code	0	Planform category	3
Distance from source(km)	8	Significant tributary?	N	Navigation?	N
Height of source(m)	315	Water Quality class	1	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14575

Grid reference: ST 2234 River: BATHERM 129

Date: 22/1/1997 Time: 16.30 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	10	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

E.NO. 14575 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14575

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/mixed woodland (BL)	E		Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
p > 45	E	E	Reinforced - top only		
Stable	/	/	Reinforced - toe only		/
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None	-	-	-	-	Shading of channel	-	X
Isolated/scattered	-	-	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	-	-	Underwater tree roots	-	X
Semi-continuous	-	-	-	-	Fallen trees	-	X
Continuous	X	X	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None		Present		Marginal deadwater		
	X	-	X	-	None	Present	E (>33%)
Waterfall(s)	X	-	-	-	None <td>X</td> <td>-</td>	X	-
Cascade(s)	-	X	-	-	Exposed bedrock	X	-
Rapid(s)	X	-	-	-	Exposed boulders	X	-
Riffle(s)	-	-	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	-	X	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	-	-	Mature island(s)	X	-
Slide(s)	-	X	-	-	Unvegetated side bar(s)	-	X
Pool(s)	X	-	-	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	-	-	Discrete silt deposit(s)	X	-
					Discrete sand deposit(s)	X	-

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14575

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

	G	CO	G	CO	BE	BE	BE	G	P	P
Channel substrate										
Flow type	UW	RP	RP	UW	RP	RP	SM	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Material										
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	PC	NO	NO
Bank feature(s)	SC	SC	NO	NO	NO	NO	NO	PB	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	BL	BL	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	C	C	U	U	C	U	S	U
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	B	U	S	S	S	S	B	S	S	S
RIGHT BANK-TOP	U	U	U	U	U	U	B	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/
NONE									
Liverworts/mosses/lichens		/	/	/					/
Emergent broad-leaved herbs									
Emergent reeds/sedges/rushes									
Floating-leaved (rooted)									
Free-floating									
Amphibious									
Submerged broad-leaved									
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

1997 RIVER HABITAT SURVEY page 4 of 4 14575

I. CHANNEL DIMENSIONS

	CHANNEL		RIGHT BANK		
LEFT BANK					
Banktop height(m)	0.9	Bankfull width (m)	7.0	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	5.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.3	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.75

Bed material at site is: consolidated unconsolidated X unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
X	Weirs						Revetments		
	Sluices						Outfalls		
	Culverts						Fords		
	Bridges						Deflectors		
							Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	X	Water meadow	-	Marsh	-	Other	-
Leafy debris	X	Fen	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: Low gradient hill stream. Slimous. Broad leaved wood on left grazing on right.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	170	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	209	Water Quality class	0	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14576

Grid reference: ST 14194 River: LOWMAN 130

Date: 22/1/1997 Time: 12.30 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 28 Unvegetated point bar 2

Pools 2 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	/	E	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/		Open water (OW)		/
Fall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Top > 45	/	/	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	X	Fallen trees	-	X
Continuous	X	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	-	X	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	-	X
Riffle(s)	-	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	-	X
Slide(s)	-	X	Unvegetated side bar(s)	-	X
Point(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Flow type	UW	RP	RP	UW	UW	UW	UW	RP	UW	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	RO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	BR	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RI	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TH	TH	BL	IG	BL	BL	IG	IG	IG	IG
LEFT BANK-TOP	S	S	S	C	C	C	C	U	U	U
LEFT BANK FACE	U	U	B	S	S	S	S	B	U	B
RIGHT BANK FACE	B	U	S	U	U	U	B	S	S	U
RIGHT BANK-TOP	C	C	S	U	U	U	U	C	U	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	RP	TH	RP	RP	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs				/	/	/	/	/	/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae								/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	0.8	Bankfull width (m) 2.0	Banktop height (m) 0.3
Banktop = Bankfull?	N	Water width (m) 1.25	Banktop = Bankfull? Y
Embanked height (m)	0.8	Water depth (m) 0.3	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	X

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	X	Bog	Fringing reed-bank
Waterfalls >5m high	Natural open water	-	Carr	Floating mat
Braided/side channels	Water meadow	-	Marsh	Other
Debris dam	Fen	-	Flush	
Leafy debris				

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = ivy)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Cobble hill stream relatively unmanaged.
Top section through wood with soggy banks.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	291	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	34	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	460	Water Quality class	1	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14577

Grid reference: SX 63774 River: WEST WEBBURN 132
 Date: 14/09 /1997 Time: 15.40 Surveyor: DS Accred. code: MN59

Adverse conditions? No X Yes -
 Bed of river visible? No - Part. - Entire. X
 Duplicate photographs: general character? No - Yes X
 Surveyed from: Left - Right X Channel X
 SERCON survey in addition? No - Yes Y

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/>	shallow vee	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/>	deep vee	<input type="checkbox"/>	symmetrical
<input type="checkbox"/>	gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	0
Pools	0	Vegetated point bar	4

Outpost created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/modified woodland (BL)	/	/	Rough pasture (RP)	E	E
Crisperous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Lake/pond (SC)	/	/	Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Slope >45	E	E	Reinforced - top only		
Little			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
			None	Present E (>33%)
None	-	-	Shading of channel	X
Isolated/scattered	-	-	Overhanging boughs	X
Regularly spaced, single	-	-	Exposed bankside roots	X
Occasional clumps	-	-	Underwater tree roots	X
Semi-continuous	X	X	Fallen trees	X
Continuous	-	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	Manure island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	-	X
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	VS	SC	EC	NO	EC	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	GP	G	GP	G	G	P	P	GP	G
Flow type	RP	RP	SM	SM	RP	RP	RP	RP	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	VB	VB	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	EC	NO	NO	NO	EC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	SC	SC	SC	SC	SC	SC
LEFT BANK-TOP	S	C	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	SC	RP	RP	RP	SC	SC	SC	RP	SC

G CHANNEL VEGETATION TYPES

NONE									
Liverworts/mosses/lichens	E	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs			/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/						/	/
Floating-leaved (rooted)									
Free-floating									
Amphibious	/	/	/	/	/	/	/	/	/
Submerged broad-leaved	/	/	E	/	/	/	/	/	/
Submerged linear-leaved									
Submerged fine-leaved		E	E	/	/	E	/	E	E
Filamentous algae				/					/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.0	Bank full width (m)	6.5	Banktop height (m)	1.1
Banktop = Bank full ?	Y	Water width (m)	3.0	Banktop = Bank full ?	N
Embanked height (m)	0.8	Water depth (m)	0.45	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated - unconsolidated Xunknown
 Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	X	Major			Intermediate			Minor					
		Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor			
		Weirs									Revetments		
		Sluices									Outfalls		
		Culverts									Fords		
		Bridges									Deflectors		
											Other		

Is water impounded by weirs/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None	X	Dredging	-	Mowing	-	Weed-cutting	-
		Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST

None	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
		Natural open water	-	Carr	-	Floating mat	-
	X	Water meadow	-	Marsh	-	Other	-
		Pen	-	Flush	-		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO - YES X

Q NOTABLE NUISANCE PLANTS

(Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, > more)

None - Giant hogweed X Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS

(Comments may have been paraphrased)

Major impacts:
 Land management:
 Animals: DRAGON/DAMSELFLIES
 Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	180	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	49	BGS Drift geology code	5	Planform category	2
Distance from source(km)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	345	Water Quality class	1	RHS Segment type	10

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14578

Grid reference: SX 723618 River: HARBOURNE 136
Date: 17/11/1997 Time: 18.00 Surveyor: DS Accred. code: MNS9

Adverse conditions? No X Yes -
Bed of river visible? No Part. X Entire -
Duplicate photographs: general character? No Yes X
Surveyed from: Left Right Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

X	shallow vee	-	concave/bowl
-	deep vee	-	symmetrical
-	gorge	-	asymmetrical

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	8	Unvegetated point bar	0
Pools	0	Vegetated point bar	2

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Grass/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Re-sectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Toe >45°	E	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
None	-	-	Shading of channel	None	Present E (>33%)
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	X	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	-	X	Exposed bedrock	X	-
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	Mature island(s)	-	X
Glide(s)	X	-	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	SC	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	P	P	P	CO	CO	CO	CO
Flow type	RP	RP	SM	RP	SM	RP	CH	FF	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	MI	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	SC	IG	IG	SC	IG	IG	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	U	U	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	BL	BL	SC	IG	SC	SC

G CHANNEL VEGETATION TYPES

NONE											NV	NV
Liverworts/mosses/lichens	/		/	/	/	/	/	/	/	/		/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/		/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/		/
Floating-leaved (rooted)												
Free-floating												
Amphibious	/		/	/	/	/	/	/	/	/		/
Submerged broad-leaved		/	/	/	/	/	/	/	/	/		/
Submerged linear-leaved												
Submerged fine-leaved			E	/	/	/	/	/	/	/		/
Filamentous algae	/	/	/	/	/	/	/	/	/	/		/

I CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.0	Bankfull width (m)	5.5	Banktop height (m)	1.0
Banktop = Bankfull?	Y	Water width (m)	3.0	Banktop = Bankfull?	Y
Embankment height (m)	0.0	Water depth (m)	0.15	Embankment height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.0					
Bed material at site is: consolidated - unconsolidated - Unknown					
Location of measurement is: riffle X run or glide - other					

M ARTIFICIAL FEATURES

None		Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs				Revetments		
	Sluices				Outfalls		
	Culverts				Fords		
	Bridges				Deflectors		
					Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	-	Mowing	-	Weed-cutting	-
	Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST

None							
Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	X	Water meadow	-	Marsh	-	Other	-
Leafy debris	X	Fen	-	Flush	-		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, 6 = nettles)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	311	Slope (m/km)	30	Flow category (1-10)	1
BGS Solid geology code	34	BGS Drift geology code	0	Planform category	2
Distance from source(km)	1.5	Significant tributary?	N	Navigation?	N
Height of source(m)	388	Water Quality class	0	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14579

Grid reference: SX 728795 River: EAST WEBBURN 137

Date: 15/09 /1997 Time: 10.30 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes X

Bed of river visible? No Part. X Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right Channel

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	X	symmetrical
gorge		asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles	3	Unvegetated point bar	1
Pools	2	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	/	/	Rough pasture (RP)		
Uniformous plantation (CP)			Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Tilled land (TL)		
Heath/moorland (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	E	E	Suburban/urban development (SU)		
High grass/scrub (TH)	/	/	Rock and scree (RS)		

BANK PROFILES

Unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Re-sectioned		
Vertical + toe			Reinforced - whole bank	/	/
Toe > 45°		E	Reinforced - top only		
Toe < 45°	E	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
None	-	-	Shading of channel	None Present E (>33%)
Isolated/scattered	-	-	Overhanging boughs	- X -
Regularly spaced, single	-	-	Exposed bankside roots	- X -
Occasional clumps	X	-	Underwater tree roots	- X -
Semi-continuous	-	-	Fallen trees	- X -
Continuous	-	X	Coarse woody debris	- X -

K EXTENT OF CHANNEL FEATURES

Channel feature	None Present E	Channel feature	None Present E (>33%)
Waterfall(s)	X - -	Marginal deadwater	- X -
Cascade(s)	X - -	Exposed bedrock	X - -
Rapid(s)	X - -	Exposed boulders	- X -
Riffle(s)	- X -	Unvegetated mid-channel bar(s)	- X -
Run(s)	- - X	Vegetated mid-channel bar(s)	- X -
Boil(s)	X - -	Mature island(s)	- X -
Glide(s)	- X -	Unvegetated side bar(s)	- X -
Pool(s)	- X -	Vegetated side bar(s)	X - -
Ponded reach(es)	- X -	Discrete silt deposit(s)	- X -
		Discrete sand deposit(s)	X - -

Spot check 1 is at: upstream end X downstream end -

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	NV	NV	BR	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NK	NK	RS	RI	NO	NO	NO	NO	NO	NO
Bank feature(s)	NV	NV	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL										
Channel substrate	NV	NV	AR	CO	BO	CO	CO	G	P	BO
Flow type	RP	RP	RP	RP	NP	RP	RP	SM	RP	UW
Channel modification(s)	RS	NK	RS	RI	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	MI	NO	NO	NO	MI	NO	NO

RIGHT BANK										
Material	BR	BR	BR	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RI	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	SB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	BL	SC	SC	RP	SC	SC	SC
LEFT BANK-TOP	U	U	U	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SC	SC	SC	SC	SC	SC	SC	SC	BL	SC

G CHANNEL VEGETATION TYPES

NONE	NV	NV								
Liverwort/mosses/lichens	/	E	/	E	/	/	/	/	/	/
Emergent broad-leaved herbs			/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes			/		/		/		/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious			/		/		/		/	/
Submerged broad-leaved					/	E	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

H LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	/	/	Rough pasture (RP)		
Uniformous plantation (CP)			Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Tilled land (TL)		
Heath/moorland (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	E	E	Suburban/urban development (SU)		
High grass/scrub (TH)	/	/	Rock and scree (RS)		

BANK PROFILES

Unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Re-sectioned		
Vertical + toe			Reinforced - whole bank	/	/
Toe > 45°		E	Reinforced - top only		
Toe < 45°	E	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
None	-	-	Shading of channel	None Present E (>33%)
Isolated/scattered	-	-	Overhanging boughs	- X -
Regularly spaced, single	-	-	Exposed bankside roots	- X -
Occasional clumps	X	-	Underwater tree roots	- X -
Semi-continuous	-	-	Fallen trees	- X -
Continuous	-	X	Coarse woody debris	- X -

K EXTENT OF CHANNEL FEATURES

Channel feature	None Present E	Channel feature	None Present E (>33%)
Waterfall(s)	X - -	Marginal deadwater	- X -
Cascade(s)	X - -	Exposed bedrock	X - -
Rapid(s)	X - -	Exposed boulders	- X -
Riffle(s)	- X -	Unvegetated mid-channel bar(s)	- X -
Run(s)	- - X	Vegetated mid-channel bar(s)	- X -
Boil(s)	X - -	Mature island(s)	- X -
Glide(s)	- X -	Unvegetated side bar(s)	- X -
Pool(s)	- X -	Vegetated side bar(s)	X - -
Ponded reach(es)	- X -	Discrete silt deposit(s)	- X -
		Discrete sand deposit(s)	X - -

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	3.5	Bankfull width (m)	32.0	Banktop height (m)	3.5
Banktop = Bankfull?	Y	Water width (m)	1.5	Banktop = Bankfull?	Y
Embanked height (m)	0.8	Water depth (m)	0.1	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.5
 Bed material at site is: consolidated - unconsolidated - X unknown -
 Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
	Weirs	Sluices	Culverts	Bridges	Revetments	Outfalls	Deflectors	Other	

Is water impounded by weir/dam? No X Yes, <13% of site >13% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting -
 Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None
 Waterfalls >5m high - Artificial open water - Bog - Fringing reed-bank -
 Braided/side channels - Natural open water - Carr - Floating mat -
 Debris dam X Water meadow - Marsh - Other -
 Leafy debris - Fen - Flush -

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: LITTER
 Land Management: ABANDONED LAND
 Animals:
 Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	125	Slope (m/m)	6.67	Flow category (1-10)	5
BGS Solid geology code	R1	BGS Drift geology code	0	Planform category	4
Distance from source(km)	19	Significant tributary?	N	Navigation?	N
Height of source(m)	521	Water Quality class	1	RHS Segment type	5
FIELD SURVEY DETAILS	Please check form and tick box if any corrections are needed				<input type="checkbox"/>
Reference site number:	14580				

Grid reference: SX 748897 River: TEIGN 138
Date: 15/09 /1997 Time: 17.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes
Bed of river visible? No Part. Entire
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
deep vee symmetrical
gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 6 Unvegetated point bar 0
Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

I LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Medial/mixed woodland (BL)		E	Rough pasture (RP)		
Coniferous plantation (CP)	E		Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Farmland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Water (SC)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/			
Vertical/undercut	/	/	Recessioned		
Vertical + toe			Reinforced - whole bank		
Toe >45	E	E	Reinforced - toe only		
Composite	/	/	Reinforced - toe only ~		
			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bank side roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	-	X
Rapid(s)	-	X	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	-	X

Spot check 1 is at upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SB	NO	NO	NO	NO	NO	NO	NO	NO	SC
CHANNEL										
Channel substrate	CO	CO	BE	BE	BE	BE	BE	BE	BE	BE
Flow type	SM	UW	RP	UW	RP	UW	BW	SM	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	NO	RO	RO	RO	RO	RO	RO	RO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	NO	EC	NO	NO	NO	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	1	2	3	4	5	6	7	8	9	10
LAND USE WITHIN 5m OF BANKTOP (L)	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

	1	2	3	4	5	6	7	8	9	10
NONE										
Liverworts/mosses/lichens	/	/	/	/	E	/	/	/	/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	/	/	/	/	/	/	/	/	/	/

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.3	Bankfull width (m)	17.0
Banktop = Bankfull? Y		Water width (m)	11.0
Embanked height (m)	0.0	Water depth (m)	0.45
Embanked height (m)	0.0	Embanked height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.0			
Bed material at site is: consolidated X unconsolidated _ unknown _			
Location of measurement is: riffle X run or glide _ other _			

M ARTIFICIAL FEATURES

None	X	Major	Intermediate	Minor	Major	Intermediate	Minor
		Weirs					
					Outfalls		
					Furds		
					Deflectors		
					Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None
Waterfalls >5m high Artificial open water Bog Fringing reed-bank
Braided/side channels Natural open water Carr Floating mat
Debris dam Water meadow Marsh Other
Leafy debris Fen Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS

(Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS

(Comments may have been paraphrased!)
Major impacts:
Land Management:
Animals:
Other significant observations: Otter spraint maybe.

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with columns for field attributes: Altitude(m), BGS Solid geology code, Distance from source(km), Height of source(m), Slope (m/km), BGS Drift geology code, Significant tributary?, Water Quality class, Flow category (1-10), Platform category, Navigation?, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14581

Grid reference: SX 758943 River: FORD BROOK 143

Date: 24/09/1997 Time: 11.50 Surveyor: LC Accred code: MN60

Adverse conditions? No X Yes
Bed of river visible? No Part. Entire X
Duplicate photographs: general character? No Yes X
Surveyed from: Left X Right X Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
deep vee symmetrical
gorge asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles: 0 Unvegetated point bar: 13
Pools: 2 Vegetated point bar: 0

Outlet created by IFE, Warrham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with columns for land use types: Broadleaved/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Moorland/heath (MH), Tidal/submarine (SC), Tall herbs (TH), Rough pasture (RP), Improved/semi-improved grass (IG), Tilled land (TL), Wetland (eg bog, marsh, fen)(WL), Open water (OW), Suburban/urban development (SU), Rock and scree (RS)

BANK PROFILES

Table with columns for bank profile types: Natural/unmodified, Vertical/undercut, Vertical + toe, Steep >45, Gentle, Composite, Artificial/modified, Resectioned, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Paoched, Embanked, Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with columns for trees and associated features: None, Isolated/scattered, Regularly spaced, single, Occasional clumps, Semi-continuous, Continuous, Left, Right, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris, None, Present E (>33%)

K EXTENT OF CHANNEL FEATURES

Table with columns for channel features: Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Ponded reach(es), None, Present E, Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s), None, Present E (>33%)

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

Table with columns for physical attributes: Material, Bank modification(s), Bank feature(s), Channel substrate, Flow type, Channel modification(s), Channel feature(s), RIGHT BANK Material, Bank modification(s), Bank feature(s)

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with columns for banktop land use and vegetation structure: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R)

G CHANNEL VEGETATION TYPES

Table with columns for channel vegetation types: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae

I CHANNEL DIMENSIONS

Table with columns for channel dimensions: LEFT BANK, CHANNEL, RIGHT BANK, Banktop height(m), Banktop = Bankfull?, Embankment height(m), Bankfull width(m), Water width(m), Water depth(m), Banktop = Bankfull?, Embankment height(m)

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated X unknown -

Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

Table with columns for artificial features: Weirs, Sluices, Culverts, Bridges, Major, Intermediate, Minor, Major, Intermediate, Minor

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

Table with columns for recent management: None X Dredging - Mowing - Weed-cutting - Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

Table with columns for features of special interest: Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr X, Marsh, Fringing reed-bank, Floating mat, Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	75	Slope (m/km)	3.33	Flow category (1-10)	5
BGS Solid geology code	81	BGS Drift geology code	0	Platonic category	3
Distance from source(km)	25	Significant tributary?	N	Navigation?	N
Height of source(m)	521	Water Quality class	1.5	RHS Segment type	5

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14582

Grid reference: SX 792887 River: TEIGN 144

Date: 15/09 /1997 Time: 14.45 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	4	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/hemi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Scrub (SC)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified			Artificial/modified		
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Stippled			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

	TREES		ASSOCIATED FEATURES	
	Left	Right	None	Present E (>33%)
None	-	-	Shading of channel	- X
Isolated/scattered	-	-	Overhanging boughs	- X
Regularly spaced, single	-	-	Exposed bankside roots	- X
Occasional clumps	-	-	Underwater tree roots	- X
Semi-continuous	-	-	Fallen trees	- X
Continuous	X	X	Coarse woody debris	- X

K EXTENT OF CHANNEL FEATURES

	None		Present E (>33%)	
	None	Present E	None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	- X
Cascade(s)	X	-	Exposed bedrock	- X
Rapid(s)	X	-	Exposed boulders	X -
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X -
Run(s)	-	X	Vegetated mid-channel bar(s)	X -
Boil(s)	X	-	Manure island(s)	X -
Slide(s)	-	X	Unvegetated side bar(s)	- X
Pool(s)	X	-	Vegetated side bar(s)	X -
Ponded reach(es)	X	-	Discrete silt deposit(s)	X -
			Discrete sand deposit(s)	X -

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	CO	CO	BE	CO	CO	BE	CO
Flow type	RP	SM	UW	SM	UW	UW	RP	RP	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	RO	NO	RO	RO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	C	C	C	C	C	C	C	C	C	C
LEFT BANK FACE	C	C	C	C	C	C	C	C	C	C
RIGHT BANK FACE	C	C	C	C	C	C	C	C	S	C
RIGHT BANK-TOP	C	C	C	C	C	C	C	C	S	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
G CHANNEL VEGETATION TYPES										
NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae				/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	2.0	Bankfull width (m) 27.0	Banktop height (m) 3.0
Banktop = Bankfull?	Y	Water width (m) 13.0	Banktop = Bankfull? N
Embanked height (m)	0.0	Water depth (m) 0.3	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
		Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None	<input checked="" type="checkbox"/>	Artificial open water	<input type="checkbox"/>	Bog	<input type="checkbox"/>	Fringing reed-bank	<input type="checkbox"/>
		Natural open water	<input type="checkbox"/>	Carr	<input type="checkbox"/>	Floating mat	<input type="checkbox"/>
		Water meadow	<input type="checkbox"/>	Marsh	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Fen	<input type="checkbox"/>	Flush	<input type="checkbox"/>		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = hurrembles, + more)

None	<input checked="" type="checkbox"/>	Giant hogweed	<input type="checkbox"/>	Himalayan balsam	<input type="checkbox"/>	Japanese knotweed	<input type="checkbox"/>	Other?	<input type="checkbox"/>
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R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Distressed alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14583

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m) 12 Slope (m/km) 1.7 Flow category (1-10) 7
 BGS Solid geology code 77 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 33 Significant tributary? N Navigation? N
 Height of source(m) 538 Water Quality class 1 RHS Segment type 2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14583

Grid reference: SX 803624 River: DART 145

Date: 18/1 /1997 Time: 9.25 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 0

Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

SITE NO. 14583 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14583

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Shrub/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)	/	/
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Single		/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present	None	Present	None	Present E (>33%)
None					Shading of channel	X
Isolated/scattered					Overhanging boughs	X
Regularly spaced, single					Exposed bankside roots	X
Occasional clumps					Underwater tree roots	X
Semi-continuous	X	X			Fallen trees	X
Continuous					Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present	E	None	Present	E (>33%)
Waterfall(s)		X		Marginal deadwater		X
Cascade(s)	X			Exposed bedrock	X	
Rapid(s)	X			Exposed boulders	X	
Riffle(s)	X			Unvegetated mid-channel bar(s)	X	
Run(s)	X			Vegetated mid-channel bar(s)	X	
Boil(s)	X			Mature island(s)	X	
Glide(s)			X	Unvegetated side bar(s)		X
Pool(s)	X			Vegetated side bar(s)	X	
Ponded reach(es)	X			Discrete silt deposit(s)		
				Discrete sand deposit(s)		

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14583

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Flow type	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	IG	IG	BL	SU	SU	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	BL	SU	SU	BL	BL
LEFT BANK-TOP	S	C	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	B	S	S
RIGHT BANK-TOP	B	B	B	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TL	TL	TL	BL	BL	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs								/	/	/
Emergent reeds/sedges/rushes			/	/	/	/				/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

1997 RIVER HABITAT SURVEY page 4 of 4 14583

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	2.5	Bankfull width (m) 37.0
Banktop = Bankfull? N	Water width (m) 30.0	Banktop = Bankfull? Y
Embanked height (m) 0.0	Water depth (m) *	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

	Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs							Revetments		
Sluices							Outfalls		
Culverts							Fords		
Bridges							Deflectors		
							Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high		Artificial open water		Bog		Fringing reed-bank	
Braided/side channels		Natural open water		Carr		Floating mat	
Debris dam		Water meadow		Marsh		Other	
Leafy debris		Fca		Flash			

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: RAB.

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	92	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	169	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14584

Grid reference: SS 832910 River: SOWTON BROOK 151
 Date: 24/09 /1997 Time: 9.20 Surveyor: L.C. Accred. code: MN60

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
<input checked="" type="checkbox"/> deep vee		symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	2
Pools	3	Vegetated point bar	3

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Heath/mixed woodland (BL)	E	E	Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Open water (OW)		
Suburban/urban development (SU)	/	/	Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
>45	/	/	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite		/	Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None	-	-	-	-	Shading of channel	X	-
Isolated/scattered	-	-	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	-	-	Underwater tree roots	X	-
Semi-continuous	X	X	-	-	Fallen trees	-	X
Continuous	-	-	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None		Present		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
Waterfall(s)	X	-	-	-	Marginal dead-water	-	X
Cascade(s)	X	-	-	-	Exposed bedrock	-	X
Rapid(s)	X	-	-	-	Exposed boulders	-	X
Riffle(s)	X	-	-	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	-	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	-	-	Mature island(s)	X	-
Slide(s)	X	-	-	-	Unvegetated side bar(s)	-	X
Pool(s)	-	-	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	-	-	Discrete silt deposit(s)	-	X
					Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	NV	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	PC	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	VP	NO	NO	NO	SC	NO	SC	NO
CHANNEL										
Channel substrate	P	NV	P	SI	SI	SI	SI	SI	SI	P
Flow type	NP	NP	RP	NP	NP	NP	NP	NP	NP	NP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	CL
Bank modification(s)	PC	NO	PC	PC	NO	NO	PC	NO	NO	NO
Bank feature(s)	NO	SC	NO	NO	NO	SC	NO	SB	NO	EC
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	BL	SC	TH	SC	RP	RP	RP	BL	BL	BL
LEFT BANK-TOP	C	C	S	S	C	S	S	S	C	C
LEFT BANK FACE	S	C	S	S	S	S	S	S	C	S
RIGHT BANK FACE	S	C	S	S	S	S	C	S	S	B
RIGHT BANK-TOP	C	C	C	S	S	S	S	S	S	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	RP	TH	RP	RP	RP	RP	BL	BL	RP
G CHANNEL VEGETATION TYPES										
NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens										
Emergent broad-leaved herbs			/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious							/			/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	4.5	Banktop height (m)	1.0
Banktop = Bankfull?	Y	Water width (m)	1.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated unconsolidated Unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs									
Sluices									
Culverts	1								
Bridges									

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None
 Waterfalls >5m high Artificial open water Bog Fringing reed-bank
 Braided/side channels Natural open water Carr Floating mat
 Debris dam Water meadow Marsh Other
 Leafy debris Fen Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: WATER VOLE
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with columns for Altitude(m), BGS Solid geology code, Distance from source(km), Height of source(m), Slope (m/km), BGS Drift geology code, Significant tributary?, Water Quality class, Flow category (1-10), Planform category, Navigation?, RHS Segment type.

B FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14585

Grid reference: SX 878802 River: KENN 152

Date: 3/1 /1997 Time: 13.25 Surveyor: DS Accred. code: MN59

Adverse conditions? No X Yes -

Bed of river visible? No Part Entire X

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right X Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

Table for valley forms: shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical.

Terraced valley? No X Yes -

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 7 Unvegetated point bar 9

Pools 0 Vegetated point bar 1

Output created by IFE, Warcham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table for land use types: woodland/mixed woodland (BL), ornamental plantation (CP), Orchard (OR), Wetland/heath (MH), Open water (OW), Suburban/urban development (SU), Rock and scree (RS).

I BANK PROFILES

Table for bank profiles: Natural/unmodified, Vertical/undercut, Vertical + toe, Composite, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table for trees and associated features: None, Isolated/scattered, Regularly spaced, single, Occasional clumps, Semi-continuous, Continuous.

K EXTENT OF CHANNEL FEATURES

Table for channel features: Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 10 columns for physical attributes.

LEFT BANK

Table for left bank: Material, Bank modification(s), Bank feature(s).

CHANNEL

Table for channel: Channel substrate, Flow type, Channel modification(s), Channel feature(s).

RIGHT BANK

Table for right bank: Material, Bank modification(s), Bank feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table for banktop land use: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table for channel vegetation types: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I CHANNEL DIMENSIONS

Table for channel dimensions: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Bankfull width(m), Banktop = Bankfull?, Water width(m), Water depth(m), Embanked height(m).

If trashedme lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

Table for artificial features: Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting Enhancement Other?

O FEATURES OF SPECIAL INTEREST

Table for special interest features: Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS

Major impacts: ROAD Land Management: Animals: Other significant observations:

S ALDERS

Alders? None Present X Extensive Dissected alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 5 columns: Attribute, Value 1, Value 2, Value 3, Value 4. Includes Altitude(m), BGS Solid geology code, Distance from source(km), Height of source(m), Slope (m/km), BGS Drift geology code, Significant tributary?, Water Quality class, Flow category (1-10), Platform category, Navigation?, RHS Segment type.

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14586

Grid reference: SX 883767 River: UN-NAMED TRIB. OF TEIGN 1

Date: 31/1 /1997 Time: 11.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No X Yes

Bed of river visible? No Part. Entire X

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

X deep vee symmetrical

gorge asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 8 Unvegetated point bar 8

Pools 8 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Land Use Type, L, R, Description, L, R. Includes Grassland/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Moorland/heath (MH), Scrub (SC), Tall herbs (TH), Rough pasture (RP), Improved/semi-improved grass (IG), Tilled land (TL), Wetland (eg bog, marsh, fen)(WL), Open water (OW), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 6 columns: Profile Type, L, R, Description, L, R. Includes Natural/unmodified, Vertical/undercut, Vertical + toe, Toe >45, Gentle, Composite, Artificial/modified, Resectioned, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial (two-stage), Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 5 columns: TREES (Left, Right), ASSOCIATED FEATURES (None, Present E (>33%)). Includes None, Isolated/scattered, Regularly spaced, single, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature, None, Present E (>33%), Description, None, Present E (>33%). Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Bait(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 11 columns (1-10) for LEFT BANK and RIGHT BANK. Rows include Material, Bank modification(s), Bank feature(s), CHANNEL (Channel substrate, Flow type, Channel modification(s), Channel feature(s)), and Material, Bank modification(s), Bank feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (BL, BL, BL, BL, BL, BL, BL, BL, TH, *). Rows include LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with 10 columns. Rows include NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I CHANNEL DIMENSIONS

Table with 5 columns: LEFT BANK, CHANNEL, RIGHT BANK. Rows include Banktop height(m), Banktop = Bankfull?, Embanked height (m), Water full width (m), Water width (m), Water depth (m), Banktop = Bankfull?, Banktop = Bankfull?, Embanked height (m).

M ARTIFICIAL FEATURES

Table with 6 columns: None, Major, Intermediate, Minor, Major, Intermediate, Minor. Rows include Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

Table with 4 columns: Dredging, Mowing, Weed-cutting, Enhancement, Other?.

O FEATURES OF SPECIAL INTEREST

Table with 5 columns: Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS

None X Giant hogweed, Himalayan balsam, Japanese knotweed, Other?

R OVERALL CHARACTERISTICS

Major impacts: Land Management: Animals: Other significant observations:

S ALDERS

Alders? None Present Extensive X Discarded alders? None X Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14587

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	9	Slope (m/km)	3.8	Flow category (1-10)	1
BGS Solid geology code	85	BGS Drift geology code	5	Planform category	6
Distance from source(km)	8	Significant tributary?	N	Navigation?	N
Height of source(m)	172	Water Quality class	1.5	RHS Segment type	2

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14587

Grid reference: SX 913904 River: ALPHIN BROOK 155

Date: 30/1 /1997 Time: 14.30 Surveyor: DS Accred code: MNS9

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

ITE NO. 14587 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14587

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Natural/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Tall herbs (TH)		/	Suburban/urban development (SU)	E	E
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned	/	/
Vertical + toe			Reinforced - whole bank	E	E
Top >45	/	/	Reinforced - top only		
Little			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	X	X	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	-	Vegetated mid-channel bar(s)	X	-
Bank(s)	X	-	Mature island(s)	X	-
Glide(s)	-	-	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	X	-

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14587

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10			
LEFT BANK													
Material	CC	CC	CC	CC	CC	CC	EA	CC	EA	EA			
Bank modification(s)	RS	RI	RS	RI	RS	RI	RS	RI	NO	RS	RI	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	SB	NO	EC	PB			
CHANNEL													
Channel substrate	AR	AR	AR	AR	AR	AR	P	P	P	GP			
Flow type	RP	RP	RP	RP	RP	RP	SM	SM	RP	RP			
Channel modification(s)	RS	RI	RS	RI	RS	RI	CV	NO	NO	NO	NO		
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	RO	NO			
RIGHT BANK													
Material	CC	CC	CC	CC	CC	CC	EA	EA	EA	EA			
Bank modification(s)	RS	RI	RS	RI	RS	RI	NO	NO	NO	NO			
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO			

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SU	SU	SU	SU	SU	*	IG	IG	IG	TH
LEFT BANK-TOP	S	S	S	S	S	*	S	S	S	S
LEFT BANK FACE	B	B	B	B	B	*	S	S	S	S
RIGHT BANK FACE	B	B	B	B	B	*	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	*	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	SU	SU	SU	*	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

	/	/	/
NONE			
Liverworts/mosses/lichens			
Emergent broad-leaved herbs			
Emergent reeds/sedges/rushes			
Floating-leaved (rooted)			
Free-floating			
Amphibious			
Submerged broad-leaved			
Submerged linear-leaved			
Submerged fine-leaved			E /
Filamentous algae	E	E	E E E /

1997 RIVER HABITAT SURVEY page 4 of 4 14587

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.5 Bankfull width (m)	6.5 Banktop height (m)
Banktop = Bankfull? Y	Water width (m)	4.0 Banktop = Bankfull? Y
Embanked height (m) 0.0	Water depth (m)	0.05 Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	2	1		1		
Sluices				Outfalls		
Culverts				Fords		
Bridges	1	1	1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes: <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	-	Water meadow	-	Marsh	-	Other	-
Leafy debris	X	Fen	-	Flush	-		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: HOUSING ROAD OVERDEEPPENING

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Alitude(m), BGS Solid geology code, Distance from source(km), Height of source(m), Slope (m/km), BGS Drift geology code, Significant tributary?, Water Quality class, Flow category (1-10), Platform category, Navigation?, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14589

Grid reference: SY 22870 River: UN-NAMED TRIB. OF EXE (S8)
Date: 31/1/1997 Time: 16.00 Surveyor: DS Accred. code: MN59
Adverse conditions? No X Yes -
Bed of river visible? No - Part. - Entire. X
Duplicate photographs: general character? No - Yes X
Surveyed from: Left X Right X Channel X
SERCON survey in addition? No - Yes Y

C. PREDOMINANT VALLEY FORM

Table with 2 columns: Description, Frequency. Includes shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical.

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 4 columns: Riffles, Unvegetated point bar, Pools, Vegetated point bar. Values: Riffles 4, Unvegetated point bar 6, Pools 9, Vegetated point bar 2.

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Description, L, R, I, R. Includes Broadleaf/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Wetland/heath (MH), Herb (SC), Tall herbs (TH), Rock and acre (RS).

BANK PROFILES

Table with 6 columns: Profile type, L, R, Description, L, R. Includes Natural/unmodified, Vertical undercut, Vertical + toe, Composite, Artificially modified, Resected, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Tree/Feature type, Left, Right, Frequency. Includes None, Isolated/scattered, Regularly spaced, single, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature type, None, Present, E, Frequency, Description, None, Present, E (>33%). Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Puddled reaches, Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end - downstream end X

E. PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and 4 rows (Material, Bank modification(s), Bank feature(s), CHANNEL).

Table with 10 columns (1-10) and 4 rows (Channel substrate, Flow type, Channel modification(s), Channel feature(s)).

Table with 10 columns (1-10) and 4 rows (Material, Bank modification(s), Bank feature(s), CHANNEL).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (1-10) and 6 rows (LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R)).

G CHANNEL VEGETATION TYPES

Table with 10 columns (1-10) and 14 rows (NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae).

I. CHANNEL DIMENSIONS

Table with 6 columns: Description, L, R, I, R. Includes LEFT BANK, CHANNEL, RIGHT BANK. Measurements: Banktop height(m), Banktop = Bankfull?, Embankment height (m), Water depth (m), height above water(m).

Bed material at site is: consolidated - unconsolidated Xunknown -

Location of measurement is: riffle - run or glide - other X

M ARTIFICIAL FEATURES

Table with 7 columns: None, Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting - Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

Table with 4 columns: None, Description, Frequency, Description, Frequency. Includes Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed bank, Floating mat, Other.

F CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: FORESTRY Animals: Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	73	Slope (m/km)	20	Flow category (I-III)	I
BGS Solid geology code	85	BGS Drift geology code	6	Platform category	2
Distance from source(km)	1.5	Significant tributary?	N	Navigation?	N
Height of source(m)	128	Water Quality class	0	RHS Segment type	8

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14590

Grid reference: SY 42930 River: UN-NAMED TRIB. OF CRANNY

Date: 6/11/1997 Time: 8.15 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes -

Bed of river visible? No Part. X Entire -

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right X Channel X

SERCON survey in addition? No Yes Y

PREDOMINANT VALLEY FORM

X shallow vee	concave/bowl
- deep vee	symmetrical
- gorge	asymmetrical

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	2
Pools	0	Vegetated point bar	2

Output created by IFE, Wareham on 05/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Road/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned	E	/
Vertical + toe			Reinforced - whole bank	/	/
Top >45			Reinforced - top only		
Stippled	/		Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	-	X
Isolated/scattered			Overhanging boughs	-	X
Regularly spaced, single			Exposed bankside roots	X	-
Occasional clumps	X	X	Underwater tree roots	X	-
Semi-continuous			Fallen trees	X	-
Continuous			Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	CL	CL	BR	CL	EA	CL	EA	EA	EA
Bank modification(s)	RS	NO	RS	RS RI	RS	NO	PC	NO	NO	NO
Bank feature(s)	EC	SB	NO	NO	NO	NO	NO	EC	EC	PB
CHANNEL										
Channel substrate	P	P	P	P	NV	P	P	P	P	P
Flow type	SM	RP	RP	SM	NP	NP	RP	NP	NP	UW
Channel modification(s)	NO	NO	RS	RS	RS	NO	NO	NO	NK	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	CL	BR	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	RI	NK	NO	PC	NO	NO	PC
Bank feature(s)	VP	NO	NO	NO	NO	NO	NO	EC	VP	PB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	U	U	B	U	U	U	U	C	C
LEFT BANK FACE	B	S	S	B	S	C	S	B	S	S
RIGHT BANK FACE	S	S	S	C	S	S	S	U	S	B
RIGHT BANK-TOP	C	S	C	U	C	C	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

	/	/	/	NV	/			NV	/
NONE									
Liverworts/mosses/lichens	/					/	/		/
Emergent broad-leaved herbs	/					E	E		/
Emergent reeds/sedges/rushes									
Floating-leaved (rooted)									
Free-floating									
Amphibious									
Submerged broad-leaved									
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.5	Bankfull width(m) 4.5
Banktop = Bankfull?	N	Banktop = Bankfull? Y
Embanked height (m)	0.0	Embanked height (m) 0.0

If scratchline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated - X unknown -

Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	1	
Culverts	1			Fords	1	
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None - Dredging - Mowing - Wood-cutting X

Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Friaging reed-bank
Waterfalls >5m high			
Braided/side channels		Carr	Floating mat
Debris dam		Marsh	Other
Leafy debris	X	Fen	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO - YES X

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

1997 RIVER HABITAT SURVEY page 1 of 4 14591
BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 25 Slope (m/km) 10 Flow category (1-10) 2
BGS Solid geology code 90 BGS Drift geology code 6 Platform category 3
Distance from source(km) 7.5 Significant tributary? N Navigation? N
Height of source(m) 203 Water Quality class 1 RHS Segment type 3
FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14591
Grid reference: SY 134892 River: SID 161
Date: 4/11/1997 Time: 13.45 Surveyor: JP Accred. code: MN61
Adverse conditions? No Yes X
Bed of river visible? No Part. X Entire.
Duplicate photographs: general character? No Yes X
Surveyed from: Left X Right X Channel X
SERCON survey in addition? No Yes Y

C. PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Terraced valley? No Yes X

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 7 Unvegetated point bar 1
Pools 0 Vegetated point bar 4
Output created by IFE, Wareham on 09/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14591
II LAND USE WITHIN 50m OF BANKTOP
L R L R
Rough pasture (RP) E E
Improved/semi-improved grass (IG) E E
Tilled land (TL) / /
Wetland (eg bog, marsh, fen)(WL) / /
Open water (OW) / /
Suburban/urban development (SU) / /
Rock and scree (RS) / /

BANK PROFILES
L R L R
Artificial/modified L R
Vertical/undercut E E
Reinforced - whole bank / /
Reinforced - top only / /
Reinforced - toe only / /
Artificial two-stage / /
Poached / /
Embanked / /
Set-back embankments / /

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E (>33%)
Shading of channel X
Overhanging boughs X
Exposed bankside roots X
Underwater tree roots X
Fallen trees X
Coarse woody debris X

K EXTENT OF CHANNEL FEATURES
Waterfall(s) None Present E Marginal deadwater None Present E (>33%)
Cascade(s) X Exposed bedrock X
Rapid(s) X Exposed boulders X
Riffle(s) X Unvegetated mid-channel bar(s) X
Run(s) X Vegetated mid-channel bar(s) X
Boil(s) X Mature island(s) X
Glide(s) X Unvegetated side bar(s) X
Pool(s) X Vegetated side bar(s) X
Ponded reach(es) X Discrete silt deposit(s) X
Discrete sand deposit(s) X

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14591
Spot check 1 is at: upstream end downstream end X
E PHYSICAL ATTRIBUTES
LEFT BANK
Material EA RR EA EA EA EA EA EA EA EA
Bank modification(s) NO RI NO NO NO NO NO NO NO NO
Bank feature(s) VS NO NO VP EC NO NO NO EC NO

CHANNEL
Channel substrate CO CO CO P P CO CO NV P P
Flow type UW RP UW SM RP RP UW SM RP RP
Channel modification(s) NO NO NO NO NO NO NO NO NO
Channel feature(s) NO NO NO NO NO TR TR NO NO NO

RIGHT BANK
Material RR EA EA EA EA EA EA EA EA EA
Bank modification(s) RI NO NO NO NO RI NO NO NO NO
Bank feature(s) SC EC PE VP EC VP NO NO SC NO NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) BL BL WL IG IG RP RP IG IG IG
LEFT BANK-TOP S S S U U S S S U S
LEFT BANK FACE S S S S B S S S B S
RIGHT BANK FACE S B S S S S S S S S
RIGHT BANK-TOP U U S S S U S S U S
LAND USE WITHIN 5m OF BANK TOP (R) IG IG RP RP BL TL TH IG IG BL

G CHANNEL VEGETATION TYPES
NONE
Liverworts/mosses/lichens / / / / / / / / /
Emergent broad-leaved herbs / / / / / / / / /
Emergent reeds/sedges/rushes / / / / / / / / /
Floating-leaved (rooted) / / / / / / / / /
Free-floating / / / / / / / / /
Amphibious / / / / / / / / /
Submerged broad-leaved / / / / / / / / /
Submerged linear-leaved / / / / / / / / /
Submerged fine-leaved / / E / / / E / E
Filamentous algae / / / / / / / / /

1997 RIVER HABITAT SURVEY page 4 of 4 14591
I. CHANNEL DIMENSIONS
LEFT BANK CHANNEL RIGHT BANK
Banktop height(m) 0.7 Bankfull width (m) 4.5 Banktop height (m) 0.7
Banktop = Bankfull? Y Water width (m) 4.3 Banktop = Bankfull? Y
Embanked height (m) 0.0 Water depth (m) 0.3 Embankment height (m) 0.0
If traseline lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated unconsolidated X unknown
Location of measurement is: riffle run or glide X other

M ARTIFICIAL FEATURES
None Major Intermediate Minor Major Intermediate Minor
Weirs / / / / / / / / /
Stuices / / / / / / / / /
Culverts / / / / / / / / /
Bridges / / / / / / / / /
Other / / / / / / / / /

N EVIDENCE OF RECENT MANAGEMENT
None X Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST
None Waterfalls >5m high Artificial open water Bog Fringing reed-bank
Braided/side channels Natural open water X Carr Floating mat
Debris dam Water meadow Marsh Other
Leafy debris Fen Flush

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)
None Giant hogweed Himalayan balsam X Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts:
Land Management: PARKLAND
Animals: HERON
Other significant observations: Footpath, Adverse conditions - heavy rain.

S ALDERS
Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value 1, Value 2, Value 3. Includes Altitude(m), BGS Solid geology code, Distance from source(km), Height of source(m).

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Grid reference: SY 162921 River: UN-NAMED TRIB. OF SID 162 Date: 7/11 /1997 Time: 9.30 Surveyor: JP Accred. code: MN4

Adverse conditions? No X Yes Bed of river visible? No Part. Entire. X Duplicate photographs: general character? No Yes X Surveyed from: Left X Right X Channel X SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

Table with 2 columns: Description, Form. Includes shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical.

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 2 columns: Feature, Count. Includes Riffles (4), Unvegetated point bar (13), Pools (0), Vegetated point bar (0).

Outlet created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with 2 columns: L, R. Includes Broadleaf/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Wetland (WL), Open water (OW), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 2 columns: L, R. Includes Natural/unmodified, Vertical/undercut, Vertical + vee, Composite, Artificial/modified, Reactioned, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Pouched, Embanked, Set-back embankments.

I EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 2 columns: Left, Right. Includes Trees (None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous) and Associated Features (Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris).

K EXTENT OF CHANNEL FEATURES

Table with 2 columns: None, Present. Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and 4 rows: LEFT BANK (Material, Bank modification(s), Bank feature(s)), CHANNEL (Channel substrate, Flow type, Channel modification(s), Channel feature(s)), RIGHT BANK (Material, Bank modification(s), Bank feature(s)).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (1-10) and 5 rows: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with 10 columns (1-10) and 10 rows: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I. CHANNEL DIMENSIONS

Table with 3 columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Banktop = Bankfull?, Embanked height(m), Water width(m), Water depth(m), Embanked height(m).

M ARTIFICIAL FEATURES

Table with 3 columns: Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

Table with 3 columns: Dredging, Mowing, Weed-cutting. Includes Enhancement, Other?

O FEATURES OF SPECIAL INTEREST

Table with 2 columns: None, Present. Includes Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None X Giant hogweed Himalayan balm Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: Other significant observations: Keuper/bunter marl in bedrock (Merican mudstone)?

S ALDERS

Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	78	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3.5	Significant tributary?	Y	Navigation?	N
Height of source(m)	241	Water Quality class	2	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14593

Grid reference: SY 183956 River: COLY 163

Date: 7/11 /1997 Time: 11.55 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	5
Pools	1	Vegetated point bar	0

Output created by JFE, Wareham on 09/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14593

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Woodland/mixed woodland (BL)	/			E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)			Open water (OW)	
Tall herbs (TH)			Suburban/urban development (SU)	/
			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
>45			Reinforced - top only	/	/
Toe	/		Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments	/	

J EXTENT OF TREES AND ASSOCIATED FEATURES

	TREES		ASSOCIATED FEATURES	
	Left	Right	None	Present E (>33%)
None	-	-	Shading of channel	X
Isolated/scattered	-	-	Overhanging boughs	X
Regularly spaced, single	-	-	Exposed bankside roots	X
Occasional clumps	X	X	Underwater tree roots	X
Semi-continuous	-	-	Fallen trees	X
Continuous	-	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None		Present E (>33%)	
	X	-	None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	X
Cascade(s)	-	X	Exposed bedrock	X
Rapid(s)	-	X	Exposed boulders	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X
Boil(s)	-	X	Mature island(s)	X
Glide(s)	-	X	Unvegetated side bar(s)	X
Pool(s)	-	X	Vegetated side bar(s)	X
Ponded reach(es)	-	X	Discrete silt deposit(s)	X
			Discrete sand deposit(s)	X

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	BR	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SB	EC	VS	EC	NO	NO	SB	SC	PB	EC
CHANNEL										
Channel substrate	P	CO	P	P	CO	G	CO	P	CO	CL
Flow type	UW	UW	SM	SM	SM	SM	UW	SM	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	MB	RO	NO	NO	NO	RO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	BR	EA	EA	EA	CO	CO
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SC	SC	NO	EC	SC	EC	EC	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	U	S	S	S	S	S	S	S	U	U
LEFT BANK FACE	U	B	S	B	S	S	S	S	B	B
RIGHT BANK FACE	S	S	S	S	B	S	S	B	B	S
RIGHT BANK-TOP	S	S	C	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										
	RP	BL	SC	BL	SU	IG	IG	IG	TH	IG
G CHANNEL VEGETATION TYPES										
NONE						/				
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved			/	/	/	/	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae		/	/	/	/	/	/	/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.4	Bankfull width (m)	7.5	Banktop height (m)	1.6
Banktop = Bankfull?	Y	Water width (m)	4.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs		1		Revetments		
Sluices				Outfalls	2	
Culverts				Fords	1	
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high Artificial open water Bog Fringing reed-bank

Braided/side channels Natural open water Carr Floating mat

Debris dam Water meadow Marsh Other

Leafy debris Fen Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	83	Slope (m/km)	15	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	11	Planform category	2
Distance from source(km)	3.5	Significant tributary ?	N	Navigation?	N
Height of source(m)	200	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14594

Grid reference: SY 202915 River: UN-NAMED TRIB. OF COLY 16

Date: 4/11 /1997 Time: 11.15 Surveyor: JF Accred. code: MN61

Adverse conditions? No Yes X

Bed of river visible? No Part. X Entire.

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right X Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	X	symmetrical
gorge		asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	11	Unvegetated point bar	7
Pools	2	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/mixed woodland (BL)	E	E	Rough pasture (RP)	/	
Coniferous plantation (CP)		E	Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)	/	/
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Top >45			Reinforced - top only		
Toe	E	E	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	X	
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps	X		Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous		X	Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)		X
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)	X		Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)		X	Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	PC	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	EC	NO	NO	EC	PB	PB	NO	EC
CHANNEL										
Channel substrate	P	P	P	P	P	P	GP	GP	P	CO
Flow type	UW	SM	RP	SM	UW	SM	RP	NP	UW	UW
Channel modification(s)	NO	NO	NO	NO	FO	NO	NO	NO	NO	NO
Channel feature(s)	VB	NO	NO	NO	*	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	NO	PB	NO	NO	SC	NO	EC	SC	PB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	SU	RP	RP	RP	RP	RP
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	B	S	S	B	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	SU	BL	RP	RP	BL	BL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/			/	/	/	/
Emergent broad-leaved herbs	/					/			/	/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	3.0	Banktop height (m)	0.6
Banktop = Bankfull ?	N	Water width (m)	2.75	Banktop = Bankfull ?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated X unknown -

Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	I			Revetments		
Stuices				Outfalls		
Cutverts	I			Fords	I	
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site X >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	Artificial open water	Bog	Friaging reed-bank	
Braided/side channels	Natural open water	Carr	Floating mat	
Debris dam	Water meadow	Marsh X	Other	
Leafy debris	Fen	Flush		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS

Alders? None Present X Extensive Disused alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	5	Slope (m/km)	1.3	Flow category (1-10)	5
BGS Solid geology code	90	BGS Drift geology code	6	Planform category	3
Distance from source(km)	28.5	Significant tributary ?	N	Navigation?	N
Height of source(m)	190	Water Quality class	2	RHS Segment type	1

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14595
 Grid reference: SY 27464 River: AXE 165
 Date: 8 /1997 Time: 15.10 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C. PREDOMINANT VALLEY FORM

- shallow vee		- concave/bowl
- deep vee	X	- symmetrical
- gorge		- asymmetrical

Terraced valley? No Yes

D. NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	4	Unvegetated point bar	0
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	I	R
Grass/mixed woodland (BL)				
Coniferous plantation (CP)				
Orchard (OR)				
Woodland/heath (MH)				
Open water (OW)				
Suburban/urban development (SU)				
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	I	R
Vertical/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	E	Reinforced - whole bank	/	/
Toe >45	/	/	Reinforced - top only		
Toe <45	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Paunched	/	/
			Embanked		
			Set-back embankments		

J. EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X		Shading of channel	X	
Isolated/scattered		X	Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots		X
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K. EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)
Waterfall(s)	X	
Cascade(s)	X	
Rapid(s)	X	
Riffle(s)		X
Run(s)		X
Boil(s)		X
Glide(s)		X
Pool(s)	X	
Ponded reach(es)	X	
		Marginal deadwater
		Exposed bedrock
		Exposed boulders
		Unvegetated mid-channel bar(s)
		Vegetated mid-channel bar(s)
		Mature island(s)
		Unvegetated side bar(s)
		Vegetated side bar(s)
		Discrete silt deposit(s)
		Discrete sand deposit(s)

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CC	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	NO	NO	PC	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	SC	NO	SC	SC	EC	EC	VP	NO

CHANNEL	CO	NV	NV	CO	CO	CO	P	P	CO	CO
Channel substrate	RP	SM	SM	UW	SM	SM	UW	SM	RP	UW
Flow type	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK	CC	EA	EA	EA	EA	EA	EA	EA	EA	EA
Material	RI	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F. BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)	U	U	U	U	U	U	U	U	U	U
LEFT BANK-TOP	S	B	S	S	U	S	S	B	S	S
LEFT BANK FACE	S	S	S	S	S	U	S	S	B	B
RIGHT BANK FACE	U	U	U	U	U	U	U	U	U	U
RIGHT BANK-TOP	TL	TL	TL	TL	TL	IG	IG	IG	IG	IG

G. CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious	/									/
Submerged broad-leaved	/		/	/	/	/	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved	/		E	/	/	/	/	E	E	E
Filamentous algae								/	/	/

L. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.75	Bankfull width (m)	16.0	Banktop height (m)	1.0
Banktop = Bankfull ?	N	Water width (m)	15.9	Banktop = Bankfull ?	N
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashing lower than break in slope, indicate: height above water(m) = 0.6
 Bed material at site is: consolidated unconsolidated Unknown
 Location of measurement is: riffle run or glide other

M. ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Wears				Revetments		
Sluices				Outfalls		
Culverts				Fords	/	
Bridges			/	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N. EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging	Mowing	Wood-cutting
	Enhancement	Other?	

O. FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high	Natural open water	Carr	Floating mat
Braided/delta channels	Water meadow	Marsh	Other
Debris dam	Pen	Flush	

P. CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q. NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R. OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: SWAN GOOSE
 Other significant observations:

S. ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	130	Slope (m/km)	16.7	Flow category (1-10)	2
BGS Solid geology code	90	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	165	Water Quality class	2	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14596

Grid reference: ST 102049 River: TALE 173
 Date: 2VI /1997 Time: 14.05 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee symmetrical
 gorge asymmetrical
 Trenched valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 11 Unvegetated point bar 2
 Pools 2 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Sadistic/mixed woodland (BL)		/	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Tilled land (TL)	/	/
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)	/	/
			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	E
Top >45			Reinforced - top only	/	
Side			Reinforced - toe only	/	
Composite			Artificial two-stage		
			Paunched	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present E	None	Present E (>33%)	None	Present E (>33%)
None						X
Isolated/scattered					X	
Regularly spaced, single					X	
Occasional clumps					X	
Semi-continuous	X	X			X	
Continuous					X	

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	X		Exposed bedrock		X
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)		X
Pool(s)		X	Vegetated side bar(s)		X
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	CC	BR	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	RI	RI	RI	RI	NO	NO	NO	NO	NO
Bank feature(s)	VS	NO	SB	NO	NO	SB	NO	PB	NO	NO

CHANNEL

Channel substrate	CO	AR	CO	P	P	CO	P	CO	CO	P
Flow type	RP	BW	UW	SM	UW	SM	UW	UW	NP	RP
Channel modification(s)	NO	RI	NO	NO	FO	NO	NO	NO	NO	NO
Channel feature(s)	TR	NO	RO	NO	RO	NO	MB	RO	NO	MB

RIGHT BANK

Material	EA	CC	BR	BR	EA	EA	EA	CL	BE	GS
Bank modification(s)	NO	RI	RI	RI	PC	NO	NO	NO	NO	NO
Bank feature(s)	VS	NO	NO	NO	NO	SC	NO	NO	SC	(EC)

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	BL	RP	SU	TL	CP	SU	BL	IG	BL
LEFT BANK-TOP	U	S	S	C	C	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	B	B	S	S	S	S	S	B
RIGHT BANK-TOP	S	S	B	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	SU	SU	BL	IG	IG	BL	SC	TH

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/		/	/	/	/	/	/
Emergent broad-leaved herbs					/					/
Emergent reeds/hedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae				/	/					/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height (m)	1.25	Bankfull width (m)	4.5	Banktop height (m)	1.3
Banktop = Bankfull?	N	Water width (m)	4.4	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.45					
Bed material at site is: consolidated - unconsolidated - X unknown -					
Location of measurement is: riffle X run or glide - other -					

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	2	
Culverts				Fords	1	
Bridges	1			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None - Dredging - Mowing - Weed-cutting
 Enhancement - Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Carr
Debris dam		Water meadow		Marsh
Leafy debris	X	Fen		Flush
				Fringing reed bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD
 Land Management:
 Animals: DRAGON/DAMSEL FLIES
 Other significant observations:

S ALDERS

Alders? None Present - Extensive - Diseased alders? None Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	175	Slope (m/m)	11	Flow category (1-10)	2
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	1
Distance from source(km)	2.3	Significant tributary?	N	Navigation?	N
Height of source(m)	245	Water Quality class	2	RHS Segment type	9

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14597

Grid reference: ST 124086 River: SHIELDON STREAM 174
 Date: 23/1/1997 Time: 16.05 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	-	concave/bowl
<input type="checkbox"/> deep vee	-	symmetrical
<input type="checkbox"/> gorge	-	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	13	Unvegetated point bar	9
Pools	0	Vegetated point bar	0

Output created by IFE, Wexham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Decid/mixed woodland (BL)	E	/	Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Arable/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	E	/
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	
Toe > 45			Reinforced - top only		
Toe < 45	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
			None	Present E (>33%)
None	-	-	Shading of channel	- X
Isolated/scattered	-	-	Overhanging boughs	- X
Regularly spaced, single	-	-	Exposed bankside roots	- X
Occasional clumps	-	-	Underwater tree roots	- X
Semi-continuous	-	X	Fallen trees	- X
Continuous	X	-	Coarse woody debris	- X

K EXTENT OF CHANNEL FEATURES

	None	Present	E	Marginal deadwater	
				None	Present E (>33%)
Waterfall(s)	X	-	-	Marginal deadwater	- X
Cascade(s)	X	-	-	Exposed bedrock	- X
Rapid(s)	X	-	-	Exposed boulders	- X
Riffle(s)	-	-	X	Unvegetated mid-channel bar(s)	- X
Run(s)	-	X	-	Vegetated mid-channel bar(s)	- X
Boil(s)	X	-	-	Mature island(s)	- X
Slide(s)	-	X	-	Unvegetated side bar(s)	- X
Pool(s)	X	-	-	Vegetated side bar(s)	- X
Ponded reach(es)	-	X	-	Discrete silt deposit(s)	- X
				Discrete sand deposit(s)	- X

Spot check 1 is at: upstream end downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SC	NO	PB	NO	PB	SC	NO

CHANNEL

Channel substrate	P	P	CO	P	P	P	CO	CO	CO	CO
Flow type	UW	RP	UW	UW	SM	RP	UW	UW	BW	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	DA	NO
Channel feature(s)	NO	NO	RO	RO	NO	NO	MB	RO	NO	NO

RIGHT BANK

Material	CL	EA	EA	EA	EA	CL	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	EC	NO	NO	EC	SC	EC	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	WL	BL	BL	RP	BL	BL	WL	WL	WL
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	U	S	S	S	S	S	B	S	S	U
RIGHT BANK FACE	U	S	B	U	S	S	S	S	S	U
RIGHT BANK-TOP	U	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	BL	BL	BL	RP	RP	WL	WL

G CHANNEL VEGETATION TYPES

NONE							/	/		
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs										/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	/									/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
0.5	3.2	0.5
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? Y
	3.2	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.12	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated - unconsolidated - Unknown -
 Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts	/			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None Dredging - Mowing - Weed-cutting -
 Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None -
 Waterfalls >5m high - Artificial open water - Bog - Fringing reed-bank -
 Braided/side channels - Natural open water X Carr X Floating mat -
 Debris dam X Water meadow - Marsh - Other -
 Leafy debris X Fen - Flush -

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, 6 = more)

None Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations:

S ALDERS

Alders? None - Present - Extensive X Diseased alders? None Present - Extensive -

1997 RIVER HABITAT SURVEY page 1 of 4 14598

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	66	Slope (m/km)	6.7	Flow category (1-10)	1
BGS Solid geology code	85	BGS Drift geology code	6	Planform category	3
Distance from source(km)	5.5	Significant tributary?	N	Navigation?	N
Height of source(m)	239	Water Quality class	1.5	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14598

Grid reference: ST 112367 River: DONIFORD STREAM 175

Date: 21/7/1997 Time: 9.20 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	12	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

Output created by IFE, Warrham on 09/02/1998

E NO. 14598 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14598

II LAND USE WITHIN 50m OF BANKTOP

Arable/mixed woodland (BL)	/	Rough pasture (RP)	
Cumiferous plantation (CP)		Improved/semi-improved grass (IG)	E E
Orchard (OR)		Tilled land (TL)	
Wetland/peat (MH)		Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)		Open water (OW)	
Suburban/urban development (SU)		Suburban/urban development (SU)	/
Rock and scree (RS)		Rock and scree (RS)	

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Re-sectioned		
Vertical + toe			Reinforced - whole bank		/
Top >45	E	E	Reinforced - top only		
Stippled	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present	None	Present	None	Present E (>33%)
None					Shading of channel	X
Isolated/scattered					Overhanging boughs	X
Regularly spaced, single					Exposed bankside roots	X
Occasional clumps	X	X			Underwater tree roots	X
Semi-continuous					Fallen trees	X
Continuous					Coarse woody debris	X

X EXTENT OF CHANNEL FEATURES

	None		Present E		None		Present E (>33%)	
Waterfall(s)		X				X		
Cascade(s)		X				X		
Rapid(s)	X					X		
Riffle(s)			X			X		
Run(s)			X			X		
Boil(s)		X				X		
Glides(s)		X				X		
Pool(s)		X				X		
Ponded reach(es)	X					X		
						X		

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14598

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	PC	PC	NO
Bank feature(s)	EC	NO	NO	NO	NO	SC	NO	NO	NO	NO

CHANNEL

Channel substrate	P	SA	SA	SA	P	P	G	SA	G	G
Flow type	NP	SM	SM	SM	RP	RP	UW	RP	UW	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	CL
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	U	U	S	U	U	U	U	B	S
LEFT BANK FACE	B	S	S	U	U	S	U	U	B	U
RIGHT BANK FACE	S	B	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	C	U	S	S	S	C	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	BL	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens	/									
Emergent broad-leaved herbs				/	/	/	/	/	/	/
Emergent reeds/sedges/rushes				/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious				/	/	/	/	/	/	/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae				/	/	/	/	/	/	/

1997 RIVER HABITAT SURVEY page 4 of 4 14598

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.2	2.9	1.5
Banktop = Bankfull?	Water width (m)	Banktop = Bankfull?
N	2.1	N
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.1	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.9

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs		1		Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank	
Braided/side channels	Natural open water	Carr	Floating mat	
Debris dam	Water meadow	Marsh	Other	
Leafy debris	X	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: River through pasture deep and shallow sections.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	125	Slope (m/km)	8.33	Flow category (1-10)	4
BGS Solid geology code	90	BGS Drift geology code	0	Planform category	2
Distance from source(km)	10	Significant tributary?	N	Navigation?	N
Height of source(m)	252	Water Quality class	2	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14599

Grid reference: ST 198064 River: OTTER 181

Date: 24/1/1997 Time: 10.05 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee			<input checked="" type="checkbox"/> symmetrical
gorge			asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	11	Unvegetated point bar	3
Pools	2	Vegetated point bar	0

Output created by LFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Admixed/mixed woodland (BL)	/	Rough pasture (RP)	E	E
Cumiflorous plantation (CP)		Improved/semi-improved grass (IG)	/	
Orchard (OR)		Tilled land (TL)		
Woodland/heath (MH)		Wetland (eg bog, marsh, fen)(WL)	/	/
Open water (OW)		Open water (OW)		
Tall herbs (TH)		Suburban/urban development (SU)		
		Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Top >45			Reinforced - top only		
Side	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES		ASSOCIATED FEATURES	
None	Left Right	None Present E (>33%)	
Isolated/scattered		Shading of channel	<input checked="" type="checkbox"/>
Regularly spaced, single		Overhanging boughs	<input checked="" type="checkbox"/>
Occasional clumps	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Exposed bankside roots	<input checked="" type="checkbox"/>
Semi-continuous		Underwater tree roots	<input checked="" type="checkbox"/>
Continuous		Fallen trees	<input checked="" type="checkbox"/>
		Coarse woody debris	<input checked="" type="checkbox"/>

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None <input checked="" type="checkbox"/> Present <input type="checkbox"/>	Marginal deadwater	None <input type="checkbox"/> Present <input checked="" type="checkbox"/>
Cascades(s)	<input checked="" type="checkbox"/>	Exposed bedrock	<input checked="" type="checkbox"/>
Rapid(s)	<input checked="" type="checkbox"/>	Exposed boulders	<input checked="" type="checkbox"/>
Riffles(s)		Unvegetated mid-channel bar(s)	<input checked="" type="checkbox"/>
Run(s)	<input checked="" type="checkbox"/>	Vegetated mid-channel bar(s)	<input type="checkbox"/>
Boil(s)	<input checked="" type="checkbox"/>	Mature island(s)	<input checked="" type="checkbox"/>
Glide(s)	<input checked="" type="checkbox"/>	Unvegetated side bar(s)	<input checked="" type="checkbox"/>
Pool(s)	<input checked="" type="checkbox"/>	Vegetated side bar(s)	<input checked="" type="checkbox"/>
Ponded reach(es)	<input checked="" type="checkbox"/>	Discrete silt deposit(s)	<input checked="" type="checkbox"/>
		Discrete sand deposit(s)	<input checked="" type="checkbox"/>

Spot check 1 is at: upstream end - downstream end X

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	CL	EA	EA	EA	EA	EA	CL
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	EC	EC	VP	SC	SC	NO	NO	EC
CHANNEL										
Channel substrate	CO	CO	CO	CO	CO	CO	P	CO	SA	
Flow type	SM	RP	UW	SM	RP	RP	RP	SM	RP	NP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	MI	NO	NO	NO	MI	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	CL	CL	CL	CL	EA	EA
Bank modification(s)	NO	PC	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	PB	NO	NO	EC	EC	EC	EC	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	BL	IG	RP	WL	RP	RP	RP	RP	RP
LEFT BANK-TOP	U	S	U	U	S	S	U	U	S	U
LEFT BANK FACE	S	S	B	B	S	S	S	S	S	B
RIGHT BANK FACE	S	S	S	S	B	B	S	B	S	S
RIGHT BANK-TOP	U	S	S	S	S	U	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	WL	RP	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE									/	/
Liverworts/mosses/lichens		/	/							/
Emergent broad-leaved herbs	/		/				/			/
Emergent reeds/edges/rushes			/	/	/		/			/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved			/		E	E				/
Filamentous algae		/	/							/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.05	Bankfull width (m)	6.0	Banktop height (m)	1.05
Banktop = Bankfull?	Y	Water width (m)	5.4	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.16	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	1	
Culverts				Forts		
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Leafy debris <input type="checkbox"/>	Fen <input type="checkbox"/>	Flush <input checked="" type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: LITTER

Land Management:

Animals: HERON MOORHEN

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14600

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	175	Slope (m/m)	8.33	Flow category (1-10)	4
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3.5	Significant tributary?	Y	Navigation?	N
Height of source(m)	252	Water Quality class	2	RHS Segment type	9

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14600

Grid reference: ST 222116 River: OTTER 184

Date: 24/1/1997 Time: 12.30 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input checked="" type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	10	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

SITE NO. 14600 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14600

II LAND USE WITHIN 50m OF BANKTOP

Radical/mixed woodland (BL)	/	Rough pasture (RP)	/
Coniferous plantation (CP)		Improved/semi-improved grass (IG)	E
Orchard (OR)		Tilled land (TL)	
Wetland/heath (MH)		Wetland (eg bog, marsh, fen)(WL)	/
Open water (OW)	/	Open water (OW)	
Suburban/urban development (SU)		Suburban/urban development (SU)	
Fall herbs (TH)		Rock and scree (RS)	

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Recessioned		
Vertical + toe			Reinforced - whole bank	/	/
Top > 45			Reinforced - top only		
Stable	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	X	X	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	Manure island(s)	-	X
Glide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	-	X

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14600

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	PB	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	P	CO	P	P	CO	CO	CO	GP	P
Flow type	RP	UW	RP	RP	UW	SM	UW	UW	SM	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	MB	NO	NO	NO	NO	NO	YB	NO	MI
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	NO	EC	NO	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SC	IG	IG	IG	RP	IG	IG	IG	BL	IG
LEFT BANK-TOP	S	U	U	S	S	U	U	S	S	U
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	S	U	S	S	S	S	S	S
RIGHT BANK-TOP	U	U	U	U	U	S	S	U	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										/
Emergent broad-leaved herbs	/	/	/	E	/	/	E	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved					/	/	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved	E	/	E	E	/	/	E	/	/	E
Filamentous algae			/							/

1997 RIVER HABITAT SURVEY page 4 of 4 14600

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	0.5	Bankfull width (m)	4.0	Banktop height (m)	0.5
Banktop = Bankfull?	Y	Water width (m)	3.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Wears				Revetments		
Sluices				Outfalls		
Culverts				Fords	2	
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Cart
Debris dam	X	Water meadow	-	Marsh
Leafy debris	-	Fen	-	Flush
				X

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals: KINGFISHER

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14601

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	76	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	180	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14601

Grid reference: ST 268038 River: UN-NAMED TRIB. OF YARTY I

Date: 28/1 /1997 Time: 9.55 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/> cocave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	8	Unvegetated point bar	3
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

SITE NO. 14601 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14601

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badleaf/mixed woodland (BL)			Rough pasture (RP)	E	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		E
Orchard (OR)			Tilled land (TL)		
Arable/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	
Sub (SC)	/	/	Open water (OW)	/	
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/		Reinforced - whole bank	/	
Top >45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered	X		Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps		X	Underwater tree roots		X
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris		X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)			Unvegetated mid-channel bar(s)		X
Run(s)		X	Vegetated mid-channel bar(s)		X
Boil(s)	X		Mature island(s)	X	
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)		X
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14601

Spw check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	RS	RI	NO	NO	NO	NO	NO
Bank feature(s)	VS	NO	VP	NO	NO	SC	NO	NO	SC	EC

CHANNEL

Channel substrate	CO	CO	P	P	CO	P	CO	CO	NV	CO
Flow type	SM	RP	UW	UW	NP	UW	SM	UW	SM	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	EC	NO	NO	FB	NO	NO	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	SC	OW	RP	RP	WL	RP	WL	RP
LEFT BANK-TOP	U	U	S	S	U	C	S	S	S	U
LEFT BANK FACE	S	S	S	C	S	U	S	S	U	S
RIGHT BANK FACE	S	S	S	S	U	S	S	S	U	S
RIGHT BANK-TOP	C	C	C	U	C	U	S	C	U	C
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	SC	RP	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE			NV	/						-NV
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/					/	/	/	/
Emergent reeds/sedges/rushes							/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved	/	/	/	/	/	/	/	/	/	/
Filamentous algae										/

1997 RIVER HABITAT SURVEY page 4 of 4 14601

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.7	Bankfull width (m)	3.4	Banktop height (m)	1.0
Banktop = Bankfull ?	*	Water width (m)	1.9	Banktop = Bankfull ?	*
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	X

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	X	Bog	Fringing reed-bank
	Natural open water		Carr	Floating mat
	Water meadow		Marsh	X
	Fen		Flush	X

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals: KINGFISHER

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	113	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	91	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3.2	Significant tributary?	N	Navigation?	N
Height of source(m)	259	Water Quality class	2	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14602

Grid reference: ST 299147 River: DING 189
Date: 24/1/1997 Time: 16.45 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C. PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	10	Unvegetated point bar	8
Pools	3	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Broadleaf/mixed woodland (BL)	E		Rough pasture (RP)	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/
Orchard (OR)			Tilled land (TL)	E
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Open water (SC)			Open water (OW)	
Tall herbs (TH)			Suburban/urban development (SU)	
			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unaltered	/	/	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45°	E	E	Reinforced - top only		
Slope			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	X	-
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	X	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	-	X
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	-	X
Glides(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	BE	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	NO	SC	NO	PB	PB	NO	PB	PB
CHANNEL										
Channel substrate	CO	CO	CO	CO	CO	CO	P	CO	CO	CO
Flow type	RP	UW	SM	RP	RP	SM	NP	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	NO	NO	MI	NO	NO	TR	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	PB	SB SC	NO	PB	EC	SB	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	BL	BL	BL	BL	BL	RP	RP	RP
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	S	S	U	U	U
LEFT BANK FACE	S	S	S	S	S	S	B	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)										
	TL	TL	BL	TL	TL	TH	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/	/
NONE										
Liverworts/mosses/lichens				/					/	/
Emergent broad-leaved herbs										/
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height (m)	1.0	Bankfull width (m)	7.0	Banktop height (m)	0.5
Banktop = Bankfull?	N	Water width (m)	5.0	Banktop = Bankfull?	Y
Embankment height (m)	0.0	Water depth (m)	0.07	Embankment height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.75					
Bed material at site is: consolidated - unconsolidated X unknown					
Location of measurement is: riffle X run or glide - other					

M ARTIFICIAL FEATURES

	Major	Intermediate	Minor	Major	Intermediate	Minor
None						
X Weirs						
Sluices						
Culverts						
Bridges						

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Fringing reed-bank
Debris dam	X	Water meadow	-	Marsh
Leafy debris	X	Fen	-	Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = brambles, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Badger set.

S ALDERS

Alders: None Present Extensive Disused alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION

Table with columns: Parameter, Value 1, Value 2, Value 3, Value 4, Value 5. Includes Altitude, BGS Solid geology code, Distance from source, Height of source, Slope, BGS Drift geology code, Significant tributary, Water Quality class, Flow category, Platform category, Navigation, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed Reference site number: 14603

Grid reference: ST 298059 River: KIT BROOK 190 Date: 25/1 /1997 Time: 12.03 Surveyor: JP Accred. code: MNG1

Adverse conditions? No - Yes X Bed of river visible? No - Part. - Entire X Duplicate photographs: general character? No - Yes X Surveyed from: Left X Right X Channel X SERCON survey in addition? No - Yes Y

C PREDOMINANT VALLEY FORM X shallow vee - concave/bowl - deep vee - symmetrical - gorge - asymmetrical

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS Riffles 9 Unvegetated point bar 4 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with columns: L, R. Includes Broadleaf/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Wetland/heath (MH), Scrub (SC), Tall herbs (TH), Open water (OW), Suburban/urban development (SU), Rock and scree (RS).

I BANK PROFILES

Table with columns: L, R. Includes Natural/unmodified, Vertical/undercut, Vertical + toe, Top > 5, Single, Composite, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with columns: Trees (None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous), Associated Features (Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris).

K EXTENT OF CHANNEL FEATURES

Table with columns: Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pondered reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end X downstream end

F PHYSICAL ATTRIBUTES

Table with columns 1-10. Includes LEFT BANK (Material, Bank modification(s), Bank feature(s)), CHANNEL (Channel substrate, Flow type, Channel modification(s), Channel feature(s)), RIGHT BANK (Material, Bank modification(s), Bank feature(s)).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with columns: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with columns: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I CHANNEL DIMENSIONS

Table with columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Banktop = Bankfull?, Embanked height(m), Water width(m), Water depth(m), Embanked height(m).

M ARTIFICIAL FEATURES

Table with columns: None, Major, Intermediate, Minor. Includes Weirs, Shoices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting - Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

Table with columns: None, Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Other: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = nettles)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: Other significant observations:

S ALDERS

Alders? None - Present - Extensive X Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 6 Slope (m/km) .25 Flow category (1-10) 1
BGS Solid geology code 91 BGS Drift geology code 5 Planform category 6
Distance from source(km) 3 Significant tributary? N Navigation? N
Height of source(m) 6 Water Quality class 0 RHS Segment type 3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14604

Grid reference: ST 300536 River: UN-NAMED TRIB. OF AXE 191
Date: 0 /1997 Time: 8.40 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes

Bed of river visible? No Part. X Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right Channel

SERCON survey in addition? No Yes V

C PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 0 Unvegetated point bar 0
Pools 0 Vegetated point bar 0

Output created by JFE, Warrham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP
Ruderal/mixed woodland (BL) /
Coniferous plantation (CP) Improved/semi-improved grass (IG) E E
Orchard (OR) Tilled land (TL)
Woodland/heath (MH) Wetland (eg bog, marsh, fen)(W/L) / /
Open water (OW)
Suburban/urban development (SU) / /
Rock and scree (RS)

BANK PROFILES
Natural/unmodified L R Artificial/modified L R
Vertical/undercut Resectioned E E
Vertical + toe Reinforced - whole bank / /
Slope >45 Reinforced - top only
Stable Reinforced - toe only
Composite Artificial two-stage
Poached
Embanked
Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E (>33%)
None - - Shading of channel - X -
Isolated/scattered X X Overhanging boughs X - -
Regularly spaced, single - - Exposed bankside roots X - -
Occasional clumps - - Underwater tree roots X - -
Semi-continuous - - Fallen trees X - -
Continuous - - Coarse woody debris X - -

K EXTENT OF CHANNEL FEATURES
Waterfall(s) None Present E Marginal deadwater None Present E (>33%)
Cascade(s) X - - Exposed bedrock X - -
Rapid(s) X - - Exposed boulders X - -
Riffle(s) X - - Unvegetated mid-channel bar(s) X - -
Run(s) X - - Vegetated mid-channel bar(s) X - -
Boil(s) X - - Mature island(s) X - -
Glide(s) X - - Unvegetated side bar(s) X - -
Pond(s) X - - Vegetated side bar(s) X - -
Ponded reach(es) - - X Discrete silt deposit(s) X - -
Discrete sand deposit(s) X - -

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES
LEFT BANK
Material EA EA EA EA EA EA EA EA EA EA EA
Bank modification(s) RS RS RS RS RS RS RS RS RS RS NO
Bank feature(s) NO NO NO NO NO NO NO NO NO NO NO
CHANNEL
Channel substrate CL SI SI SI SI SI SI CL SI SI
Flow type NP NP NP NP NP NP NP NP NP NP NP
Channel modification(s) RS RS RS RS RS RS RS RS RS RS RS
Channel feature(s) NO NO NO NO NO NO NO NO NO NO NO
RIGHT BANK
Material EA EA EA EA EA EA EA EA EA EA EA
Bank modification(s) RS RS RS RS RS RS RS RS RS RS RS
Bank feature(s) NO NO NO NO NO NO NO NO NO NO NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) IG IG IG IG IG IG TH TH IG IG IG
LEFT BANK-TOP U U U U U U U U U U U
LEFT BANK FACE U U U U U U S U U U
RIGHT BANK FACE U U U U U U S U U U
RIGHT BANK-TOP U U U U U U U U U U
LAND USE WITHIN 5m OF BANK TOP (R) IG IG IG IG IG BL TH TH IG IG

G CHANNEL VEGETATION TYPES
NONE
Liverworts/mosses/lichens
Emergent broad-leaved herbs
Emergent reeds/sedges/rushes / / / / / / / / / / / /
Floating-leaved (rooted)
Free-floating / / / / E E E / / / /
Amphibious
Submerged broad-leaved
Submerged linear-leaved
Submerged fine-leaved
Filamentous algae

I CHANNEL DIMENSIONS
LEFT BANK CHANNEL RIGHT BANK
Banktop height(m) 1.2 Bankfull width (m) 5.0 Banktop height (m) 1.2
Banktop = Bankfull? N Water width (m) 5.0 Banktop = Bankfull? N
Embanked height (m) 0.0 Water depth (m) 0.7 Embankment height (m) 0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.4
Bed material at site is: consolidated unconsolidated Unknown
Location of measurement is: riffle run or glide other X

M ARTIFICIAL FEATURES
None Major Intermediate Minor Major Intermediate Minor
Weirs Revetments
Sluices Outfalls
Culverts Fords
Bridges Deflectors
Other
Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT
None Dredging X Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST
None
Waterfalls >5m high Artificial open water Bog Fringing reed-bank X
Braided/side channels X Natural open water Carr Flooding mat
Debris dam Water meadow Marsh Other
Leafy debris Fen Flush

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, 6 = more)
None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts:
Land Management:
Animals:
Other significant observations: RS drainage channel. Large caravan park on both banks in last 3 sections; otherwise farmland with associated ditches. Some phragmites stands on banks.

S ALDERS
Alders? None X Present Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 86 Slope (m/Lm) 8 Flow category (1-10) 1
BGS Solid geology code 105 BGS Drift geology code 0 Platform category 2
Distance from source(km) .2 Significant tributary? N Navigation? N
Height of source(m) 89 Water Quality class 1.5 RHS Segment type 3
FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Grid reference: ST 337081 River: FORTON BROOK 194
Date: 25/1 /1997 Time: 10.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes
Bed of river visible? No Part. X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left X Right X Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Terraced valley? No X Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 3 Unvegetated point bar 0
Pools 0 Vegetated point bar 0
Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP
L R L R
Grass/mixed woodland (BL) Rough pasture (RP) /
Coniferous plantation (CP) Improved/semi-improved grass (IG) E E
Orchard (OR) Tilled land (TL)
Wetland/heath (MH) Wetland (eg bog, marsh, fen)(W/L) E E
Open water (OW)
Suburban/urban development (SU)
Rock and scree (RS)

I BANK PROFILES
Natural/unmodified L R Artificial/modified L R
Vertical/undercut / / Reexcavated E E
Vertical + toe Reinforced - whole bank / /
p > 45 Reinforced - top only
Reinforced - toe only
Composite Artificial two-stage
Poached / /
Embanked / /
Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E (>33%)
None - - Shading of channel - X -
Isolated/scattered - - Overhanging boughs - X -
Regularly spaced, single - - Exposed bankside roots X -
Occasional clumps X X Underwater tree roots X -
Semi-continuous - - Fallen trees X -
Continuous - - Coarse woody debris - X -

K EXTENT OF CHANNEL FEATURES
Waterfall(s) None Present E Marginal deadwater None Present E (>33%)
Cascade(s) X - - Exposed bedrock X -
Rapid(s) X - - Exposed boulders X -
Riffle(s) - X - Unvegetated mid-channel bar(s) X -
Run(s) - X - Vegetated mid-channel bar(s) X -
Boil(s) X - - Mature island(s) X -
Glide(s) - - X Unvegetated side bar(s) X -
Pool(s) X - - Vegetated side bar(s) X -
Ponded reach(es) - X - Discrete silt deposit(s) X -
Discrete sand deposit(s) X -

Spot check (1 is at upstream end - downstream end X)

E PHYSICAL ATTRIBUTES
LEFT BANK
Material EA EA EA EA EA EA EA EA EA EA
Bank modification(s) NO NO NO RS RS RS NO PC RS EA EM
Bank feature(s) NO NO NO NO NO NO NO NO NO NO
CHANNEL
Channel substrate G SI SI G NV G P P P P
Flow type SM SM NP SM NP RP RP UW UW RP
Channel modification(s) NO NO NO NO NO NO NO NO NO NO
Channel feature(s) NO NO NO NO NO NO NO NO NO NO
RIGHT BANK
Material EA EA EA EA EA EA EA EA EA EA
Bank modification(s) NO RS RS RS PC RS NO NO PC PC PC
Bank feature(s) NO NO NO NO NO EC NO NO NO NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) IG IG IG IG IG IG WL WL WL WL
LEFT BANK-TOP U U U U U U C S S S
LEFT BANK FACE U S S S S S S B S S
RIGHT BANK FACE B S S S S S S B S S
RIGHT BANK-TOP U U U U U U S S S U
LAND USE WITHIN 5m OF BANK TOP (R) IG IG IG IG IG IG WL WL WL RP

G CHANNEL VEGETATION TYPES
NONE
Liverworts/mosses/lichens / / /
Emergent broad-leaved herbs E E E E E E / / E
Emergent reeds/sedges/rushes / / / E / / /
Floating-leaved (rooted)
Free-floating
Amphibious
Submerged broad-leaved / / / / / / E /
Submerged linear-leaved / / / / / / /
Submerged fine-leaved
Filamentous algae

I. CHANNEL DIMENSIONS
LEFT BANK CHANNEL RIGHT BANK
Banktop height(m) 0.75 Bankfull width (m) 3.0 Banktop height (m) 0.9
Banktop = Bankfull? N Water width (m) 2.0 Banktop = Bankfull? N
Embanked height (m) 1.25 Water depth (m) 0.15 Embanked height (m) 0.0
If (trashline lower than break in slope, indicate: height above water(m) = 0.5
Bed material at site is: consolidated - unconsolidated - Unknown -
Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES
None Major Intermediate Minor Major Intermediate Minor
Weirs - - - - - -
Sluices - - - - - -
Culverts - - - - - 2
Bridges - - - I - - Deflectors - -
Other - - - - - -
Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT
None X Dredging - Mowing - Weed-cutting -
Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST
None
Waterfalls >5m high - Artificial open water - Bog - Fringing reed-bank -
Braided/side channels - Natural open water - Carr - Floating mat -
Debris dam X Water meadow - Marsh E Other -
Leafy debris - Fen - Flush -

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO YES X

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)
None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts:
Land Management:
Animals:
Other significant observations:

S ALDERS
Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	5	Slope (m/km)	.5	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	5	Planform category	6
Distance from source(km)	2	Significant tributary ?	N	Navigation?	N
Height of source(m)	6	Water Quality class	0	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14606

Grid reference: ST 330603 River: UN-NAMED TRIB. OF AXE 195

Date: 2/1 /1997 Time: 11.20 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

- shallow vee	-	concave/bowl
- deep vee	X	symmetrical
- gorge	-	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 0

Pools 0 Vegetated point bar 0

Output created by IFE, Warcham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Balloon/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	/
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)	E	E
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut			Resectioned	E	E
Vertical + toe			Reinforced - whole bank	/	/
Top >45			Reinforced - top only		
Single			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right	ASSOCIATED FEATURES		
	X			None	Present	E (>33%)
None		X		Shading of channel	X	-
Isolated/scattered	-			Overhanging boughs	X	-
Regularly spaced, single	-			Exposed bankside roots	X	-
Occasional clumps	-			Underwater tree roots	X	-
Semi-continuous	-			Fallen trees	X	-
Continuous	-			Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None		Present E			
	X			None	Present	E (>33%)
Waterfall(s)	X	-		Marginal deadwater	X	-
Cascade(s)	X	-		Exposed bedrock	X	-
Rapid(s)	X	-		Exposed boulders	X	-
Riffle(s)	X	-		Unvegetated mid-channel bar(s)	X	-
Run(s)	X	-		Vegetated mid-channel bar(s)	X	-
Bank(s)	X	-		Mature island(s)	X	-
Slide(s)	X	-		Unvegetated side bar(s)	X	-
Pool(s)	X	-		Vegetated side bar(s)	X	-
Ponded reaches	-		X	Discrete silt deposit(s)	X	-
				Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	BR	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RI	RI	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	SI	SI	SI	SI	SI	SI	SI	SI	SI	SI
Flow type	NP	NP	NP	NP	NP	RP	NP	NP	NP	NP
Channel modification(s)	RS	RS	RS	RS	RS	CV	RS	RS	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	BR	BR	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RI	RI	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SU	SU	SU	SU	SU	SU	IG	IG	IG	IG
LEFT BANK-TOP	U	S	U	U	C	B	U	U	U	U
LEFT BANK FACE	U	S	U	U	U	B	U	U	U	U
RIGHT BANK FACE	U	U	U	U	U	B	S	U	U	U
RIGHT BANK-TOP	U	U	U	U	C	B	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	TH	TH	TH	SU	SU	SU	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes	/	E	E	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating	/	E	E	/	/	/	E	E	E	E
Amphibious										
Submerged broad-leaved	/	E		/	/					/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	/									/

I CHANNEL DIMENSIONS

	LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	2.0		Bank full width (m)	4.0	Banktop height (m)	2.0
Banktop = Bankfull ?	N		Water width (m)	3.75	Banktop = Bankfull ?	N
Embanked height (m)	0.0		Water depth (m)	0.35	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.4
Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor			
Weirs							Revetments			
Slicers							Outfalls			
Culverts							Fords			
Bridges	I	I					Deflectors			
							Other			

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None <input checked="" type="checkbox"/>					
Waterfalls >5m high	-	Artificial open water	-	Bog	-
Braided/side channels	-	Natural open water	-	Carr	-
Debris dam	-	Water meadow	-	Marsh	-
Leafy debris	-	Fen	-	Flush	-
				Fringing reed-bank	-
				Floating mat	-
				Other	-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Urban channel much trash no flow. Fenced both sides gives a corridor for wildlife? Playing field and houses on both banks.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)							
Altitude(m)	16	Slope (m/km)	2	Flow category (1-10)	3		
BGS Solid geology code	91	BGS Drift geology code	0	Planform category	3		
Distance from source(km)	12	Significant tributary?	N	Navigation?	N		
Height of source(m)	269	Water Quality class	1.5	RHS Segment type	1		
FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed							
Reference site number: 14607							

Grid reference: **ST 349214** River: **FIVE HEAD 196**
 Date: **28/1 /1997** Time: **12.05** Surveyor: **JP** Accred. code: **MN61**

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM							
	shallow vee						concave/bowl
	deep vee			X			symmetrical
	gorge						asymmetrical
Terraced valley? No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>							

D NUMBER OF RIFFLES, POOLS AND POINT BARS							
Riffles	1	Unvegetated point bar				1	
Pools	3	Vegetated point bar				0	

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP							
	L	R		L	R		
Badland/mixed woodland (BL)			Rough pasture (RP)	/			
Corniferous plantation (CP)			Improved/semi-improved grass (IG)			E	
Orchard (OR)			Tilled land (TL)	E	E		
Wetland/health (MH)			Wetland (eg bog, marsh, fen)(WL)				
Tub (SC)			Open water (OW)				
Urban/suburban (TH)			Suburban/urban development (SU)				
			Rock and scree (RS)				

I BANK PROFILES							
	L	R	Artificial/modified	L	R		
Natural/unmodified			Resectioned	E	E		
Vertical/undercut			Reinforced - whole bank	/	/		
Vertical + toe			Reinforced - top only				
Toe >15			Reinforced - toe only				
Composite			Artificial two-stage				
			Poached				
			Embanked				
			Set-back embankments				

J EXTENT OF TREES AND ASSOCIATED FEATURES							
TREES		ASSOCIATED FEATURES					
None	Left	Right	Shading of channel	None	Present E (>33%)		
Isolated/scattered	-	-	Overhanging boughs	-	X	-	
Regularly spaced, single	-	-	Exposed bankside roots	-	X	-	
Occasional clumps	-	X	Underwater tree roots	-	X	-	
Semi-continuous	X	-	Fallen trees	X	-	-	
Continuous	-	-	Coarse woody debris	-	X	-	

K EXTENT OF CHANNEL FEATURES							
Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)		
Cascade(s)	X	-	Exposed bedrock	X	-	-	
Rapid(s)	X	-	Exposed boulders	X	-	-	
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-	-	
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X	-	
Boil(s)	X	-	Mature island(s)	X	-	-	
Slide(s)	-	X	Unvegetated side bar(s)	X	-	-	
Pool(s)	-	X	Vegetated side bar(s)	-	X	-	
Ponded reach(es)	-	-	Discrete silt deposit(s)	X	-	-	
			Discrete sand deposit(s)	X	-	-	

E PHYSICAL ATTRIBUTES											
	1	2	3	4	5	6	7	8	9	10	
LEFT BANK											
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	EC	NO	NO	NO	NO	NO	NO
CHANNEL											
Channel substrate	SI	P	P	NV	CO	P	CO	P	P	NV	
Flow type	SM	RP	SM	NP	SM	NP	RP	UW	NP	NP	
Channel modification(s)	RS	NO	NO	NO	NO	NO	RS	NO	NO	NO	
Channel feature(s)	NO	VB	NO	NO	NO	NO	NO	VB	NO	NO	
RIGHT BANK											
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RPC	RS	RS	RS
Bank feature(s)	NO	NO	EC	NO	VS	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE											
	TL	TL	TL	TL	IG	RP	IG	IG	RP	RP	
LAND USE WITHIN 5m OF BANKTOP (L)	TL	TL	TL	TL	IG	RP	IG	IG	RP	RP	
LEFT BANK-TOP	U	U	U	U	U	S	U	U	S	S	
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S	
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S	
RIGHT BANK-TOP	U	U	U	U	S	U	U	U	U	U	
LAND USE WITHIN 5m OF BANK TOP (R)	TL	TL	TL	TL	BL	IG	IG	IG	IG	IG	

G CHANNEL VEGETATION TYPES											
NONE				/					/		/
Liverworts/mosses/lichens			/		/						/
Emergent broad-leaved herbs							/	/			/
Emergent reeds/sedges/rushes	/	/			/	/		/	/		/
Floating-leaved (rooted)					/						/
Free-floating											
Amphibious											
Submerged broad-leaved											
Submerged linear-leaved							/	E	/		/
Submerged fine-leaved											
Filamentous algae				/				/			/

I. CHANNEL DIMENSIONS					
LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	3.0	Bankfull width (m)	8.0	Banktop height (m)	3.0
Banktop = Bank full ?	N	Water width (m)	4.0	Banktop = Bankfull ?	N
Embanked height (m)	0.0	Water depth (m)	0.09	Embanked height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 2.2					
Bed material at site is: consolidated <input type="checkbox"/> unconsolidated <input type="checkbox"/> Xunknown <input type="checkbox"/>					
Location of measurement is: riffle <input checked="" type="checkbox"/> run or glide <input type="checkbox"/> other <input type="checkbox"/>					

M ARTIFICIAL FEATURES							
None	Major	Intermediate	Minor	Major	Intermediate	Minor	
Weirs				Revetments			
Stuices				Outfalls			
Culverts				Fords			
Bridges			I	Deflectors			
				Other			
Is water impounded by weir/dam? No <input checked="" type="checkbox"/> Yes, <33% of site <input type="checkbox"/> >33% of site <input type="checkbox"/>							

N EVIDENCE OF RECENT MANAGEMENT							
None	X	Dredging	-	Mowing	-	Weed-cutting	-
		Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST							
None							
Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	-	Water meadow	-	Marsh	-	Other	-
Leafy debris	X	Fen	-	Flush	-		

P CHOKED CHANNEL	
Is 33% or more of the channel choked with vegetation?	NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)			
None	X	Giant hogweed	-
		Himalayan balsam	-
		Japanese knotweed	-
		Other?	-

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals: OTTER

Other significant observations:

S ALDERS					
Alders? None	-	Present	-	Extensive	X
Diseased alders? None	-	Present	X	Extensive	-

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	56	Slope (m/km)	6	Flow category (1-10)	1
BGS Solid geology code	92	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4.5	Significant tributary?	N	Navigation?	N
Height of source(m)	150	Water Quality class	0	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14608

Grid reference: ST 370131 River: DOWLISH BROOK 197

Date: 2/21 /1997 Time: 14.50 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire. X

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 5 Unvegetated point bar 5

Pools 2 Vegetated point bar 0

Output created by IFE, Warcham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Broadleaved/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		E
Orchard (OR)			Tilled land (TL)	E	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		/
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned	E	E
Vertical + toe			Reinforced - whole bank	/	/
Slope >45	/	/	Reinforced - top only		
Bank pile			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	X	-	Underwater tree roots	-	X
Semi-continuous	-	X	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	-	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

E PHYSICAL ATTRIBUTES

Spot check 1 is at upstream end downstream end

1	2	3	4	5	6	7	8	9	10
LEFT BANK									
Material	BR	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	RS	NO	NO	NO	RS	NO	NO	NO
Bank feature(s)	NO	NO	SC	EC	SC	NO	NO	NO	SC
CHANNEL									
Channel substrate	G	P	SA	SA	SI	SA	CO	SI	G
Flow type	SM	RP	SM	SM	NP	SM	UW	SM	RP
Channel modification(s)	NO	RS	NO	RS	RS	RS	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK									
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	RS	RS	RS	RS	RS	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	EC	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	TL	TL	TL	TL	TL	TL	TL	TL	TL
LEFT BANK-TOP	U	U	U	U	U	U	U	U	U	S
LEFT BANK FACE	S	S	S	B	S	S	S	S	S	B
RIGHT BANK FACE	S	S	S	S	S	S	B	S	S	S
RIGHT BANK-TOP	S	S	U	S	S	U	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	IG	IG	TH	IG	IG	IG	IG	BL	SU

G CHANNEL VEGETATION TYPES

NONE	/		/		/	/	/	/	/	
Liverworts/mosses/lichens				/				/	/	/
Emergent broad-leaved herbs		E								/
Emergent reeds/sedges/rushes			/							/
Floating-leaved (rooted)										/
Free-floating									/	/
Amphibious										/
Submerged broad-leaved										/
Submerged linear-leaved										/
Submerged fine-leaved										/
Filamentous algae										/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK
Banktop height(m)	2.0	Bankfull width (m)	4.8
Banktop = Bankfull?	N	Water width (m)	3.8
Embanked height (m)	0.0	Water depth (m)	0.03
		Embanked height (m)	0.0

If irishline lower than break in slope, indicate: height above water(m) = 1.0

Bed material at site is: consolidated unconsolidated X unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	2	
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	-	Water meadow	-	Marsh	-	Other	-
Leafy debris	X	Fen	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude(m), Slope (m/km), Flow category (1-10), BGS Solid geology code, BGS Drift geology code, Platform category, Distance from source(km), Significant tributary?, Navigation?, Height of source(m), Water Quality class, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14609

Grid reference: ST 406228 River: ISLE 198 Date: 28/1 /1997 Time: 14.25 Surveyor: JP Accred code: MN61

Adverse conditions? No X Yes Bed of river visible? No Part X Entire Duplicate photographs: general character? No Yes X Surveyed from: Left Right X Channel SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl deep vee X symmetrical gorge asymmetrical Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 0 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 4 columns: Land Use Type, L, R, L, R. Includes Medical/mixed woodland (BL), Rough pasture (RP), Confiferous plantation (CP), Improved/semi-improved grass (IG), Orchard (OR), Tilled land (TL), Wetland (eg bog, marsh, fen)(WL), Open water (OW), Tall herbs (TH), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 4 columns: Profile Type, L, R, Profile Type, L, R. Includes Natural/unmodified, Resectioned, Vertical + toe, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Composite, Artificial two-stage, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Trees, Left, Right, Associated Features, None, Present E (>33%). Includes Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 4 columns: Channel Feature, None, Present E (>33%), Channel Feature, None, Present E (>33%). Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end downstream end X

L PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and 3 rows: LEFT BANK (Material, Bank modification(s), Bank features(s)), CHANNEL (Channel substrate, Flow type, Channel modification(s), Channel features(s)), RIGHT BANK (Material, Bank modification(s), Bank features(s)).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (1-10) and 6 rows: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with 10 columns (1-10) and 10 rows: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/kodges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I CHANNEL DIMENSIONS

Table with 3 columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Bankfull width(m), Banktop = Bankfull?, Water width(m), Water depth(m), Embankment height(m). Includes: If irashline lower than break in slope, indicate: height above water(m) = 0.0 Bed material at site is: consolidated unconsolidated unknown X Location of measurement is: riffle run or glide other X

M ARTIFICIAL FEATURES

Table with 3 columns: Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No Yes, <33% of site >33% of site X

N EVIDENCE OF RECENT MANAGEMENT

None Dredging X Mowing Weed-cutting X Enhancement Other?

O FEATURES OF SPECIAL INTEREST

Table with 4 columns: Feature, None, Feature, None, Feature, None. Includes Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrus, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: Other significant observations:

S ALDERS

Alders? None X Present Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION *(See RHS manual for definitions)*

Altitude(m) 80 Slope (m/km) 8.33 Flow category (1-10) 4
 BGS Solid geology code 105 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 9.2 Significant tributary? Y Navigation? N
 Height of source(m) 190 Water Quality class 2 RHS Segment type 2

FIELD SURVEY DETAILS *Please check form and tick box if any corrections are needed*

Reference site number: 14610

Grid reference: ST 409064 River: AXE 200
 Date: 27/1/1997 Time: 10.35 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes
 Bed of river visible? No Part. Entire X
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left X Right X Channel X
 SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee	concave/bowl
deep vee	symmetrical X
gorge	asymmetrical

Terraced valley? No Yes X

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	0
Pools	3	Vegetated point bar	5

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Idea/mixed woodland (BL)			Rough pasture (RP)	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E E
Orchard (OR)			Tilled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/
Open water (OW)			Open water (OW)	
Tall herbs (TH)	/		Suburban/urban development (SU)	
			Rock and scree (RS)	

BANK PROFILES

Bank Profile	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/		Reinforced - whole bank		
Slope > 45			Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel	X	
Isolated/scattered	X	X	Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

Channel Feature	None	Present E	Channel Feature	None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)		X	Manure island(s)	X	
Glide(s)		X	Unvegetated side bar(s)	X	
Pool(s)		X	Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	PC	PC	NO	NO
Bank feature(s)	SC	SC	SC	SC	EC	VS	EC	NO	SC	NO

CHANNEL

Channel substrate	CO	SA	G	P	SI	P	G	G	G	
Flow type	UW	RP	SM	UW	SM	RP	UW	RP	SM	NP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	MI	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	SC	VP	SC	VP	NO	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	TH
LEFT BANK-TOP	U	U	U	U	U	U	U	U	S
LEFT BANK FACE	S	S	S	S	S	S	B	S	S
RIGHT BANK FACE	S	U	S	S	S	S	S	S	S
RIGHT BANK-TOP	U	U	U	U	U	U	S	S	U
LAND USE WITHIN 5m OF BANKTOP (R)	IG	IG	IG	IG	IG	TH	TH	IG	IG

G CHANNEL VEGETATION TYPES

Vegetation Type										
NONE										
Liverworts/mosses/lichens								/	/	/
Emergent broad-leaved herbs	/		/	/	/		/	/	/	/
Emergent reeds/sedges/rushes		/	/	/	/			/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved	/					/		/	/	/
Submerged linear-leaved										
Submerged fine-leaved	E	/	/	E	/	E	/	/	E	E
Filamentous algae	/					E	/	/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	2.5	Bankfull width (m) 10.0	Banktop height (m) 1.5
Banktop = Bankfull? N	Water width (m) 6.85	Banktop = Bankfull? Y	
Embanked height (m) 0.0	Water depth (m) 0.25	Embanked height (m) 0.0	

If trashline lower than break in slope, indicate height above water(m) = 2.45

Bed material at site is: consolidated - unconsolidated - Unknown -

Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Stakes				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting -

Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high			
Braided/side channels	Natural open water X	Carr	Floating mat
Debris dam	Water meadow	Marsh X	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = artem, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None - Giant hogweed - Himalayan balsam X Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: KINGFISHER DRAGON/DAMSELFLIES

Other significant observations:

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

BACKGROUND MAP-BASED INFORMATION *(See RHS manual for definitions)*

Altitude(m)	23	Slope (m/km)	5.55	Flow category (1-10)	1
BGS Solid geology code	92	BGS Drift geology code	0	Platform category	3
Distance from source(km)	2.2	Significant tributary?	N	Navigation?	N
Height of source(m)	39	Water Quality class	2	RHS Segment type	3

FIELD SURVEY DETAILS *Please check form and tick box if any corrections are needed*

Reference site number: 14611

Grid reference: ST 417185 River: LAMBROOK BROOK 201
Date: 27/1 /1997 Time: 16.11 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes Bed of river visible? No Part. Entire Duplicate photographs: general character? No Yes Surveyed from: Left Right Channel SERCON survey in addition? No Yes

PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee		<input type="checkbox"/> concave/bowl
<input type="checkbox"/> deep vee		<input type="checkbox"/> symmetrical
<input type="checkbox"/> borge		<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	4	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

E. NO. 14611 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14611

LAND USE WITHIN 50m OF BANKTOP

	L	R		E	R
Woodland/mixed woodland (BL)		/	Rough pasture (RP)		E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)	/		Tilled land (TL)	E	
Arland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Mud (SC)			Open water (OW)		
Rain herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned	E	E
Vertical + toe			Reinforced - whole bank	/	/
Top >45	/	/	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked	E	E
			Set-back embankments		

EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single		X	Exposed bankside roots	X	
Occasional clumps			Underwater tree roots		X
Semi-continuous	X		Fallen trees	X	
Continuous			Coarse woody debris		X

EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)		X	Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glidet(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end X downstream end

PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	BR	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	RS	ENRS	ENRS	ENRS	ENRS	ENRS	ENRS	ENRS	ENRS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	SC	SC
CHANNEL										
Channel substrate	CO	SI	SI	SI	SI	SI	SI	SI	CO	CO
Flow type	UW	NP	NP	NP	NP	NP	NP	NP	UW	RP
Channel modification(s)	NO	NO	NO	RS	RS	RS	RS	RS	NO	NO
Channel feature(s)	RO	TE	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	ENRS	ENRS	ENRS	ENRS	ENRS	ENRS	ENRS	ENRS	ENRS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	SC	NO

BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	TL	TL	TL	TL	TL	OR	OR	OR	BL
LEFT BANK-TOP	S	U	U	U	U	U	C	S	S	S
LEFT BANK FACE	B	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	U	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	U	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP

CHANNEL VEGETATION TYPES

VEGETATION TYPE	1	2	3	4	5	6	7	8	9	10
NONE									/	/
Liverworts/mosses/lichens									/	/
Emergent broad-leaved herbs	/	/	E	/	/				/	/
Emergent reeds/hedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved			E	/	/	/	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae			/	/	/	E	/	/	/	/

CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	4.0	Bankfull width (m)	2.2	Banktop height (m)	0.9
Banktop = Bankfull?	N	Water width (m)	1.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown Location of measurement is: riffle run or glide other

ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Wetlands	1			Revetments		
Shoals				Outfalls		
Culverts				Fords		
Bridges			2	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

EVIDENCE OF RECENT MANAGEMENT

None	Dredging	X	Mowing		Weed-cutting	X
	Enhancement	X	Other?			

FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Carr
Debris dam		Water meadow		Marsh
Leafy debris	X	Fen		Flush

CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

NOTABLE NUISANCE PLANTS

(Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

OVERALL CHARACTERISTICS

(Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations:

ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14612

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m) 105 Slope (m/km) 30 Flow category (1-10) 1

BGS Solid geology code 93 BGS Drift geology code 0 Planform category 2

Distance from source(km) 1 Significant tributary? N Navigation? N

Height of source(m) 160 Water Quality class 0 RHS Segment type 7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14612

Grid reference: ST 424005 River: CHAR 202

Date: 27/1 /1997 Time: 8.55 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes

Bed of river visible? No Part. Entire X

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right X Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

	shallow vee	concave/bowl
X	deep vee	symmetrical
	gorge	asymmetrical

Terraced valley? No X Yes

D NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles 9 Unvegetated point bar 3

Pools 2 Vegetated point bar 0

Output created by IFE, Warcham on 09/02/1998

REF. NO. 14612 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14612

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Natural/mixed woodland (BL)	/	E	Rough pasture (RP)		
Coniferous plantation (CP)		/	Improved/semi-improved grass (IG)		E
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	
Sub (SC)			Open water (OW)		
Tropical herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned	/	/
Vertical + toe			Reinforced - whole bank		
Top > 45	E	E	Reinforced - top only		
Side			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs		X
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous	X		Fallen trees		X
Continuous		X	Coarse woody debris		X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)		X	Unvegetated mid-channel bar(s)		X
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Glide(s)		X	Unvegetated side bar(s)		X
Pool(s)		X	Vegetated side bar(s)	X	
Ponded reach(es)		X	Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

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Spot check 1 is at: upstream end downstream end X

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	CL	EA	EA	CL	BE	BE	EA	EA	EA
Bank modification(s)	RS	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	SC	NO	SC	EC	EC	NO	NO	SC
CHANNEL										
Channel substrate	SI	SI	SI	SI	G	CO	P	SI	CO	CO
Flow type	SM	SM	RP	NP	UW	UW	SM	NP	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	MB	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	CL	CL	EA
Bank modification(s)	RS	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	SC	NO	NO	EC	SC	EC	EC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	BL	WL	WL	BL	BL	BL	IG	IG
LEFT BANK-TOP	U	S	B	U	B	S	S	S	S	U
LEFT BANK FACE	S	S	S	S	S	B	B	S	S	S
RIGHT BANK FACE	S	B	S	S	S	B	S	B	S	S
RIGHT BANK-TOP	S	C	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	BL	BL	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

	/	/	/	/						
NONE										
Liverworts/mosses/lichens					/	/	/	/	/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

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L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	8.0	Bankfull width(m) 1.6
Banktop = Bankfull? N	Water width(m) 1.25	Banktop = Bankfull? N
Embanked height(m) 0.0	Water depth(m) 0.25	Embanked height(m) 0.0

If trassline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Xunknown

Location of measurement is: riffle run or glide X other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs				Revetments		
				Outfalls		
				Fords		
				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high			
Braided/side channels			
Debris dam	E	Water meadow	Marsh X
Leafy debris	X	Fen	Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None Present Extensive X Diseased alders? None X Present Extensive

BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Table with columns for parameter and value:
Altitude(m) 7 Slope (m/km) .1 Flow category (1-10) 1
BGS Solid geology code 90 BGS Drift geology code 5 Platform category 1
Distance from source(km) 4 Significant tributary? N Navigation? N
Height of source(m) 10 Water Quality class 0 RHS Segment type 3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14613
Grid reference: ST 468468 River: UN-NAMED TRIB. OF AXE 203
Date: 22/1 /1997 Time: 17.10 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes
Bed of river visible? No Part. X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left Right X Channel
SERCON survey in addition? No Yes Y

PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS
Rifles 0 Unvegetated point bar 0
Pools 0 Vegetated point bar 0
Output created by IFE, Wareham on 09/02/1998

LAND USE WITHIN 50m OF BANKTOP
Table with columns L, R and rows:
Ruderal/mixed woodland (BL)
Cutliferous plantation (CP)
Orchard (OR)
Turf/land/heath (MH)
Mudflat (SC)
Water herbs (TH)
Rough pasture (RP)
Improved/semi-improved grass (IG)
Tilled land (TL)
Wetland (eg bog, marsh, fen)(WL)
Open water (OW)
Suburban/urban development (SU)
Rock and scree (RS)

BANK PROFILES
Table with columns L, R and rows:
Natural/unmodified
Vertical/undercut
Vertical + toe
p > 45
Stable
Composite
Artificial/modified
Resectioned
Reinforced - whole bank
Reinforced - top only
Reinforced - toe only
Artificial two-stage
Poached
Embanked
Set-back embankments

EXTENT OF TREES AND ASSOCIATED FEATURES
TREES: None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous
ASSOCIATED FEATURES: Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris

EXTENT OF CHANNEL FEATURES
Table with columns None, Present, E and rows:
Waterfall(s) X Marginal deadwater
Cascade(s) X Exposed bedrock
Rapid(s) X Exposed boulders
Riffle(s) X Unvegetated mid-channel bar(s)
Run(s) X Vegetated mid-channel bar(s)
Boil(s) X Mature island(s)
Glide(s) Unvegetated side bar(s)
Pool(s) X Vegetated side bar(s)
Ponded reach(es) Discrete silt deposit(s)
Discrete sand deposit(s) X

Spot check 1 is at: upstream end X downstream end

PHYSICAL ATTRIBUTES
LEFT BANK
Material: EA EA EA EA EA EA EA EA EA EA EA
Bank modification(s): RS RS RS RS RS RS RS RS RS RS RS
Bank feature(s): NO NO NO NO NO NO NO NO NO NO NO
CHANNEL
Channel substrate: SI CL CL CL CL CL CL CL CL CL
Flow type: NP NP NP NP NP NP NP NP NP NP NP
Channel modification(s): RS RS RS RS RS RS RS RS RS RS RS
Channel feature(s): NO NO NO NO NO NO NO NO NO NO NO
RIGHT BANK
Material: EA EA EA EA EA EA EA EA EA EA EA
Bank modification(s): RS RS RS RS RS RS RS RS RS RS RS
Bank feature(s): NO NO NO NO NO NO NO NO NO NO NO

BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L): IG IG IG IG IG * IG IG IG IG IG
LEFT BANK-TOP: U U U U U * U U U U
LEFT BANK FACE: U U U U U * U U U U
RIGHT BANK FACE: U U U U U * U U U U
RIGHT BANK-TOP: U U U U U * U U U U
LAND USE WITHIN 5m OF BANK TOP (R): IG IG IG IG IG IG IG IG IG IG IG

CHANNEL VEGETATION TYPES
NONE
Liverworts/mosses/lichens
Emergent broad-leaved herbs
Emergent reeds/sedges/rushes
Floating-leaved (rooted)
Free-floating
Amphibious
Submerged broad-leaved
Submerged linear-leaved
Submerged fine-leaved
Filamentous algae

CHANNEL DIMENSIONS
LEFT BANK: Banktop height(m) 1.0, Banktop = Bankfull? N, Embankment height(m) 0.0
CHANNEL: Bankfull width(m) 4.0, Water width(m) 3.25, Water depth(m) 0.75
RIGHT BANK: Banktop height(m) 1.0, Banktop = Bankfull? N, Embankment height(m) 0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.4
Bed material at site is: consolidated unconsolidated Unknown
Location of measurement is: riffle run or glide other X

ARTIFICIAL FEATURES
None Weirs Sluices Culverts Bridges
Major Intermediate Minor
Revetments Outfalls Fords Deflectors
Other
Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

EVIDENCE OF RECENT MANAGEMENT
None Dredging X Mowing X Weed-cutting
Enhancement Other?

FEATURES OF SPECIAL INTEREST
None Waterfalls >5m high Braided/side channels Debris dam Leafy debris
Artificial open water Natural open water Water meadow Fen
Bog Carr Marsh Other X
Fringing reed-bank Floating mat

CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO X YES

NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)
None X Giant hogweed Himalayan balsam Japanese knotweed Other?

OVERALL CHARACTERISTICS (Comments may have been paraphrased)
Major impacts:
Land Management:
Animals:
Other significant observations: More small ditches. Somerset level drainage channel with some vegetated side channels.

ALDERS
Alders? None X Present Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Allitude(m) 0 Slope (m/km) 0 Flow category (1-10) 0
 BGS Solid geology code 0 BGS Drift geology code 0 Planform category 0
 Distance from source(km) 0 Significant tributary? Navigation?
 Height of source(m) 0 Water Quality class 0 RHS Segment type 0

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14614

Grid reference: * 0 River: DELETED 204
 Date: 0 /1997 Time: 0.00 Surveyor: * Accred code: *
 Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No * Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee symmetrical
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 0
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Alfalfa/mixed woodland (BL)	*	*	Rough pasture (RP)	*	*
Coniferous plantation (CP)	*	*	Improved/semi-improved grass (IG)	*	*
Orchard (OR)	*	*	Tilled land (TL)	*	*
Grassland/heath (MH)	*	*	Wetland (eg bog, marsh, fen)(WL)	*	*
Open water (OW)	*	*	Open water (OW)	*	*
Suburban/urban development (SU)	*	*	Suburban/urban development (SU)	*	*
Rock and scree (RS)	*	*	Rock and scree (RS)	*	*

I BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified	*	*	Resectioned	*	*
Vertical + toe	*	*	Reinforced - whole bank	*	*
Toe >45	*	*	Reinforced - top only	*	*
Toe <45	*	*	Reinforced - toe only	*	*
Composite	*	*	Artificial two-stage,	*	*
			Poached	*	*
			Embanked	*	*
			Set-back embankments	*	*

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	X	X	Shading of channel	-	-
Isolated/scattered	-	-	Overhanging boughs	-	-
Regularly spaced, single	-	-	Exposed bankside roots	-	-
Occasional clumps	-	-	Underwater tree roots	-	-
Semi-continuous	-	-	Fallen trees	-	-
Continuous	-	-	Coarse woody debris	-	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	-	-	Marginal deadwater	-	-
Cascade(s)	-	-	Exposed bedrock	-	-
Rapid(s)	-	-	Exposed boulders	-	-
Riffle(s)	-	-	Unvegetated mid-channel bar(s)	-	-
Run(s)	-	-	Vegetated mid-channel bar(s)	-	-
Boil(s)	-	-	Mature island(s)	-	-
Slide(s)	-	-	Unvegetated side bar(s)	-	-
Pool(s)	-	-	Vegetated side bar(s)	-	-
Ponded reach(es)	-	-	Discrete silt deposit(s)	-	-
			Discrete sand deposit(s)	-	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	*	*	*	*	*	*	*	*	*	*
Bank modification(s)	*	*	*	*	*	*	*	*	*	*
Bank feature(s)	**	*	*	*	*	*	*	*	*	*
CHANNEL										
Channel substrate	*	*	*	*	*	*	*	*	*	*
Flow type	*	*	*	*	*	*	*	*	*	*
Channel modification(s)	*	*	*	*	*	*	*	*	*	*
Channel feature(s)	*	*	*	*	*	*	*	*	*	*
RIGHT BANK										
Material	*	*	*	*	*	*	*	*	*	*
Bank modification(s)	*	*	*	*	*	*	*	*	*	*
Bank feature(s)	*	*	*	*	*	*	*	*	*	*

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	1	2	3	4	5	6	7	8	9	10
LAND USE WITHIN 5m OF BANKTOP (L)	*	*	*	*	*	*	*	*	*	*
LEFT BANK-TOP	*	*	*	*	*	*	*	*	*	*
LEFT BANK FACE	*	*	*	*	*	*	*	*	*	*
RIGHT BANK FACE	*	*	*	*	*	*	*	*	*	*
RIGHT BANK-TOP	*	*	*	*	*	*	*	*	*	*
LAND USE WITHIN 5m OF BANK TOP (R)	*	*	*	*	*	*	*	*	*	*

G CHANNEL VEGETATION TYPES

	1	2	3	4	5	6	7	8	9	10
NONE	*	*	*	*	*	*	*	*	*	*
Liverworts/mosses/lichens	*	*	*	*	*	*	*	*	*	*
Emergent broad-leaved herbs	*	*	*	*	*	*	*	*	*	*
Emergent roots/hedges/reeds	*	*	*	*	*	*	*	*	*	*
Floating-leaved (rooted)	*	*	*	*	*	*	*	*	*	*
Free-floating	*	*	*	*	*	*	*	*	*	*
Amphibious	*	*	*	*	*	*	*	*	*	*
Submerged broad-leaved	*	*	*	*	*	*	*	*	*	*
Submerged linear-leaved	*	*	*	*	*	*	*	*	*	*
Submerged fine-leaved	*	*	*	*	*	*	*	*	*	*
Filamentous algae	*	*	*	*	*	*	*	*	*	*

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
Banktop = Bankfull ?	Water width (m)	Banktop = Bankfull ?
Embanked height (m)	Water depth (m)	Embanked height (m)

If washline lower than break in slope, indicate: height above water(m) = *
 Bed material at site is: consolidated unconsolidated unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs				Revetments		
Slices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None X
 Waterfalls >5m high Artificial open water Bog Fringing reed-bank
 Braided/side channels Natural open water Carr Floating mat
 Debris dam Water meadow Marsh Other
 Leaty debris Fen Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other? *

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: * * * * *
 Land Management: * * * * *
 Animals: * * * * *
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude(m), BGS Solid geology code, Distance from source(m), Height of source(m), Slope (m/km), BGS Drift geology code, Significant tributary?, Water Quality class, Flow category (1-10), Planform category, Navigation?, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Form fields for Grid reference (ST 498176), River (WELIAMS BROOK 205), Date (27/1/1997), Time (14.45), Surveyor (JP), Accred. code (MN61), Adverse conditions, Bed of river visible, Duplicate photographs, Surveyed from, SERCON survey.

C PREDOMINANT VALLEY FORM

Table for valley form: shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical. Includes Terraced valley? field.

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table for riffles and pools: Riffles (1), Unvegetated point bar (0), Pools (1), Vegetated point bar (0).

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table for land use within 50m of banktop: L, R columns. Includes Aereal/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Farmland/heath (MH), Water (SC), Tall herbs (TH), Rock and scree (RS).

BANK PROFILES

Table for bank profiles: L, R columns. Includes Natural/unmodified, Vertical/undercut, Vertical + toe, Top >45, Single, Composite, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table for trees and associated features: Left, Right, None, Present E (>33%). Includes Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table for channel features: None, Present E (>33%). Includes Waterfall(s), Cascades(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end - downstream end X

F PHYSICAL ATTRIBUTES

Large grid table for physical attributes: LEFT BANK, CHANNEL, RIGHT BANK. Columns 1-10. Rows include Material, Bank modification(s), Bank feature(s), Channel substrate, Flow type, Channel modification(s), Channel feature(s), Material, Bank modification(s), Bank feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table for banktop land use and vegetation structure: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table for channel vegetation types: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

L CHANNEL DIMENSIONS

Table for channel dimensions: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Bankfull width (m), Banktop = Bankfull?, Embanked height (m), Water width (m), Water depth (m).

If trashline lower than break in slope, indicate: height above water(m) = 0.75

Bed material at site is: consolidated - unconsolidated X unknown -

Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

Table for artificial features: Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Weirs, Shelves, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

Table for evidence of recent management: None, Dredging, Mowing, Weed-cutting X, Enhancement, Other?

O FEATURES OF SPECIAL INTEREST

Table for features of special interest: Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fea, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO - YES X

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettle, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Table for overall characteristics: Major impacts, Land Management: PARKLAND, Animals, Other significant observations.

S ALDERS

Table for alders: Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	29	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	0	Platform category	2
Distance from source(km)	1.5	Significant tributary?	N	Navigation?	N
Height of source(m)	100	Water Quality class	0	RHS Segment type	3

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14616

Grid reference: ST 482606 River: UN-NAMED TRIB. OF CONGRES
 Date: 2/1 /1997 Time: 14.30 Surveyor: PH Accred. code: PFI1

Adverse conditions? No Yes -
 Bed of river visible? No - Part. - Entire
 Duplicate photographs: general character? No - Yes
 Surveyed from: Left - Right Channel
 SERCON survey in addition? No - Yes

D PREDOMINANT VALLEY FORM

- shallow vee	-	-	-	-	-	-	-	-	-	-	-
- deep vee	-	-	-	X	-	-	-	-	-	-	-
- gorge	-	-	-	-	-	-	-	-	-	-	-

Terraced valley? No Yes -

E NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	21	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Scrub/mixed woodland (BL)	E	/	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)	/	/
Woods/land/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Water (SC)	/	/	Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned		
Vertical + tree			Reinforced - whole bank		
Deep >45	/	/	Reinforced - top only		
Steep	E	E	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
			None	Present	E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	X	-
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	X	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present	E (>33%)			
				None	Present	E (>33%)
Waterfall(s)	X	-	-	Marginal deadwater	-	X
Cascade(s)	X	-	-	Exposed bedrock	X	-
Rapid(s)	X	-	-	Exposed boulders	X	-
Riffle(s)	-	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	-	Mature island(s)	-	X
Slide(s)	-	X	-	Unvegetated side bar(s)	-	X
Point(s)	X	-	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	-	Discrete silt deposit(s)	-	X
				Discrete sand deposit(s)	-	X

Spot check 1 is at: upstream end X downstream end -

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	P	G	G	G	G	P	CO	G	G
Flow type	UW	UW	UW	UW	UW	RP	UW	SM	UW	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TH	BL	BL	BL	IG	SC	TH	TH	TH	BL
LEFT BANK-TOP	S	C	S	C	C	S	S	S	U	S
LEFT BANK FACE	S	S	B	S	B	S	U	S	U	S
RIGHT BANK FACE	S	U	B	S	U	B	S	S	U	S
RIGHT BANK-TOP	S	S	S	C	S	S	S	C	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	SC	BL	TH	BL	TL	BL	BL

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens									/	/
Emergent broad-leaved herbs				/			/		/	/
Emergent reeds/sedges/rushes									/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	0.25	Bankfull width (m)	3.1	Banktop height (m)	15.0
Banktop = Bankfull?	Y	Water width (m)	2.6	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated X unconsolidated unknown -
 Location of measurement is: riffle X run or glide other -

M ARTIFICIAL FEATURES

None	Major			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting -
 Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None	-	-	-	-	-
Waterfalls >5m high	-	Artificial open water	-	Bog	Fringing reed-bank
Braided/side channels	-	Natural open water	-	Carr	Floating mat
Debris dam	X	Water meadow	-	Marsh	Other
Leafy debris	X	Fen	-	Flush	-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management: SET ASIDE BUFFER STRIP
 Animals:
 Other significant observations: Unmanaged stream quite active running through
 erable and grazing tree feed.

S ALDERS

Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	200	Slope (m/km)	40	Flow category (1-10)	1
BGS Solid geology code	80	BGS Drift geology code	0	Planform category	2
Distance from source(km)	0	Significant tributary?	N	Navigation?	N
Height of source(m)	250	Water Quality class	0	RHS Segment type	11

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14617

Grid reference: ST 487551 River: CHEDDAR YEO 207

Date: 24/1 /1997 Time: 10.30 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tiled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/semi-modified					
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank		
Step >45	E	E	Reinforced - top only		
Single			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None					Shading of channel		X
Isolated/scattered					Overhanging boughs	X	
Regularly spaced, single					Exposed bankside roots	X	
Occasional clumps					Underwater tree roots	X	
Semi-continuous					Fallen trees		X
Continuous	X	X			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E	None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater	X	
Cascade(s)	X			Exposed bedrock	X	
Rapid(s)	X			Exposed boulders	X	
Riffle(s)	X			Unvegetated mid-channel bar(s)	X	
Run(s)	X			Vegetated mid-channel bar(s)	X	
Boil(s)	X			Mature island(s)	X	
Glide(s)	X			Unvegetated side bar(s)	X	
Pond(s)	X			Vegetated side bar(s)	X	
Ponded reach(es)	X			Discrete silt deposit(s)	X	
				Discrete sand deposit(s)	X	

Split check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CO	EA	EA	EA	EA	*	*	*	*	*
Bank modification(s)	NO	NO	NO	NO	NO	*	*	*	*	*
Bank feature(s)	NO	NO	NO	NO	NO	*	*	*	*	*
CHANNEL										
Channel substrate	SI	SI	SI	SI	CO	*	*	*	*	*
Flow type	NO	NO	NO	NO	NO	*	*	*	*	*
Channel modification(s)	NO	NO	NO	NO	NO	*	*	*	*	*
Channel feature(s)	NO	NO	NO	NO	NO	*	*	*	*	*
RIGHT BANK										
Material	CO	EA	EA	EA	EA	*	*	*	*	*
Bank modification(s)	NO	NO	NO	NO	NO	*	*	*	*	*
Bank feature(s)	NO	NO	NO	NO	NO	*	*	*	*	*

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	TH	TH	BL	BL	BL	*	*	*	*	*
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	C	C	S	C	C	*	*	*	*	*
LEFT BANK FACE	S	S	U	S	S	*	*	*	*	*
RIGHT BANK FACE	U	S	S	U	S	*	*	*	*	*
RIGHT BANK-TOP	S	C	S	S	C	*	*	*	*	*
LAND USE WITHIN 5m OF BANK TOP (R)	TH	TH	BL	BL	BL	*	*	*	*	*

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	*	*	*	*	*
NONE										
Liverworts/mosses/lichens						*	*	*	*	*
Emergent broad-leaved herbs						*	*	*	*	*
Emergent reeds/sedges/rushes						*	*	*	*	*
Floating-leaved (rooted)						*	*	*	*	*
Free-floating						*	*	*	*	*
Amphibious						*	*	*	*	*
Submerged broad-leaved						*	*	*	*	*
Submerged linear-leaved						*	*	*	*	*
Submerged fine-leaved						*	*	*	*	*
Filamentous algae						*	*	*	*	*

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.5	Bankfull width (m)	*	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	2.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	*	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Overfalls		
	Culverts			Fords		
	Bridges			Deflection		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	X		
Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fca	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: DROUGHT

Land Management:

Animals:

Other significant observations: Dry channel with profuse moss growth. Probably dry for some years. Water cover could have been down a new grass comb. Channel disappears into ground. Looks as if channel may have been used for forest drainage

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	42	Slope (m/km)	4.44	Flow category (1-10)	1
BGS Solid geology code	93	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	79	Water Quality class	2	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14618

Grid reference: ST 499127 River: CHINNOCK BROOK 208

Date: 27/1/1997 Time: 13.15 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	3	Unvegetated point bar	1
Pools	5	Vegetated point bar	0

Output created by IFE, Wareham on 05/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Grass/mixed woodland (BL)			Rough pasture (RP)	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	/ E
Farmland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Scrub (SC)	/		Open water (OW)	
Tall herbs (TH)			Suburban/urban development (SU)	
			Rock and scree (RS)	

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned	E	E
Vertical + toe			Reinforced - whole bank		
Top > 45°			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	X	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Manure island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Flanked reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	NV	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NK	NO	NO	NO	NO	RS	RS	RS	RS
Bank feature(s)	NO	NV	NO	NO	NO	EC	NO	NO	NO	NO
CHANNEL										
Channel substrate	SI	NV	SI	SI	SI	G	G	NV	NV	SI
Flow type	NP	NP	NP	NP	NP	RP	SM	NP	NP	RP
Channel modification(s)	NO	NK	NO	NO	NO	NO	RS	RS	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	NV	EA	EA	EA	CL	EA	EA	EA	EA
Bank modification(s)	NO	NK	NO	NO	NO	NO	RS	RS	NO	RS
Bank feature(s)	NO	NV	SC	NO	NO	PB	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	TH	SC	BL	IG	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	S	U	U	U	U	S
LEFT BANK FACE	S	S	S	S	S	S	S	U	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	U	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	TL	TL	TL	TL	TL	TL	TL

G CHANNEL VEGETATION TYPES

	/	NV	/	/	/	/	/	/	/
NONE									
Liverworts/mosses/lichens			/		/				/
Emergent broad-leaved herbs									
Emergent reeds/sedges/rushes									
Floating-leaved (rooted)									
Free-floating									
Amphibious									
Submerged broad-leaved									
Submerged linear-leaved									
Submerged fine-leaved									
Filamentous algae									

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.25	2.4	1.5
Banktop = Bankfull?	Water width (m)	Banktop = Bankfull?
N	1.4	N
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.03	0.0

If trashline lower than break in slope, indicate: height above water(m) = 1.0

Bed material at site is: consolidated - unconsolidated X unknown -

Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts	2			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None Dredging - Mowing - Weed-cutting -

Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Carr
Debris dam	X	Water meadow	-	Marsh
Leafy debris	X	Fen	-	Flush
				Fringing reed-bank
				Floating mat
				Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: OVERDEEPENING

Land Management:

Animals:

Other significant observations: -

S ALDERS

Alders? None Present - Extensive - Diseased alders? None Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	10	Slope (m/km)	1	Flow category (1-10)	2
BGS Solid geology code	90	BGS Drift geology code	0	Planform category	2
Distance from source(km)	12	Significant tributary?	N	Navigation?	N
Height of source(m)	42	Water Quality class	2	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14619

Grid reference: ST 509283 River: CARY 209

Date: 25/09 /1997 Time: 13.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input checked="" type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Ideal/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)	E	E
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/undrcut	/		Resectioned	E	E
Vertical + toe			Reinforced - whole bank		
>45			Reinforced - top only		
le			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None		X	Shading of channel	X	
Isolated/scattered	X		Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater		X
Cascade(s)	X		Exposed bedrock	X	
Rapid(s)	X		Exposed boulders	X	
Riffle(s)	X		Unvegetated mid-channel bar(s)	X	
Run(s)		X	Vegetated mid-channel bar(s)	X	
Boil(s)	X		Mature island(s)	X	
Slide(s)		X	Unvegetated side bar(s)	X	
Pool(s)	X		Vegetated side bar(s)	X	
Ponded reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	SC	NO	NO	NO
CHANNEL										
Channel substrate	C	SI	SI	SI	SI	SI	SI	SI	NV	NV
Flow type	RP	SM	SM	SM	SM	SM	SM	SM	SM	SM
Channel modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	TL	TL	TL	TL	TL	TL	TL	TL	TL	TL
LAND USE WITHIN 5m OF BANKTOP (L)	TL	TL	TL	TL	TL	TL	TL	TL	TL	TL
LEFT BANK-TOP	U	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	B	B	B	B	B	B	B	B
RIGHT BANK-TOP	U	U	U	U	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TL	TL	TL	TL	TL	TL	TL	TL	TL	TL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes	/	/		/	/	/	/	/	/	/
Floating-leaved (rooted)		/	/			/	/	/	/	/
Free-floating										
Amphibious										
Submerged broad-leaved		/	E	/	/		E	E		E
Submerged linear-leaved										
Submerged fine-leaved		/								/
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	3.0	Bankfull width (m)	5.5	Banktop height (m)	3.0
Banktop = Bankfull?	N	Water width (m)	5.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.55	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.75

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Shaices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None

Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Order: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: OVERDEEPENING

Land Management:

Animals: DRAGONDAMSELFLIES

Other significant observations: Right bank has recently been revegetated as has the channel.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	48	Slope (m/km)	5	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	88	Water Quality class	0	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14620

Grid reference: ST 531591 River: YEO 210

Date: 24/1/1997 Time: 12.10 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	-	concave/bowl	-
deep vee	-	symmetrical	X
gorge	-	asymmetrical	-

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Outlet created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Arable/mixed woodland (BL)	/	/	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	E
Open water (OW)	/	/	Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)	/	
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned	E	E
Vertical/undercut	/	/	Reinforced - whole bank	/	/
Vertical + toe			Reinforced - top only		
Top >45			Reinforced - toe only		
Stable	/	/	Artificial two-stage		
Composite			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES		ASSOCIATED FEATURES	
None	Left Right	None Present E (>33%)	
Isolated/scattered	- -	Shading of channel	- X -
Regularly spaced, single	- -	Overhanging boughs	X - -
Occasional clumps	- -	Exposed bankside roots	X - -
Semi-continuous	X X	Underwater tree roots	- X -
Continuous	- -	Fallen trees	X - -
		Coarse woody debris	X - -

K EXTENT OF CHANNEL FEATURES

	None Present E		None Present E (>33%)
Waterfall(s)	- X -	Marginal deadwater	- X -
Cascade(s)	- X -	Exposed bedrock	X - -
Rapid(s)	X - -	Exposed boulders	- X -
Riffle(s)	- X -	Unvegetated mid-channel bar(s)	X - -
Run(s)	X - -	Vegetated mid-channel bar(s)	X - -
Boil(s)	X - -	Manure island(s)	- X -
Glide(s)	- - X	Unvegetated side bar(s)	X - -
Pool(s)	X - -	Vegetated side bar(s)	X - -
Ponded reach(es)	- X -	Discrete silt deposit(s)	X - -
		Discrete sand deposit(s)	X - -

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	BR	EA	EA	BR
Bank modification(s)	NO	RS	RS	RS	RS	RS	RI	RS	RS	RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	SI	SI	SI	NV	SI	SI	CO	CO	SI	AR
Flow type	NO	NP	NP	NP	NP	SM	RP	RP	SM	SM
Channel modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Channel feature(s)	NO	MI	MI	MI	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	BR	EA	EA	BR
Bank modification(s)	NO	RS	RS	NO	RS	RS	RI	RS	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	WL	WL	WL	BL	BL	SU	IG	IG	IG
LEFT BANK-TOP	B	U	U	S	S	S	B	C	S	U
LEFT BANK FACE	B	B	B	B	B	B	B	S	U	U
RIGHT BANK FACE	B	B	U	B	B	B	B	S	U	B
RIGHT BANK-TOP	B	U	U	B	S	S	B	S	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	WL	TH	TH	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens									
Emergent broad-leaved herbs									
Emergent reeds/sedges/rushes	/								/
Floating-leaved (rooted)									
Free-floating	/								/
Amphibious									
Submerged broad-leaved									
Submerged fine-leaved									
Submerged fine-leaved									
Filamentous algae									

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.6	Bankfull width (m)	6.7	Banktop height (m)	1.6
Banktop = Bankfull?	N	Water width (m)	4.2	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 1.4

Bed material at site is: consolidated X unconsolidated unknown

Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs		1		Revetments		
Sluices				Outfalls		
Cutverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting

Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Marsh
Debris dam	-	Water meadow	-	Other
Leafy debris	X	Fen	X	Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettle, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: Resectioned channel feeding into Blagdon reservoir

Stone weir at top of section with gullies on the left bank. Large wet area with coarse phalaris and myrmica (wet land).

S ALDERS

Alders? None Present Extensive Distanced alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	18	Slope (m/km)	1.67	Flow category (1-III)	1
BGS Solid geology code	91	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3.5	Significant tributary?	Y	Navigation?	N
Height of source(m)	70	Water Quality class	0	RHS Segment type	3

B FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14621

Grid reference: ST 539206 River: OAKLEY BROOK 211

Date: 25/09 /1997 Time: 9.15 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input checked="" type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

Outpost created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)			Rough pasture (RP)	E	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Re-sectioned	E	E
Vertical + toe			Reinforced - whole bank		/
Top >45			Reinforced - top only	/	
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present E (>33%)	None	Present E (>33%)	None	Present E (>33%)
None					Shading of channel	X
Isolated/scattered	X	X	Overhanging boughs	X		
Regularly spaced, single			Exposed bankside roots	X		
Occasional clumps			Underwater tree roots	X		
Semi-continuous			Fallen trees	X		
Continuous			Coarse woody debris	X		

K EXTENT OF CHANNEL FEATURES

	None		Present E (>33%)	
	None	Present E (>33%)	None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater	X
Cascade(s)	X		Exposed bedrock	X
Rapid(s)	X		Exposed boulders	X
Riffle(s)	X		Unvegetated mid-channel bar(s)	X
Run(s)			Vegetated mid-channel bar(s)	X
Boil(s)			Mature island(s)	X
Glide(s)		X	Unvegetated side bar(s)	X
Pool(s)		X	Vegetated side bar(s)	X
Ponded reach(es)		X	Discrete silt deposit(s)	X
			Discrete sand deposit(s)	X

Spot check 1 is at: upstream end downstream end

E. PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CL	CL	SI	SI	CL	CL	CL	SI	CL	CL
Flow type	SM	SM	SM	NP	SM	SM	SM	SM	SM	SM
Channel modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	PC	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	RP	RP	RP	RP	RP	RP
LEFT BANK-TOP	U	U	U	S	U	U	U	U	U	U
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	B	S	S	S	S	U	U
RIGHT BANK-TOP	B	U	U	U	U	U	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs		E	/	/	/			E	/	/
Emergent reeds/sedges/rushes				/	/	/				/
Floating-leaved (rooted)										
Free-floating	/									/
Amphibious										
Submerged broad-leaved			/	/	/					/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	E	E	E	/	/	/	E	E	E	E

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	3.0	Bankfull width (m)	2.0	Banktop height (m)	3.0
Banktop = Bankfull?	N	Water width (m)	1.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.9

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sloices				Outfalls		
Cutverts				Fords		
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	X	Mowing	Wood-cutting
	Enhancement		Other?	

O FEATURES OF SPECIAL INTEREST

None	X		
Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
Braided/side channels	Natural open water	Carr	Floating mat
Debris dam	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: OVERDEEPENING

Land Management:

Animals: HERON

Other significant observations: Re-sectioned bank. Two willow trees next to bridge. Some cowbird nests and hawthorn on banks.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Unit/Code, and Count. Includes Altitude, Slope, Flow category, BGS Solid geology code, BGS Drift geology code, Platform category, Distance from source, Significant tributary, Navigation, Height of source, Water Quality class, and RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14622

Grid reference: ST 556117 River: UN-NAMED TRIB. OF YEO 212

Date: 10/09 /1997 Time: 10.50 Surveyor: JP Accred. code: MN61

Table with adverse conditions and bed of river visible? No Yes X, Duplicate photographs: general character? No Yes X, Surveyed from: Left X Right X Channel X, SERCON survey in addition? No Yes Y.

C PREDOMINANT VALLEY FORM

Table with columns for valley forms: shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical.

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with Rifles: 3, Unvegetated point bar: 1, Pools: 4, Vegetated point bar: 0.

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with columns for land use types and their presence/absence. Includes Broadleaf/mixed woodland, Rough pasture, Coniferous plantation, Improved/semi-improved grass, Orchard, Tilled land, Farmland/heath, Wetland, Scrub, Open water, Tall herbs, Suburban/urban development, Rock and scree.

BANK PROFILES

Table with columns for bank profiles: Natural/unmodified, Vertical/undercut, Vertical + toe, Slope > 45, Steep slope, Composite, Artificial/modified, Resectioned, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with columns for trees and associated features: None, Left, Right, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with columns for channel features: Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Pool(s), Flooded reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spr check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 10 columns for physical attributes 1 through 10.

LEFT BANK

Table for left bank material and modifications: Material (BR, EA, EA, EA, EA, EA, EA, EA, EA, EA), Bank modification(s) (RI, RI, NO, NO, NO, NO, NO, NO, NO, NO), Bank feature(s) (NO, NO, NO, NO, NO, NO, NO, NO, NO, SC PB).

CHANNEL

Table for channel substrate and modifications: Channel substrate (P, P, NV, NV, NV, NV, NV, NV, NV, P), Flow type (RP, UW, SM, SM, SM, SM, NP, NP, NO, UW), Channel modification(s) (RI, NO, NO, NO, NK, NK, NO, NO, NO, NO), Channel feature(s) (NO, NO, NO, NO, NO, NO, NO, NO, NO, MII).

RIGHT BANK

Table for right bank material and modifications: Material (BR, EA, EA, EA, EA, EA, EA, EA, EA, EA), Bank modification(s) (RI, RI, NO, RI, NO, NO, NO, NO, NO, NO), Bank feature(s) (NO, NO, NO, NO, NO, NO, NO, NO, NO, NO).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table for banktop land use within 5m of banktop: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table for channel vegetation types: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I. CHANNEL DIMENSIONS

Table for channel dimensions: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height, Banktop = Bankfull?, Embanked height, Water width, Water depth, Embanked height.

M ARTIFICIAL FEATURES

Table for artificial features: Weirs, Sluices, Culverts, Bridges, Major, Intermediate, Minor, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

Table for evidence of recent management: Dredging, Mowing, Weed-cutting, Enhancement, Other?

O FEATURES OF SPECIAL INTEREST

Table for features of special interest: Waterfalls > 5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Table for overall characteristics: Major impacts: SEWAGE, Land Management, Animals: HERON DRAGONDAMSELFIES, Other significant observations: Major reservoir upstream, Turbid for much of reach.

S ALDERS

Alders? None Present X Extensive Disposed alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	156	Slope (m/km)	15	Flow category (1-10)	1
BGS Solid geology code	78	BGS Drift geology code	0	Platform category	2
Distance from source(km)	3.5	Significant tributary?	N	Navigation?	N
Height of source(m)	220	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14623

Grid reference: ST 568471 River: UN-NAMED TRIB. OF SHEPPEY

Date: 25/09/1997 Time: 16.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Uavegetated point bar	4
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Medial/mixed woodland (BL)		Rough pasture (RP)	
Coniferous plantation (CP)		Improved/semi-improved grass (IG)	
Orchard (OR)		Tilled land (TL)	
Wetland/heath (MH)		Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)		Open water (OW)	
Suburban/urban development (SU)		Suburban/urban development (SU)	
Rock and scree (RS)		Rock and scree (RS)	

I BANK PROFILES

Artificial/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	E	Reinforced	/	/
Vertical + toe			Reinforced - whole bank	/	/
>45	E	/	Reinforced - top only	/	/
Reinforced	/	/	Reinforced - toe only	/	/
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	-	X
Continuous	X	X	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	-	X	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	-	X
Riffle(s)	-	X	Uavegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	X	Uavegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	CO	BR	CO	BR	CO	CO	EA	EA
Bank modification(s)	NO	NO	NO	RI	NO	RI	NO	NO	NO	NO
Bank feature(s)	SC	NO	NO	NO	NO	NO	NO	NO	PB	PB
CHANNEL										
Channel substrate	CO	P	P	P	P	CO	P	P	P	P
Flow type	UW	RP	UW	RP	UW	UW	RP	UW	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	RO	RO	NO	NO	RO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	CO	BR	CO	CO	CO	BO	EA	BR
Bank modification(s)	NO	NO	NO	RI	NO	NO	NO	NO	NO	RI
Bank feature(s)	NO	PB	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	B	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	B	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	B	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	B	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	E	/	/	/	/	/	/	E
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	20.0	Bankfull width (m)	2.0	Banktop height (m)	20.0
Banktop = Bankfull?	N	Water width (m)	1.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.45

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Shoals				Outfalls		
Culverts				Fords		
Bridges	1			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

Dredging	-	Mowing	-	Weed-cutting	-
Enhancement	-	Other?	X		

O FEATURES OF SPECIAL INTEREST

Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	X	Water meadow	-	Marsh	-	Other	X
Leafy debris	-	Fen	-	Flush	-		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: This tree below footbridge which has 'in channel' support. Shank holes/caves on left bank with sand bags to stop water running into them.

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	72	Slope (m/m)	8	Flow category (1-10)	1
BCS Solid geology code	96	BCS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	160	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14624

Grid reference: ST 575084 River: UN-NAMED TRIB. OF YEO 214

Date: 10/09 /1997 Time: 13.30 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes X

Bed of river visible? No Part X Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left X Right X Channel X

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
X deep vee		symmetrical
gorge		asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	2	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	/	E	Rough pasture (RP)	/
Coniferous plantation (CP)			Improved/hemi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)			Open water (OW)	
Tall herbs (TH)			Suburban/urban development (SU)	
			Rock and scree (RS)	

BANK PROFILES

Artificial/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Recessed		
Vertical + toe			Reinforced - whole bank		
Toe > 45	E	E	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	X	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	CL	EA	NV	CL	CL	*	*	*	*	*
Bank modification(s)	NO	NO	NO	NO	NO	*	*	*	*	*
Bank feature(s)	SC	NO	NO	NO	NO	*	*	*	*	*
CHANNEL										
Channel substrate	G	G	G	NV	G	*	*	*	*	*
Flow type	RP	RP	NP	SM	RP	*	*	*	*	*
Channel modification(s)	NO	NO	NO	NO	NO	*	*	*	*	*
Channel feature(s)	NO	NO	NO	NO	NO	*	*	*	*	*
RIGHT BANK										
Material	EA	EA	EA	CL	CL	*	*	*	*	*
Bank modification(s)	PC	NO	NO	NO	NO	*	*	*	*	*
Bank feature(s)	NO	NO	NO	NO	PB	*	*	*	*	*

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	BL	BL	*	*	*	*	*	*
LEFT BANK-TOP	S	U	S	S	*	*	*	*	*	*
LEFT BANK FACE	S	S	S	S	*	*	*	*	*	*
RIGHT BANK FACE	B	S	S	S	*	*	*	*	*	*
RIGHT BANK-TOP	U	U	S	S	*	*	*	*	*	*
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	BL	BL	*	*	*	*	*	*

G CHANNEL VEGETATION TYPES

NONE	/	NV	NV	/	*	*	*	*	*	*
Liverworts/mosses/lichens					*	*	*	*	*	*
Emergent broad-leaved herbs					*	*	*	*	*	*
Emergent reeds/sedges/rushes					*	*	*	*	*	*
Floating-leaved (rooted)					*	*	*	*	*	*
Free-floating					*	*	*	*	*	*
Amphibious					*	*	*	*	*	*
Submerged broad-leaved					*	*	*	*	*	*
Submerged linear-leaved					*	*	*	*	*	*
Submerged fine-leaved					*	*	*	*	*	*
Filamentous algae	E				*	*	*	*	*	/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.0	2.5	1.0
Banktop = Bankfull?	Water width (m)	Banktop = Bankfull?
Y	2.0	Y
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.35	0.0

If trashes lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated - unconsolidated - unknown

Location of measurement is: riffle - run or glide - other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
	Branded/side channels	Natural open water	Carr	Floating mat
	Debris dam	X Water meadow	Marsh	Other
	Leafy debris	Fen	Flash	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:	LITTER
Land Management:	
Animals:	
Other significant observations:	No access to spotchecks 6-10.

S ALDERS

Alders? None Present Extensive X Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Unit, and Code. Includes Altitude(m), Slope (m/km), BGS Solid geology code, etc.

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Form with fields for Grid reference (ST 605072), River (WRIGGLE 215), Date (5/11/1997), Time (14.20), Surveyor (PH), etc.

Table for C PREDOMINANT VALLEY FORM with columns for valley type (shallow vee, deep vee, gorge) and characteristics.

D NUMBER OF RIFLES, POOLS AND POINT BARS

Table with 3 columns: Category, Count, and Notes. Includes Rifles (12), Pools (1).

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Code, L, R, Description, L, R. Includes woodland (BL), grass (IG), etc.

BANK PROFILES

Table with 6 columns: Profile type, L, R, Description, L, R. Includes natural/unmodified, vertical/undercut, etc.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Tree type, Left, Right, Associated features. Includes None, Isolated/scattered, etc.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature type, None, Present E (>33%), Description, None, Present E (>33%). Includes Waterfall(s), Cascade(s), etc.

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

Large grid table for physical attributes and banktop land use. Includes LEFT BANK, RIGHT BANK, CHANNEL, and BANKTOP LAND USE AND VEGETATION STRUCTURE.

I. CHANNEL DIMENSIONS

Table for channel dimensions: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Bankfull width(m), etc.

Table for M ARTIFICIAL FEATURES: Weirs, Sluices, Culverts, Bridges. Includes Major, Intermediate, Minor columns.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site

Table for N EVIDENCE OF RECENT MANAGEMENT: Dredging, Mowing, Weed-cutting, Enhancement, Other?

Table for O FEATURES OF SPECIAL INTEREST: Waterfalls >5m high, Braided/side channels, etc.

P CHOKED CHANNEL Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

R OVERALL CHARACTERISTICS Major impacts: Land Management, Animals: KINGFISHER

Other significant observations: Active river with meanders and strolling cbb. Moderate steep areas of deep water. Water turbid after overnight rain.

S ALDERS Alders? None Present Extensive X Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	32	Slope (m/km)	4.6	Flow category (1-10)	1
BGS Solid geology code	91	BGS Drift geology code	5	Planform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	37	Water Quality class	B	RHS Segment type	3
FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed					
Reference site number:	14626				

Grid reference: **ST 610290** River: **UN-NAMED TRIB. OF CAREY 2**

Date: **26/09 /1997** Time: **10.05** Surveyor: **JP** Accred. code: **MN61**

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	-	concave/bowl	-
deep vee	-	symmetrical	<input checked="" type="checkbox"/>
gorge	-	asymmetrical	-
Terraced valley?	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>		

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Broadleaf/mixed woodland (BL)			Rough pasture (RP)	E	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut			Resectioned	E	E
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Steep			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
			None	Present E (>33%)
None	X	-	Shading of channel	X
Isolated/scattered	-	X	Overhanging boughs	X
Regularly spaced, single	-	-	Exposed bankside roots	X
Occasional clumps	-	-	Underwater tree roots	X
Semi-continuous	-	-	Fallen trees	X
Continuous	-	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	X	-
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	X	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	X	-	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL										
Channel substrate	SI	CL	SI	SI	CL	SI	CL	NV	SI	SI
Flow type	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Channel modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	PC	RS	RS	RS	PC	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	C	S	S
RIGHT BANK-TOP	S	U	U	S	U	U	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										-
Emergent broad-leaved herbs			/	E	E	/				E
Emergent reeds/sedges/rushes	E	E	E	/	/	E	E	/	E	/
Floating-leaved (rooted)										
Free-floating										/
Amphibious										
Submerged broad-leaved				/						/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	2.0	Bankfull width (m)	4.0	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	1.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.35	Embanked height (m)	0.0
If (trashline lower than break in slope, indicate: height above water(m) = 0.0					
Bed material at site is: consolidated - unconsolidated - unknown X					
Location of measurement is: riffle - run or glide - other X					

M ARTIFICIAL FEATURES

None						
X	Weirs	Major	Intermediate	Minor	Revetments	Major Intermediate Minor
	Sluices				Outfalls	
	Culverts				Fords	
	Bridges				Deflectors	
					Other	

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting - Enhancement - Other?

O FEATURES OF SPECIAL INTEREST

None X

Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carri	-	Floating mat	-
Debris dam	-	Water meadow	-	Marsh	-	Other	-
Leafy debris	-	Fen	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES X

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Fox holes. Rather boring resectioned channel running through dairy pasture.

S ALDERS

Alders? None X Present - Extensive - Discarded alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	141	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	82	BGS Drift geology code	0	Planform category	2
Distance from source(km)	1.5	Significant tributary?	N	Navigation?	N
Height of source(m)	172	Water Quality class	1	RHS Segment type	8

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14627

Grid reference: ST 640496 River: MELLS 218
Date: 25/09 /1997 Time: 17.45 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes
Bed of river visible? No Part. Entire.
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Mixed woodland (BL)	/	/	Rough pasture (RP)	/	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		/
Suburban/urban development (SU)			Suburban/urban development (SU)	/	/
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned	/	/
Vertical/undercut	/	/	Reinforced - whole bank	/	/
Vertical + toe			Reinforced - top only		
Top >45			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	X	X	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	-	X	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Grill(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	-	-	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	NV	EA	BR	*	*	*	*	*
Bank modification(s)	NO	NO	NK	PC	RI	*	*	*	*	*
Bank feature(s)	NO	NO	NV	NO	NO	*	*	*	*	*

CHANNEL										
Channel substrate	BO	AR	SI	SI	SI	*	*	*	*	*
Flow type	SM	UW	NP	RP	SM	*	*	*	*	*
Channel modification(s)	NO	RI	RS	NO	NO	*	*	*	*	*
Channel feature(s)	NO	NO	NO	NO	NO	*	*	*	*	*

RIGHT BANK										
Material	EA	BR	EA	EA	BR	*	*	*	*	*
Bank modification(s)	NO	RI	RS	NO	RI	*	*	*	*	*
Bank feature(s)	NO	NO	NO	NO	NO	*	*	*	*	*

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	IG	SU	*	*	*	*	*
LEFT BANK-TOP	S	S	S	S	S	*	*	*	*	*
LEFT BANK FACE	S	S	S	S	B	*	*	*	*	*
RIGHT BANK FACE	S	S	S	S	B	*	*	*	*	*
RIGHT BANK-TOP	S	S	S	S	S	*	*	*	*	*
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	RP	SU	SU	*	*	*	*	*

G CHANNEL VEGETATION TYPES

NONE	/	/	NV	/	*	*	*	*	*	*
Liverworts/mosses/lichens				/	*	*	*	*	*	*
Emergent broad-leaved herbs					*	*	*	*	*	*
Emergent reeds/sedges/rushes			/		*	*	*	*	*	*
Floating-leaved (rooted)					*	*	*	*	*	*
Free-floating					*	*	*	*	*	*
Amphibious					*	*	*	*	*	*
Submerged broad-leaved					*	*	*	*	*	*
Submerged linear-leaved					*	*	*	*	*	*
Submerged fine-leaved					*	*	*	*	*	*
Filamentous algae					*	*	*	*	*	*

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.5 Bankfull width (m)	3.0 Banktop height (m)
Banktop = Bankfull? Y	Water width (m)	2.5 Banktop = Bankfull? Y
Embanked height (m)	0.0 Water depth (m)	* Embanked height (m)
If traseline lower than break in slope, indicate: height above water(m) = 0.0		
Bed material at site is: consolidated <input type="checkbox"/> unconsolidated <input checked="" type="checkbox"/> Unknown <input type="checkbox"/>		
Location of measurement is: riffle <input type="checkbox"/> run or glide <input checked="" type="checkbox"/> other <input type="checkbox"/>		

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			1	Defensors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	Weed cutting
	Enhancement <input checked="" type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	X	Bog	Fringing reed-bank	X
Waterfalls >5m high	Natural open water	-	Carr	Floating mat	-
Braided/side channels	Water meadow	-	Marsh	Other	-
Debris dam	Fen	-	Flush		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = maree)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: SILTING QUARRYING
Land Management:
Animals: DUCK MOORHEN
Other significant observations: No access upstream of bridge.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 94 Slope (m/km) 5 Flow category (1-10) 1
BGS Solid geology code 95 BGS Drift geology code 0 Plainform category 2
Distance from source(km) 3 Significant tributary? N Navigation? N
Height of source(m) 186 Water Quality class 0 RHS Segment type 7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14628
Grid reference: ST 654196 River: UN-NAMED TRIB. OF YEO 219
Date: 24/09 /1997 Time: 11.20 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes
Bed of river visible? No Part. X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left X Right X Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 3 Unvegetated point bar 0
Pools 1 Vegetated point bar 0
Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP
Rough pasture (RP) / /
Improved/semi-improved grass (IG) E /
Tilled land (TL)
Wetland (eg bog, marsh, fen)(WL)
Open water (OW)
Suburban/urban development (SU) E
Rock and scree (RS)

BANK PROFILES
Natural/unmodified L R Artificial/modified L R
Vertical/undercut / / Resectioned / /
Reinforced - whole bank
Reinforced - top only
Reinforced - toe only
Artificial two-stage
Poached / /
Embanked E E
Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E (>33%)
Isolated/scattered - - Shading of channel - X -
Overhanging boughs - X -
Exposed bankside roots X - -
Occasional clumps X X Underwater tree roots X - -
Fallen trees X - -
Continuous - - Coarse woody debris - X -

K EXTENT OF CHANNEL FEATURES
Waterfall(s) None Present E Marginal deadwater None Present E (>33%)
Cascade(s) X - - Exposed bedrock X - -
Rapid(s) X - - Exposed boulders - X -
Riffle(s) - X - Unvegetated mid-channel bar(s) X - -
Vegetated mid-channel bar(s) X - -
Bowl(s) X - - Mature island(s) X - -
Glide(s) - - X Unvegetated side bar(s) X - -
Vegetated side bar(s) - X -
Ponded reach(es) X - - Discrete silt deposit(s) X - -
Discrete sand deposit(s) X - -

Spot check 1 is at: upstream end X downstream end
E PHYSICAL ATTRIBUTES
LEFT BANK
Material EA EA EA EA EA EA EA EA EA EA
Bank modification(s) NO PC RS PC RS RS EN RS EM PC NO NO NO
Bank feature(s) NO NO NO VS VS NO NO NO NO NO
CHANNEL
Channel substrate G CO CO SI SI P CO NV NV NV
Flow type RP SM SM SM SM RP SM NP NP NP
Channel modification(s) NO NO NO RS RS NO FO NK NO NO
Channel feature(s) NO NO NO NO NO NO RO NO NO NO
RIGHT BANK
Material EA EA EA EA EA EA EA EA EA EA
Bank modification(s) NO PC NO NO NO EM PC NO NO NO
Bank feature(s) NO NO NO SC SC NO NO NO NO NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) IG IG IG IG IG IG IG RP RP RP
LEFT BANK-TOP U U U U U S B S S S
LEFT BANK FACE S S S S S S B S S S
RIGHT BANK FACE S S S S S S B S S S
RIGHT BANK-TOP S C S S C S B C S S S
LAND USE WITHIN 5m OF BANK TOP (R) SU SU RP SU SU IG IG RP RP
G CHANNEL VEGETATION TYPES
NONE
Liverworts/mosses/lichens / / / /
Emergent broad-leaved herbs E / / E E / E E E E E
Emergent reeds/sedges/rushes / / / / / / / / /
Floating-leaved (rooted)
Free-floating
Amphibious
Submerged broad-leaved / E E E / / E
Submerged linear-leaved
Submerged fine-leaved
Filamentous algae

I. CHANNEL DIMENSIONS
LEFT BANK CHANNEL RIGHT BANK
Banktop height(m) 1.25 Bankfull width (m) 3.5 Banktop height (m) 1.25
Banktop = Bankfull? Y Water width (m) 2.0 Banktop = Bankfull? Y
Embanked height (m) 0.0 Water depth (m) 0.2 Embanked height (m) 0.0
If troughline lower than bank indicate: height above water(m) = 0.0
Bed material at site is: consolidated - unconsolidated - unknown X
Location of measurement is: riffle - run or glide - other X
M ARTIFICIAL FEATURES
None Major Intermediate Minor Major Intermediate Minor
Weirs
Shuices Outfalls
Culverts 2 Fords 1
Bridges Deflectors
Other

N EVIDENCE OF RECENT MANAGEMENT
None Dredging Mowing Weed-cutting X
Enhancement Other?

O FEATURES OF SPECIAL INTEREST
None Waterfalls >5m high Artificial open water Bog Fringing reed-bank
Braided/side channels Natural open water Carr Floating mat
Debris dam Water meadow Marsh Other
Leafy debris Fen Flush X

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO YES X

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, > more)
None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased?)
Major impacts:
Land Management:
Animals:
Other significant observations: The channel has been moved to the right side of the floodplain in sites 1 to 6.

S ALDERS
Alders? None X Present Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	97	Slope (m/km)	30	Flow category (1-10)	1
BGS Solid geology code	91	BGS Drift geology code	0	Planform category	6
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	180	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14629

Grid reference: ST 666609 River: CONYGRE BROOK 220
Date: 16/1 /1997 Time: 14.20 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes
Bed of river visible? No Part. Entire
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

X	shallow vee	-	concave/bowl
	deep vee	-	symmetrical
	gorge	-	asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles	6	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woods/mixed woodland (BL)			Rough pasture (RP)	/	
Uniform plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)	/		Suburban/urban development (SU)	/	/
Rock and scree (RS)			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified	/	/	Resectioned	/	/
Vertical + toe			Reinforced - whole bank	/	E
Top > 45°	E	E	Reinforced - top only		
Toe	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Flushed	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
			None	Present	E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	X	-	Underwater tree roots	X	-
Semi-continuous	-	X	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present	E (>33%)	None	Present	E (>33%)
Waterfall(s)	-	X		Marginal deadwater	-	X
Cascade(s)	-	X		Exposed bedrock	X	
Rapid(s)	X	-		Exposed boulders	X	
Riffle(s)	-	X		Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X		Vegetated mid-channel bar(s)	X	
Boil(s)	X	-		Mature island(s)	X	
Glide(s)	-	X		Unvegetated side bar(s)	X	
Pool(s)	-	X		Vegetated side bar(s)	X	
Ponded reach(es)	X	-		Discrete silt deposit(s)	X	
				Discrete sand deposit(s)	-	X

E PHYSICAL ATTRIBUTES

Spot check 1 is at: upstream end downstream end

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	BR	BR
Bank modification(s)	NO	NO	NO	NO	NO	PC	NO	RS	RI	EMRS EN
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	BE	CO	CO	CO	CO	P	CO	G	CO	CO
Flow type	SM	RP	RP	RP	RP	RP	RP	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	CO	EA	EA	EA	BR	BR
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	RI	RI
Bank feature(s)	EC	NO	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	TH	IG	TH	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	S	C	S	U	U	U	U	U	C
LEFT BANK FACE	U	S	S	S	S	U	U	S	S	U
RIGHT BANK FACE	B	S	S	U	S	U	S	U	U	B
RIGHT BANK-TOP	U	U	C	C	C	C	C	S	B	B
LAND USE WITHIN 5m OF BANK TOP (R)	IG	RP	SU	BL	SU	SU	SU	RP	SU	SU
G CHANNEL VEGETATION TYPES										
NONE		/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens		/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes		/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I. CHANNEL DIMENSIONS

	CHANNEL		
LEFT BANK	RIGHT BANK		
Banktop height(m)	0.6	Bank full width (m)	2.0
Banktop = Bank full? N	Water width (m)	1.5	Banktop = Bank full? N
Embanked height (m)	0.0	Water depth (m)	0.12
		Embanked height (m)	0.0

If trashed lower than break in slope, indicate: height above water(m) = 0.5
Bed material at site is: consolidated X unconsolidated unknown
Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			I	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Waterfalls >5m high		Artificial open water		Bog		Fringing reed-bank
Braided/side channels		Natural open water		Carr		Floating mat
Debris dam	X	Water meadow		Marsh		Other
Leafy debris	X	Fen		Flush		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Small river medium gradient varied habitat; shaded open. Narrow channel and wide channel. Maybe the top end has been resectioned about 4-6 feet higher than is natural.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

Spot check 1 is at: upstream end downstream end

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	125	Slope (m/km)	1	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.2	Significant tributary?	N	Navigation?	N
Height of source(m)	166	Water Quality class	2	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14630

Grid reference: ST 676517 River: SNAILS BROOK 221
Date: 16/1/1997 Time: 12.30 Surveyor: PII Accred. code: PF11

Adverse conditions? No Yes
Bed of river visible? No Part Entire
Duplicate photographs: general character? No Yes
Surveyed from: Left Right Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles: 0 Unvegetated point bar: 0
Pools: 0 Vegetated point bar: 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Swathel/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)	E	E
Arable/leath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Thb herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned		
Vertical/undercut	/	/	Reinforced - whole bank		
Vertical + toe	/	/	Reinforced - top only		
Top >45	/	/	Reinforced - toe only		
Angle	/	/	Artificial two-stage		
Composite			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
			None	Present E (>33%)
None	-	-	Shading of channel	X
Isolated/scattered	-	-	Overhanging boughs	X
Regularly spaced, single	-	-	Exposed bankside roots	X
Occasional clumps	-	-	Underwater tree roots	X
Semi-continuous	-	-	Fallen trees	X
Continuous	X	X	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present E	Marginal dead-water	
			None	Present E (>33%)
Waterfall(s)	X		Exposed bedrock	X
Cascade(s)	-	X	Exposed boulders	X
Rapid(s)	X		Unvegetated mid-channel bar(s)	X
Riffle(s)	-	X	Vegetated mid-channel bar(s)	X
Run(s)	-	X	Mature island(s)	X
Boil(s)	X		Unvegetated side bar(s)	X
Glide(s)	-	X	Vegetated side bar(s)	X
Pool(s)	X		Discrete silt deposit(s)	X
Ponded reach(es)	-	X	Discrete sand deposit(s)	X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	EC	NO	NO	NO

CHANNEL

Channel substrate	CO	CO	CO	CO	BE	SI	CO	SI	CO	CL
Flow type	RP	RP	RP	RP	RP	RP	UW	RP	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	NO	MB	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	PC	NO	NO	NO
Bank feature(s)	NO	NO	EC	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	TH	IG
LEFT BANK-TOP	C	S	U	U	U	U	U	C	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	B	S	S	S	S	B	B	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANKTOP (R)	IG	IG	IG	SC	IG	BL	IG	IG	IG	BL

G CHANNEL VEGETATION TYPES

NONE	/		/	/	/	/	/	/	/	/
Liverworts/mosses/lichens	/	/						/	/	/
Emergent broad-leaved herbs										
Emergent reeds/hedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	0.65	Bankfull width (m)	0.85	Banktop height (m)	0.85
Banktop = Bankfull?	N	Water width (m)	2.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trashing lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown
Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			I	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank	
Braided/side channels	Natural open water	Carr	Floating mat	
Debris dam	Water meadow	Marsh	Other	
Leafy debris	Fen	Flash		

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettle, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: Unmanaged stream moderate gradient heavily shaded
No macrophytes: 0

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude, BGS Solid geology code, Distance from source, Height of source, Slope, BGS Drift geology code, Significant tributary, Water Quality class, Flow category, Planform category, Navigation, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14631
Grid reference: ST 689488 River: FROME 222
Date: 16/1/1997 Time: 18.15 Surveyor: PH Accred. code: PF11
Adverse conditions? No X Yes
Bed of river visible? No Part. X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left Right X Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

Table with 2 columns: Form, Frequency. Includes shallow vee, deep vee, gorge, terraced valley.

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 2 columns: Feature, Count. Includes Riffles (3), Unvegetated point bar (0), Pools (0), Vegetated point bar (0).

Output created by IPE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with 4 columns: Code, L, R, Code, L, R. Includes woodland/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Wetland/heath (MH), Open water (OW), Tall herbs (TH), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 4 columns: Profile, L, R, Profile, L, R. Includes Natural/modified, Vertical/undercut, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: TREES (Left, Right), ASSOCIATED FEATURES (None, Present E (>33%)). Includes Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature, None, Present E, Feature, None, Present E (>33%). Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Bottleneck(s), Glide(s), Pool(s), Ponded reaches, Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mazine island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

E PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and 4 rows: LEFT BANK (Material, Bank modification(s), Bank feature(s)), CHANNEL (Channel substrate, Flow type, Channel modification(s), Channel feature(s)), RIGHT BANK (Material, Bank modification(s), Bank feature(s)).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 11 columns (RP, IG, TH, SC, IC, IG, TH, TH, TH, TH) and 6 rows: LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with 11 columns (NONE, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae) and 2 columns (Frequency).

I CHANNEL DIMENSIONS

Table with 4 columns: LEFT BANK, CHANNEL, RIGHT BANK, Value. Includes Banktop height, Banktop = Bankfull?, Embanked height, Water width, Water depth, Embanked height.

Is water impounded by weir/dam? No Yes <33% of site X >33% of site
Bed material at site is: consolidated X unconsolidated unknown
Location of measurement is: riffle run or glide X other

M ARTIFICIAL FEATURES

Table with 6 columns: None, Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

N EVIDENCE OF RECENT MANAGEMENT
None X Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

Table with 4 columns: Feature, Feature, Feature, Feature. Includes Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, = more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: Other significant observations: 1/3 of valley asymmetric flow through extensive grounds on left. Below spot check 100% of flow diverted at right angle into large almost pool area until weir round bend.

S ALDERS

Alders? None Present X Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)					
Altitude(m)	93	Slope (m/km)	30	Flow category (1-10)	1
BGS Solid geology code	96	BGS Drift geology code	0	Platform category	6
Distance from source(km)	2	Significant tributary ?	N	Navigation?	5
Height of source(m)	155	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Grid reference: ST 495245 River: UN-NAMED TRIB. OF BOW BRO

Date: 1/1 /1997 Time: 11.15 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes X

Bed of river visible? No Part. X Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

- shallow vee	- concave/bowl
- deep vee	- symmetrical
- gorge	- asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0	Unvegetated point bar 0
Pools 0	Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	BR	BR
Bank modification(s)	RS	RS	NO	NO	NO	NO	NO	NO	RI	RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	NV	P	P	NV	CO	P	P	P	P
Flow type	NO	NP	NP	NO	NP	NO	NP	NP	NP	NP
Channel modification(s)	RS	RS	RS	RS	NO	NO	NO	NO	RS	NK
Channel feature(s)	TR	NV	RO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	BR	EA
Bank modification(s)	RS	RS	NO	NO	NO	NO	NO	NO	RI	NO
Bank feature(s)	NO	NO	EC	NO	NO	SC	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	SU	SU	RP	RP	RP	RP	RP	RP	SU	SU
LAND USE WITHIN 5m OF BANKTOP (L)	SU	SU	RP	RP	RP	RP	RP	RP	SU	SU
LEFT BANK-TOP	S	C	S	C	S	S	S	C	B	B
LEFT BANK FACE	S	S	S	S	S	S	S	S	B	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	B	S
RIGHT BANK-TOP	S	C	S	S	S	S	C	C	B	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	SU	IG

G CHANNEL VEGETATION TYPES

	NV	NV	NV	NV	..
NONE					
Liverworts/mosses/lichens	/	/	/	/	/
Emergent broad-leaved herbs		/			/
Emergent reeds/sedges/rushes					/
Floating-leaved (rooted)					
Free-floating					
Amphibious					
Submerged broad-leaved					
Submerged linear-leaved					
Submerged fine-leaved					
Filamentous algae					

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Grass/mixed woodland (BL)			Rough pasture (RP)	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E
Orchard (OR)			Tilled land (TL)	
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Open water (OW)				
Suburban/urban development (SU)	/	/		
Rock and scree (RS)				

BANK PROFILES

	L	R	L	R
Natural/unaltered			Artificial/modified	
Vertical/undercut	/	/	Reinforced	
Vertical + toe			Reinforced - whole bank	/
Top >45	/	E	Reinforced - top only	
Stable	/		Reinforced - toe only	
Composite			Artificial two-stage	
			Poached	/
			Embanked	
			Set-back embankments	

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES	
	None	Present	None	Present	None	Present
None	-	-	-	-	Shading of channel	X
Isolated/scattered	-	-	-	-	Overhanging boughs	X
Regularly spaced, single	-	-	-	-	Exposed bankside roots	X
Occasional clumps	-	-	-	-	Underwater tree roots	X
Semi-continuous	X	X	-	-	Fallen trees	X
Continuous	-	-	-	-	Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

	None	Present	None	Present
Waterfall(s)	X	-	Marginal deadwater	X
Cascade(s)	X	-	Exposed bedrock	X
Rapid(s)	X	-	Exposed boulders	X
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X
Boil(s)	X	-	Mature island(s)	X
Slide(s)	X	-	Unvegetated side bar(s)	X
Pool(s)	-	X	Vegetated side bar(s)	X
Ponded reach(es)	-	X	Discrete silt deposit(s)	X
	-	X	Discrete sand deposit(s)	X

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width(m)	Banktop height(m)
1.5	3.0	1.6
Banktop = Bankfull ?	Water width(m)	Banktop = Bankfull ?
Y	0.1	N
Embanked height(m)	Water depth(m)	Embanked height(m)
0.0	0.02	0.0
If trashline lower than break in slope, indicate: height above water(m) = 1.0		
Bed material at site is: consolidated - unconsolidated - Xunknown -		
Location of measurement is: riffle - run or glide X other -		

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Shoices	1			Outfalls	1	
Culverts	2			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	Weed-cutting
-	-	-	-
	Enhancement	Other?	X

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
-	-	-	-
Braided/side channels	Natural open water	Carr	Floating mat
-	-	-	-
Debris dam	Water meadow	Marsh	Other
-	-	-	-
Leafy debris	Fen	Flash	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: LITTER POLLUTION DROUGHT ROAD
 Land Management:
 Animals:
 Other significant observations: No water channel impassible due to veg.
 Difficult to see channel from banks. Filling of PB slope to stop sheep occupying

S ALDERS

Alders? None Present Extensive - Diseased alders? None Present Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, %/Value, Slope (m/km), Flow category (1-10)

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14633
Grid reference: ST 714373 River: UN-NAMED TRIB. OF BRUE 22
Date: 1/1 /1997 Time: 6.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No - Yes X
Bed of river visible? No - Part. X Entire -
Duplicate photographs: general character? No - Yes X
Surveyed from: Left - Right X Channel X

C PREDOMINANT VALLEY FORM
shallow vee - concave/bowl
deep vee - symmetrical
gorge X - asymmetrical

Terraced valley? No X Yes -
NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 4 Unvegetated point bar 0
Pools 5 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

LEFT BANK

Material table with columns BR, CL, EA, EA, EA, BE, EA and rows for Bank modification(s), Bank feature(s)

CHANNEL

Channel substrate table with columns P, CL, P, CO, P, CO, CO and rows for Flow type, Channel modification(s), Channel feature(s)

RIGHT BANK

Material table with columns BR, CL, EA, EA, EA, EA, EA and rows for Bank modification(s), Bank feature(s)

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with columns SU, RP, TL, BL, RP, RP, RP and rows for LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R)

G CHANNEL VEGETATION TYPES

Table with columns for various vegetation types and rows for NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae

II LAND USE WITHIN 50m OF BANKTOP
L R L R
Rough pasture (RP) E
Improved/semi-improved grass (IG) E
Tilled land (TL) /
Wetland (eg bog, marsh, fen)(WL)
Open water (OW)
Suburban/urban development (SU) / /
Rock and scree (RS)

BANK PROFILES
Natural/unmodified L R Artificial/modified L R
Vertical/unmodified E / Resectioned
Vertical + toe / Reinforced - whole bank / /
Top >45 Reinforced - top only
Toe Reinforced - toe only /
Composite Artificial two-stage
Poached
Embanked
Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E(>33%)
Shading of channel - - X
Overhanging boughs - - X
Exposed bankside roots - - X
Underwater tree roots - - X
Fallen trees X X -
Coarse woody debris - - X

K EXTENT OF CHANNEL FEATURES
Waterfall(s) None Present E Marginal deadwater None Present E(>33%)
Cascade(s) - - - Exposed bedrock X -
Rapid(s) - - - Exposed boulders - X -
Riffle(s) - - - Unvegetated mid-channel bar(s) - - -
Run(s) - - - Vegetated mid-channel bar(s) X - -
Boil(s) X - - Mature island(s) X - -
Glide(s) - - X Unvegetated side bar(s) - - X
Pool(s) - - X Vegetated side bar(s) X - -
Ponded reach(es) - X - Discrete silt deposit(s) X - -
Discrete sand deposit(s) X - -

I. CHANNEL DIMENSIONS

Table with columns LEFT BANK, CHANNEL, RIGHT BANK and rows for Banktop height(m), Banktop = Bankfull?, Embankment height (m), Water depth (m)

Bed material at site is: consolidated - unconsolidated X unknown -
Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

Table with columns Major, Intermediate, Minor and rows for Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Deflectors, Other

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None - Dredging - Mowing - Weed-cutting X
Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

Table with columns for features like Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)
None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: LITTER DROUGHT RAIL
Land Management:
Animals:
Other significant observations: Nice stream shaded but some farm waste - chemical
Clay pipes & trash from railway. Access difficult on access to d/s CP - E 18

S ALDERS

Alders? None X Present - Extensive - Discarded alders? None X Present - Extensive -

BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)						
Altitude(m)	93	Slope (m/km)	6.67	Flow category (1-10)	1	
BGS Solid geology code	97	BGS Drift geology code	0	Platform category	2	
Distance from source(km)	2.5	Significant tributary ?	N	Navigation?	N	
Height of source(m)	128	Water Quality class	0	RHS Segment type	7	

FIELD SURVEY DETAILS (Please check form and tick box if any corrections are needed)	
Reference site number:	14634

Grid reference: ST 719313 River: CALE 225
 Date: 25/09/1997 Time: 13.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes -
 Bed of river visible? No Part Entire -
 Duplicate photographs: general character? No Yes X
 Surveyed from: Left Right Channel -
 SERCON survey in addition? No Yes Y

PREDOMINANT VALLEY FORM			
shallow vee	-	concave/bowl	-
deep vee	-	X	symmetrical
gorge	-	-	asymmetrical

Terraced valley? No Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS			
Riffles	0	Unvegetated point bar	3
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

LAND USE WITHIN 50m OF BANKTOP					
	I.	R		I.	R
Woodland/mixed woodland (BL)		/	Rough pasture (RP)	E	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES					
	L	R	Artificial/modified	L	R
Vertical/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top > 45			Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

EXTENT OF TREES AND ASSOCIATED FEATURES					
	Left	Right		None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	X	-	Underwater tree roots	-	X
Semi-continuous	-	-	Fallen trees	-	X
Continuous	-	X	Coarse woody debris	-	X

EXTENT OF CHANNEL FEATURES					
	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	X	-	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end X downstream end -

PHYSICAL ATTRIBUTES										
	1	2	3	4	5	6	7	8	9	10

LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	PC	NO	PC	PC	NO	NO	NO	NO	NO	NO
Bank feature(s)	VP	PB	NO	NO	NO	NO	NO	PB	NO	EC

CHANNEL										
Channel substrate	SI	P	SI	CL	SI	NY	P	G	SI	NV
Flow type	NP	NP	NP	RP	NP	NP	NP	NP	NP	NP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	NO	NO	NO	EC	EC	NO	NO

BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	RP	BL	RP	RP
LEFT BANK-TOP	B	B	B	B	S	U	S	S	S	S
LEFT BANK FACE	B	B	B	B	S	S	S	S	S	B
RIGHT BANK FACE	S	S	S	S	S	S	B	B	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	IG	IG	IG	IG	IG	IG

CHANNEL VEGETATION TYPES										
NONE			/	/	/	/	/	/	/	/
Liverworts/mosses/lichens			/	/						
Emergent broad-leaved herbs	/							/		/
Emergent reeds/sedges/rushes								/		/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

CHANNEL DIMENSIONS					
	CHANNEL		RIGHT BANK		
Banktop height(m)	0.75	Bankfull width (m)	3.5	Banktop height (m)	0.75
Banktop = Bankfull?	Y	Water width (m)	0.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	0.0

If trassline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated unconsolidated unknown
 Location of measurement is: riffle run or glide other

ARTIFICIAL FEATURES					
None					
X	Weirs			Revetments	
	Sluices			Outfalls	
	Culverts			Fords	
	Bridges			Deflectors	
				Other	

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

EVIDENCE OF RECENT MANAGEMENT			
None	<input checked="" type="checkbox"/>	Dredging	Mowing
		Enhancement	Other?
			Weed-cutting

FEATURES OF SPECIAL INTEREST					
None					
	Waterfalls >5m high		Artificial open water		Bog
	Braided/side channels		Natural open water		Cart
	Debris dam	X	Water meadow		Marsh
	Leafy debris		Fen		Flush
					Fringing reed-bank
					Floating mat
					Other

Is 33% or more of the channel choked with vegetation? NO YES

NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)					
None	X	Giant hogweed	Himalayan balsam	Japanese knotweed	Other?

OVERALL CHARACTERISTICS (Comments may have been paraphrased!)	
Major impacts:	
Land management:	
Animals:	
Other significant observations:	Cows - poached L/B . Nice meander forms but little water most in pools/ponds reaches behind debris dams.Little veg.

ALDERS			
Alders? None	Present	Extensive	Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 63 Slope (m/km) 2.5 Flow category (1-10) 2
BGS Solid geology code 97 BGS Drift geology code 0 Planform category 3
Distance from source(km) 10 Significant tributary? N Navigation? N
Height of source(m) 149 Water Quality class 2 RHS Segment type 3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14635

Grid reference: ST 736120 River: LYDDEN 226
Date: 11/09 /1997 Time: 11.05 Surveyor: JP Accred. code: MN41
Adverse conditions? No X Yes
Bed of river visible? No Part. X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left X Right X Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM
shallow vee - concave/bowl
deep vee X symmetrical
gorge - asymmetrical
Terraced valley? No Yes X

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 2 Unvegetated point bar 1
Pools 4 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP
Table with columns L, R and rows: Broadleaf/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Woodland/heath (MH), Scrub (SC), Tall herbs (TH)

BANK PROFILES
Table with columns L, R and rows: Natural/unmodified, Vertical + tree, Composite

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES: None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous
ASSOCIATED FEATURES: Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris

K EXTENT OF CHANNEL FEATURES
Table with columns None, Present E and rows: Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boll(s), Glide(s), Pool(s), Pooled reach(es)

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES
LEFT BANK: Material, Bank modification(s), Bank feature(s)
CHANNEL: Channel substrate, Flow type, Channel modification(s), Channel feature(s)
RIGHT BANK: Material, Bank modification(s), Bank feature(s)

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L)
LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R)

G CHANNEL VEGETATION TYPES
NONE
Liverworts/mosses/lichens
Emergent broad-leaved herbs
Emergent reeds/sedges/rushes
Floating-leaved (rooted)
Free-floating
Amphibious
Submerged broad-leaved
Submerged linear-leaved
Submerged fine-leaved
Filamentous algae

L CHANNEL DIMENSIONS
LEFT BANK, CHANNEL, RIGHT BANK
Banktop height(m), Banktop + Bankfull?, Embanked height(m)
Water width(m), Water depth(m)

If trashline lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated, unconsolidated, X unknown
Location of measurement is: riffle, run or glide, other X

M ARTIFICIAL FEATURES
None, X
Weirs, Shutes, Culverts, Bridges
Major, Intermediate, Minor, Major, Intermediate, Minor

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT
None X Dredging, Mowing, Weed-cutting
Enhancement, Other?

O FEATURES OF SPECIAL INTEREST
None
Waterfalls >5m high, Artificial open water, Bog, Fringing reed-bank
Braided/side channels, Natural open water, Carr, Floating mat
Debris dam X Water meadow, Marsh, Other
Leafy debris, Fen, Flush

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, 6 = mosses)
None X Giant hogweed, Himalayan balsam, Japanese knotweed, Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts:
Land Management:
Animals: HERON
Other significant observations:

S ALDERS
Alders? None Present Extensive X Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	69	Slope (m/km)	5	Flow category (1-III)	1
BGS Solid geology code	99	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	119	Water Quality class	2	RHS Segment type	3

FIELD SURVEY DETAILS *Please check form and tick box if any corrections are needed*

Reference site number: 14636

Grid reference: ST 773099 River: DIVELISH 227

Date: 11/09 /1997 Time: 13.40 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	4
Pools	4	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

E. PHYSICAL ATTRIBUTES

	I	2	3	4	5	6	7	8	9	III
--	---	---	---	---	---	---	---	---	---	-----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	BE
Bank modification(s)	NO	NO	PC	NO	PC	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	NO	NO	NO	SC	SC	NO	NO

CHANNEL

Channel substrate	NV	P	P	NV	P	P	BE	CO	BE	BE
Flow type	NP	NP	NP	NP	RP	SM	RP	SM	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	RO	MI	RO	RO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	PB	PB	NO	NO	SB	PB	SC	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	IG	IG	IG	SC	RP	RP	RP	RP	RP
LEFT BANK-TOP	S	S	S	S	C	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	U	S	S	S
RIGHT BANK-TOP	U	S	U	S	S	S	C	C	C	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	RP	RP	BL	TH	TH	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	NV			NV	/			NV	NV	NV
Liverworts/mosses/lichens				/				/	/	/
Emergent broad-leaved herbs				/						/
Emergent reeds/sedges/rushes										/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae		/	/		/		/		/	/

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Beet/mixed woodland (BL)	/		Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	/
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

Bank Profile	L	R	Artificial/modified	L	R
Vertical/unmodified			Resectioned		
Vertical/undercut	E	E	Reinforced - whole bank		
Vertical + toe		/	Reinforced - top only		
Toe >45			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	
None			Shading of channel	None Present E (>33%)
Isolated/scattered	-	-	Overhanging boughs	- X
Regularly spaced, single	-	-	Exposed bankside roots	- X
Occasional clumps	-	-	Underwater tree roots	- X
Semi-continuous	X	X	Fallen trees	- X
Continuous	-	-	Coarse woody debris	- X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	-	-	Exposed bedrock	-	X
Rapid(s)	-	-	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	-	-	Mature island(s)	-	X
Glide(s)	-	-	Unvegetated side bar(s)	-	X
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	-	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK	
Banktop height(m)	1.5	Bankfull width (m)	4.5	Banktop height (m)
Banktop = Bankfull?	Y	Water width (m)	3.5	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)
If irishline lower than break in slope, indicate: height above water(m) = 0.0				
Bed material at site is: consolidated - unconsolidated X unknown -				
Location of measurement is: riffle - run or glide X other -				

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords	1	
Bridges				Deflectors		
				Other		

If water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	X	Dredging	-	Mowing	-	Weed-cutting	-
		Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST

None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Carr
Debris dam	X	Water meadow	-	Marsh
Leafy debris	-	Fen	-	Flush

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: ROAD

Land Management:

Animals:

Other significant observations:

S ALDERS
Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude(m), Slope (m/km), Flow category (1-III), BGS Solid geology code, BGS Drift geology code, Platform category, Distance from source(km), Significant tributary?, Navigation?, Height of source(m), Water Quality class, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14637
Grid reference: ST 773203 River: STOUR 228
Date: 24/09/1997 Time: 15.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes
Bed of river visible? No Part X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left X Right Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 1 Unvegetated point bar 0
Pools 2 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with columns L, R and rows for various land uses like mixed woodland (BL), coniferous plantation (CP), orchard (OR), etc.

BANK PROFILES

Table with columns L, R and rows for bank profiles like vertical/undercut, vertical + toe, composite, etc.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with columns Left, Right and rows for trees and associated features like shading of channel, overhanging boughs, etc.

K EXTENT OF CHANNEL FEATURES

Table with columns None, Present E and rows for channel features like waterfall(s), cascade(s), rapid(s), etc.

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 10 columns numbered 1-10 for physical attributes.

LEFT BANK

Table for Left Bank attributes: Material, Bank modification(s), Bank feature(s).

CHANNEL

Table for Channel attributes: Channel substrate, Flow type, Channel modification(s), Channel feature(s).

RIGHT BANK

Table for Right Bank attributes: Material, Bank modification(s), Bank feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table for Banktop Land Use and Vegetation Structure with columns for L, T, R and rows for various land use types.

G CHANNEL VEGETATION TYPES

Table for Channel Vegetation Types with columns for various types like NONE, Liverworts/mosses/lichens, etc.

III CHANNEL DIMENSIONS

Table for Channel Dimensions with columns for Left Bank, Channel, Right Bank and rows for height, width, depth.

If trashline lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated unconsolidated X unknown

Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

Table for Artificial Features with columns Major, Intermediate, Minor and rows for Weirs, Sluices, Culverts, Bridges, etc.

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

Table for Features of Special Interest with rows for Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, etc.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES X

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: DRAGON/DAMSEL/FLIES
Other significant observations:

S ALDERS

Alders? None X Present Extensive Discarded alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	98	Slope (m/km)	6.6	Flow category (1-10)	1
BGS Solid geology code	97	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	280	Water Quality class	2	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14638

Grid reference: ST 787419 River: MAIDEN BRADLEY BROOK 229
 Date: 1/1 /1997 Time: 15.15 Surveyor: JP Accred. code: MN61

Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/mixed woodland (BL)			Rough pasture (RP)	E	E
Cosiferous plantation (CP)			Improved/semi-improved grass (IG)	E	
Orchard (OR)			Tilled land (TL)		
Arland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)	/	
Tall herbs (TH)			Suburban/urban development (SU)		/
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified			Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Stable	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	X	Fallen trees	-	X
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-	X
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Run(s)	-	X	Vegetated mid-channel bar(s)	-	X
Boil(s)	X	-	Manure island(s)	-	X
Glide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	-	X
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	NO	PC	NO	NO	NO	NO	NO	PC	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	PB	NO	NO

CHANNEL

Channel substrate	P	P	P	P	P	P	P	P	P	P
Flow type	SM	NP	RP	SM	NP	UW	NP	RP	NP	UW
Channel modification(s)	NO	RS	NO	NO	NO	NO	NO	NO	FO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	RI	PC	PC	NO	NO	NO	NO	PC	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	VP	SC	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	RP	IG	RP	RP	RP	RP	RP
LEFT BANK-TOP	S	S	S	S	S	S	S	S	U	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	RP	IG	IG	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	E	E	/	/	/	/	/	E
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved			/	/						/
Filamentous algae			/	/						/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bank/full width (m)	Banktop height (m)
2.0	5.5	2.0
Banktop = Bankfall? <input type="checkbox"/>	Water width (m)	Banktop = Bankfall? <input type="checkbox"/>
N	4.0	N
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.05	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.3

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords	1	
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	X	Dredging	-	Mowing	-	Weed-cutting	-
		Enhancement	-	Other?	-		

O FEATURES OF SPECIAL INTEREST

None	-	Artificial open water	X	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Can	-	Floating mat	-
Debris dam	X	Water meadow	-	Marsh	-	Other	-
Leafy debris	-	Fen	-	Flush	-		-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = ivy)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: DRAGON/DAMSELFLIES
 Other significant observations: Freshwater crayfish (not a blue crayfish?)

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude, Slope, Flow category, BGS Solid geology, BGS Drift geology, Distance from source, Significant tributary, Navigation, Height of source, Water Quality class, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14639

Grid reference: ST 784624 River: AVON 230

Date: 3/1 /1997 Time: 12.00 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes -

Bed of river visible? No X Part. - Entire. -

Duplicate photographs: general character? No - Yes X

Surveyed from: Left - Right X Channel -

SERCON survey in addition? No - Yes Y

C PREDOMINANT VALLEY FORM

Table with 2 columns: Form type, Characteristics. Includes shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical.

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 2 columns: Feature, Count. Includes Riffles (0), Unvegetated point bar (0), Pools (0), Vegetated point bar (0).

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H LAND USE WITHIN 50m OF BANKTOP

Table with 4 columns: Land Use, L, R, L, R. Includes Broadleaved/mixed woodland, Coniferous plantation, Orchard, Moorland/heath, Open water, Suburban/urban development, Rock and scree.

BANK PROFILES

Table with 6 columns: Profile type, L, R, Profile type, L, R. Includes Natural/unmodified, Vertical/sloping, Vertical + toe, Top >45, Side, Composite, Artificial two-stage, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Trees (Left, Right), Associated Features (None, Present E (>33%), X, -). Includes Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature, None, Present E, Feature, None, Present E (>33%), X, -. Includes Waterfall(s), Cascade(s), Rapid(s), Riffles, Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and multiple rows for Left Bank, Channel, Right Bank. Attributes include Material, Bank modification(s), Bank feature(s), Channel substrate, Flow type, Channel modification(s), Channel feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (1-10) and multiple rows for Land Use within 5m of banktop (L), Left bank-top, Left bank face, Right bank face, Right bank-top, Land use within 5m of bank top (R).

G CHANNEL VEGETATION TYPES

Table with 10 columns (1-10) and multiple rows for Channel vegetation types: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I CHANNEL DIMENSIONS

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Left Bank, Channel, Right Bank. Attributes include Banktop height, Banktop = Bankfull?, Embanked height, Water width, Water depth. Includes note: If trashline lower than break in slope, indicate height above water(m) = 0.5. Bed material at site: consolidated - unconsolidated - unknown X. Location of measurement is: riffle - run or glide X other -.

M ARTIFICIAL FEATURES

Table with 6 columns: Feature, Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes. <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging - Mowing - Weed-cutting - Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

Table with 4 columns: Feature, Feature, Feature, Feature. Includes Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fca, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettle, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None - Giant hogweed - Himalayan balsam X Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: Animals: KINGFISHER Other significant observations: Deep slow river with high steep banks. Sand cobble silt & clay substrate seen. Canal crosses river & runs along side about 50-100m away: Scirpus nuphar & Sagittaria in channel.

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude(m), BGS Solid geology code, Distance from source(km), Height of source(m).

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14640

Grid reference: ST 828196 River: KEY BROOK 231 Date: 24/09 /1997 Time: 17.26 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes - Bed of river visible? No - Part. X Entire. - Duplicate photographs: general character? No - Yes X Surveyed from: Left - Right X Channel X

C PREDOMINANT VALLEY FORM

Table with 2 columns: Valley form (shallow vee, deep vee, gorge) and associated features (concave/bowl, symmetrical, asymmetrical).

Terraced valley? No X Yes -

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 2 columns: Feature (Riffles, Pools) and count (Unvegetated/vegetated point bar).

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 2 columns: Land use type (L, R) and associated features (Rough pasture, Improved/semi-improved grass, etc.).

BANK PROFILES

Table with 6 columns: Profile type (Natural/unmodified, Vertical + toe, etc.) and associated features (Artificial/modified, Reinforced, etc.).

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 3 columns: Tree extent (None, Isolated, etc.), Associated features (Shading of channel, etc.), and Present E (>33%) status.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Channel feature (Waterfall(s), Cascade(s), etc.) and associated features (Marginal deadwater, etc.).

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

Table with 10 columns: Physical attributes (Material, Bank modification(s), etc.) and values (EA, NO, etc.).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns: Banktop land use (LAND USE WITHIN 5m OF BANKTOP (L), etc.) and values (IG, BL, TH, RP, etc.).

G CHANNEL VEGETATION TYPES

Table with 10 columns: Channel vegetation types (NONE, Liverworts/mosses/lichens, etc.) and values (/, E, etc.).

I. CHANNEL DIMENSIONS

Table with 3 columns: Channel dimensions (LEFT BANK, CHANNEL, RIGHT BANK) and values (Banktop height, Bankfull width, etc.).

M ARTIFICIAL FEATURES

Table with 7 columns: Artificial features (Weirs, Sluices, Culverts, Bridges) and values (Major, Intermediate, Minor).

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

Table with 4 columns: Evidence of management (Dredging, Mowing, Weed-cutting) and values (None, Enhancement, Other?).

O FEATURES OF SPECIAL INTEREST

Table with 4 columns: Features of special interest (Waterfalls >5m high, Braided/side channels, etc.) and values (None, Artificial open water, etc.).

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO - YES X

Q NOTABLE NUISANCE PLANTS

(Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS

Major impacts: Land Management: Animals: Other significant observations:

S ALDERS

Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Background Map-Based Information and Field Survey Details.

Grid reference: ST 435659 River: UN-NAMED TRIB. OF CONGRES
Date: 2/1 /1997 Time: 14:00 Surveyor: PH Accred. code: PF11
Adverse conditions? No X Yes -
Bed of river visible? No Part. X Entire. -

Table with 2 columns: Attribute, Value. Includes Predominant Valley Form and Terraced valley?

Table with 2 columns: Attribute, Value. Includes Number of Riffles, Pools and Point Bars.

Output created by IFE, Wareham on 09/02/1998

Table with 4 columns: Attribute, L, R, Attribute, L, R. Includes Land Use Within 50m of Banktop.

Table with 4 columns: Attribute, L, R, Attribute, L, R. Includes Bank Profiles.

Table with 4 columns: Attribute, Left, Right, Attribute, None, Present, E (>33%). Includes Extent of Trees and Associated Features.

Table with 4 columns: Attribute, None, Present, E, Attribute, None, Present, E (>33%). Includes Extent of Channel Features.

Table with 10 columns: 1-10. Includes Physical Attributes (Left Bank, Channel, Right Bank).

Table with 10 columns: 1-10. Includes Banktop Land Use and Vegetation Structure.

Table with 10 columns: 1-10. Includes Channel Vegetation Types.

Table with 3 columns: Attribute, Value, Attribute, Value, Attribute, Value. Includes Channel Dimensions.

Table with 7 columns: Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Artificial Features.

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site
N EVIDENCE OF RECENT MANAGEMENT

Table with 4 columns: Attribute, None, X, Attribute, None, X. Includes Features of Special Interest.

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = sycamore)

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management, Animals, Other significant observations: Drainage channel close to Somerset levels: first spot runs through hedge. Typical Somerset level water course.

S ALDERS Alders? None X Present Extensive Discarded alders? None X Present Extensive

Table with columns for parameters like Altitude, BGS Solid geology, Distance from source, Height of source, Slope, BGS Drift geology, Significant tributary, Water Quality class, Flow category, Planform category, Navigation?, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed. Reference site number: 14642. Grid reference: ST 496789 River: UN-NAMED 233. Date: 2/1 /1997 Time: 11.05 Surveyor: PH Accred. code: PF11. Adverse conditions? No X Yes. Bed of river visible? No Part. X Entire. Duplicate photographs: general character? No Yes X. SERCON survey in addition? No Yes Y. TERCON survey in addition? No Yes Y.

PREDOMINANT VALLEY FORM. shallow vee concave/bowl. deep vee X symmetrical. gorge asymmetrical. Terraced valley? No X Yes.

NUMBER OF RIFFLES, POOLS AND POINT BARS. Riffles 0 Unvegetated point bar 0. Pools 0 Vegetated point bar 0. Output created by IFE, Wareham on 09/02/1998.

H LAND USE WITHIN 50m OF BANKTOP. Table with columns for Left and Right bank land use types like Broadleaf/mixed woodland, Coniferous plantation, Orchard, Wetland/heath, Open water, Suburban/urban development, Rock and scree.

BANK PROFILES. Table with columns for Left and Right bank profiles: Natural/unmodified, Vertical/undercut, Vertical + toe, Composite, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES. TREES: None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous. ASSOCIATED FEATURES: Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES. Table with columns for None and Present E (>33%) for features like Waterfall, Cascade, Rapid, Riffle, Run, Boil, Glide, Pool, Ponded reaches, Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar, Vegetated mid-channel bar, Mature island, Unvegetated side bar, Vegetated side bar, Discrete silt deposit, Discrete sand deposit.

E PHYSICAL ATTRIBUTES. TABLES for LEFT BANK and RIGHT BANK. Columns: Material, Bank modification(s), Bank feature(s), Channel substrate, Flow type, Channel modification(s), Channel feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE. Table with columns for Land use types: SU (Shrub), U (Upland), IG (Improved grass), TH (Tall herb).

G CHANNEL VEGETATION TYPES. Table with columns for types like Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I. CHANNEL DIMENSIONS. TABLES for LEFT BANK, CHANNEL, RIGHT BANK. Columns: Banktop height, Banktop = Bank full?, Embanked height, Water width, Water depth, Banktop height, Banktop = Bank full?, Embanked height.

M ARTIFICIAL FEATURES. Table with columns for Major, Intermediate, Minor features like Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

N EVIDENCE OF RECENT MANAGEMENT. Table with columns for Dredging, Mowing, Weed-cutting, Enhancement, Other?

O FEATURES OF SPECIAL INTEREST. Table with columns for Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Other, Fringing reed-bank, Floating mat.

P CHOKED CHANNEL. Is 33% or more of the channel choked with vegetation? NO YES X.

Q NOTABLE NUISANCE PLANTS. (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

R OVERALL CHARACTERISTICS. Major impacts: INDUSTRY OVERDEEPENING SILTING. Land Management: ABANDONED LAND. Animals: DRAGON/DAMSELFLIES. Other significant observations: RS channel with E. waterfalls checked.

S ALDERS. Alders? None X Present Extensive. Diseased alders? None X Present Extensive.

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Table with columns for various attributes like Altitude, Slope, Flow category, BGS Solid geology code, BGS Drift geology code, Platform category, Distance from source, Significant tributary, Navigation, Height of source, Water Quality class, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14643
Grid reference: ST 526740 River: UN-NAMED TRIB. OF AVON 23
Date: 2/1/1997 Time: 16.20 Surveyor: PH Accred. code: PF11

C PREDOMINANT VALLEY FORM
Table with columns for valley characteristics: shallow vee, concave/bowl, deep vee, symmetrical, gorge, asymmetrical.

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 0 Unvegetated point bar 0
Pools 0 Vegetated point bar 0
Output created by IFE, Warcham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP
Table with columns for land use types: Broadleaf/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Wetland/heath (MH), Scrub (SC), Tall herbs (TH), Improved/semi-improved grass (IG), Tilled land (TL), Wetland (eg bog, marsh, fen)(WL), Open water (OW), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES
Table with columns for bank types: Natural/unmodified, Vertical/undercut, Vertical + toe, Composite, Artificial/modified, Resectioned, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES
Table with columns for trees (None, Isolated/scattered, Regularly spaced, single, Occasional clumps, Semi-continuous, Continuous) and associated features (Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris).

K EXTENT OF CHANNEL FEATURES
Table with columns for channel features (Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es)) and their extent (None, Present, Extensive).

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES
Table with columns 1-10 for physical attributes.

LEFT BANK
Material, Bank modification(s), Bank feature(s) table.

CHANNEL
Channel substrate, Flow type, Channel modification(s), Channel feature(s) table.

RIGHT BANK
Material, Bank modification(s), Bank feature(s) table.

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES
NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/hedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I CHANNEL DIMENSIONS
LEFT BANK, CHANNEL, RIGHT BANK
Banktop height(m), Bankfull?, Embanked height(m), Water width(m), Water depth(m), Banktop x Bankfull?, Embanked height(m).

M ARTIFICIAL FEATURES
None, Weirs, Sluices, Culverts, Bridges, Major, Intermediate, Minor, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No, Yes, <33% of site, >33% of site

N EVIDENCE OF RECENT MANAGEMENT
None, Dredging, Mowing, Weed-cutting, Enhancement, Other?

O FEATURES OF SPECIAL INTEREST
None, Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS
None, Giant hogweed, Himalayan balsam, Japanese knotweed, Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts: Land Management, Animals, Other significant observations: Steepish hill stream varied habitats & substrates.

S ALDERS
Alders? None, Present, Extensive, Discarded alders? None, Present, Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	40	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	90	BGS Drift geology code	6	Platform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	79	Water Quality class	0	RHS Segment type	4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14644

Grid reference: ST 558695 River: COLLITERS BROOK 236
 Date: 23/1/1997 Time: 12.45 Surveyor: PH Accred. code: PFI1

Adverse conditions? No Yes
 Bed of river visible? No Part Entire
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

PREDOMINANT VALLEY FORM

<input type="checkbox"/> shallow vee	<input type="checkbox"/> concave/bowl
<input checked="" type="checkbox"/> deep vee	<input type="checkbox"/> symmetrical
<input type="checkbox"/> gorge	<input type="checkbox"/> asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 19 Unvegetated point bar 10
 Pools 3 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	E	E	Rough pasture (RP)		/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		/
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)	/	/
			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Sp-45	/	/	Reinforced - top only		
Stile	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES		ASSOCIATED FEATURES			
None	Left	Right	None	Present	E (>33%)
Isolated/scattered	-	-	Shading of channel	-	X
Regularly spaced, single	-	-	Overhanging boughs	-	X
Occasional clumps	-	-	Exposed bankside roots	-	X
Semi-continuous	-	-	Underwater tree roots	-	X
Continuous	X	X	Fallen trees	-	X
			Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present	E	Marginal deadwater	None	Present	E (>33%)
Cascade(s)	X	X	-	Exposed bedrock	X	-	-
Rapid(s)	X	-	-	Exposed boulders	-	X	-
Riffle(s)	-	-	X	Unvegetated mid-channel bar(s)	-	X	-
Run(s)	-	-	X	Vegetated mid-channel bar(s)	X	-	-
Boil(s)	X	-	-	Manure island(s)	X	-	-
Glide(s)	-	X	-	Unvegetated side bar(s)	-	X	-
Pool(s)	-	X	-	Vegetated side bar(s)	X	-	-
Ponded reach(es)	-	X	-	Discrete silt deposit(s)	-	X	-
				Discrete sand deposit(s)	-	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	GS	EA	EA	CL	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SB	PB	NO	PB	NO	NO	PB	NO	NO

CHANNEL

Channel substrate	CO	P	CO	CO	CO	CO	SA	CO	CO	CO
Flow type	SM	SM	SM	SM	RP	NP	SM	SM	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	RO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	PB	SC	EC	PB	EC	EC	NO	SC	SB	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
LEFT BANK-TOP	B	U	B	S	S	S	S	S	C	S
LEFT BANK FACE	B	U	B	S	B	U	B	U	S	U
RIGHT BANK FACE	U	S	S	B	B	S	U	S	U	U
RIGHT BANK-TOP	S	S	C	B	C	S	S	S	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	SC	RP	BL	BL	IG	SU	SU	SC	BL

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens						/			/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae						/				/

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.5	Bankfull width (m)	4.0	Banktop height (m)	0.5
Banktop = Bankfull?	N	Water width (m)	2.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.06	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0
 Bed material at site is: consolidated X unconsolidated - unknown -
 Location of measurement is: riffle X run or glide - other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls	1	
Culverts	1			Fords		
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None Dredging - Mowing - Weed-cutting -
 Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fraging reed-bank
Waterfalls >5m high	-	-	-
Braided/side channels	Natural open water	Can	Floating mat
Debris dam	X	Water meadow	Marsh
Leafy debris	X	Fen	Flush

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: Steep hill stream very active much erosion of bank
 Large landfill site within 200m of left bank.

S ALDERS

Alders? None Present - Extensive - Diseased alders? None Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	86	Slope (m/km)	6.7	Flow category (1-10)	1
BGS Solid geology code	91	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	119	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14645

Grid reference: ST 722770 River: BOYD 241
 Date: 2/1 /1997 Time: 9.10 Surveyor: PHH Accred. code: PF11

Adverse conditions?	No	X	Yes	-
Bed of river visible?	No	-	Part	-
				Entire
				X
Duplicate photographs: general character?	No	-	Yes	X
Surveyed from:	Left	-	Right	X
				Channel
				X
SERCON survey in addition?	No	N	Yes	-

C PREDOMINANT VALLEY FORM

- shallow vee	-	-	concave/bowl
- deep vee	-	X	symmetrical
- gorge	-	-	asymmetrical

Terraced valley? No X Yes -

NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles	5	Uovegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)			Rough pasture (RP)		
Cloveriferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

Artificial/modified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Resectioned	E	E
Vertical + toe			Reinforced - whole bank		
Rep > 45	/	/	Reinforced - top only		
Stable			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked		
			Sea-bank embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	X	X	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	-	-	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Uovegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	-	-	Uovegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at upstream end - downstream end X

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	CC	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RI	RS	RS	NO	NO	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	BE	CL	SI	CL	SA	BE	BE	SI	CL	CO
Flow type	SM	SM	SM	NP	SM	UW	NP	SM	SM	SM
Channel modification(s)	RS	RI	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	CC	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RI	RS	RS	RS	NO	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	C	U	U	S	U	U	S	U	U	U
LEFT BANK FACE	S	B	U	U	U	S	S	S	S	U
RIGHT BANK FACE	S	B	U	U	U	S	S	U	S	S
RIGHT BANK-TOP	C	U	U	U	S	U	U	S	C	
LAND USE WITHIN 5m OF BANK TOP (R)	IG	TH	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/										
Liverworts/mosses/lichens											
Emergent broad-leaved herbs								/	/	/	/
Emergent reeds/sedges/rushes	/	E		/	/	E	/	/	/	/	/
Floating-leaved (rooted)											
Free-floating											
Amphibious											
Submerged broad-leaved											
Submerged linear-leaved				/	/					/	/
Submerged fine-leaved											
Filamentous algae											

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.5	Banktop height (m)	1.5
Banktop = Bankfull?	N	Banktop = Bankfull?	N
Bankfull width (m)	1.5	Bankfull width (m)	1.5
Embanked height (m)	0.0	Embanked height (m)	0.0
Water depth (m)	0.15	Water depth (m)	0.15
If streamline lower than break in slope, indicate: height above water(m) = 0.7			
Bed material at site is: consolidated X unconsolidated unknown			
Location of measurement is: riffle - run or glide X other			

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs			/	Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	Artificial open water	Bog	Fringing reed-bank
Waterfalls >5m high	Natural open water	Cart	Floating mat
Braided/side channels	Water meadow	Marsh	Other
Debris dam	Leaf debris	Flush	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS

None X	Giant hogweed	Himalayan balsam	Japanese knotweed	Other?
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R OVERALL CHARACTERISTICS

(Comments may have been paraphrased!)	
Major impacts:	
Land Management:	SET ASIDE
Animals:	
Other significant observations:	Overgrown RS channel, BE = solid clay

S ALDERS

Alders? None X Present Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 5 columns: Attribute, Value, Attribute, Value, Attribute, Value. Includes Altitude(m), Slope (m/km), Flow category (1-10), BGS Solid geology code, BGS Drift geology code, Platform category, Distance from source(km), Significant tributary?, Navigability?, Height of source(m), Water Quality class, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14646

Grid reference: ST 784661 River: AVON 244 Date: 31 /1997 Time: 9.45 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes - Bed of river visible? No - Part. - Entire. - Duplicate photographs: general character? No - Yes X Surveyed from: Left - Right - Channel - SERCON survey in addition? No * Yes -

C PREDOMINANT VALLEY FORM

Table with 2 columns: Description, Form. Includes shallow vee, concave/bowl, deep vee, symmetrical, gorge, asymmetrical.

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 3 columns: Riffles, Unvegetated point bar, Pools, Vegetated point bar.

Output created by IFE, Wareham on 09/02/1998

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 10 columns: 1-10. Section: LEFT BANK

Table with 12 columns: SP, EA, EA, EA, EA, NV, EA, NV, NV, EA. Section: Material, Bank modification(s), Bank feature(s).

Table with 12 columns: G, SI, G, NV, NV, NV, C, NV, NV, NV. Section: CHANNEL. Includes Channel substrate, Flow type, Channel modification(s), Channel feature(s).

Table with 12 columns: EA, EA, EA, EA, EA, EA, EA, EA, EA, EA. Section: RIGHT BANK. Includes Material, Bank modification(s), Bank feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 12 columns: SU, SU, SC, BL, BL, BL, BL, BL, BL, BL, IG. Includes LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with 12 columns. Includes NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged fine-leaved, Submerged fine-leaved, Filamentous algae.

H LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: L, R, L, R. Includes Ideal/mixed woodland (BL), Rough pasture (RP), Coniferous plantation (CP), Improved/semi-improved grass (IG), Orchard (OR), Tilled land (TL), Farmland/heath (MH), Wetland (eg bog, marsh, fen)(XWL), Wood (SC), Open water (OW), Tall herbs (TH), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 6 columns: L, R, L, R. Includes Natural/unmodified, Artificial/modified, Vertical/undercut, Reinforced, Vertical + toe, Reinforced - toe only, Composite, Artificial two-stage, Poached, Embanked, Set-back embankments.

I EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 5 columns: None, Left, Right, None, Present E (>33%). Includes TRESS and ASSOCIATED FEATURES.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: None, Present E, None, Present E (>33%). Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

L CHANNEL DIMENSIONS

Table with 3 columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Banktop * Bank full?, Embanked height (m), Bankfull width (m), Water width (m), Water depth (m), Banktop * Bank full?, Embanked height (m).

If trashline lower than break in slope, indicate: height above water(m) = 2.1

Bed material at site is: consolidated - unconsolidated - unknown X

Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

Table with 6 columns: None, Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fonds, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

Table with 4 columns: None, Dredging, Mowing, Weed-cutting. Includes Enhancement, Other? X

O FEATURES OF SPECIAL INTEREST

Table with 5 columns: None, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None - Giant hogweed - Himalayan balsam - Japanese knotweed X Other? P1

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: RAIL Land Management: Animals: Other significant observations: Large deep slow river. Substrate feels gravelly. LB with overhanging willow.

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

1997 RIVER HABITAT SURVEY page 1 of 4 14647
A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 118 Slope (m/km) 4 Flow category (1-10) 1
BGS Solid geology code 95 BGS Drift geology code 0 Planform category 4
Distance from source(km) .25 Significant tributary? N Navigation? N
Height of source(m) 122 Water Quality class 0 RHS Segment type 7
FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14647

Grid reference: ST 814814 River: LUCKINGTON BROOK 246
Date: 1/1 /1997 Time: 9.00 Surveyor: PH Accred. code: PF11
Adverse conditions? No X Yes -
Bed of river visible? No Part. Entire X
Duplicate photographs: general character? No Yes X
Surveyed from: Left Right Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 0 Unvegetated point bar 0
Pools 0 Vegetated point bar 0
Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP
L R L R
Meadow/mixed woodland (BL) Rough pasture (RP)
Coniferous plantation (CP) Improved/semi-improved grass (IG) E E
Orchard (OR) Tilled land (TL)
Arable/maize (MH) Wetland (eg bog, marsh, fen)(WL)
Mudflat (SC) Open water (OW)
Tall herbs (TH) Suburban/urban development (SU)
Rock and scree (RS)

BANK PROFILES
L R L R
Natural/unmodified
Vertical/undercut E E
Vertical + toe
Top >45 / / Reinforced - top only
Side Reinforced - toe only
Composite Artificial two-stage
Poached / /
Embanked
Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E (>33%)
None - - Shading of channel - X -
Isolated/scattered X X Overhanging boughs X - -
Regularly spaced, single - - Exposed bankside roots X - -
Occasional clumps - - Underwater tree roots X - -
Semi-continuous - - Fallen trees X - -
Continuous - - Coarse woody debris - X -

K EXTENT OF CHANNEL FEATURES
None Present E None Present E (>33%)
Waterfall(s) X - - Marginal deadwater X - -
Cascade(s) X - - Exposed bedrock X - -
Rapid(s) X - - Exposed boulders X - -
Riffle(s) X - - Unvegetated mid-channel bar(s) X - -
Run(s) X - - Vegetated mid-channel bar(s) X - -
Boil(s) X - - Manure island(s) X - -
Glide(s) X - - Unvegetated side bar(s) X - -
Pool(s) X - - Vegetated side bar(s) X - -
Ponded reach(es) X - - Discrete silt deposit(s) X - -
Discrete sand deposit(s) X - -

E PHYSICAL ATTRIBUTES
LEFT BANK
Material EA EA EA EA EA BR EA EA EA EA
Bank modification(s) NO RS RS NO NO RI RS RS RS RS
Bank feature(s) NO NO NO NO NO NO NO NO NO NO
CHANNEL
Channel substrate SI SI SI SI SI SI SI SI SI SI
Flow type NO NO NO NO NO NO NO NO NO NO
Channel modification(s) NO NO RS NO NO NO NO NO NO NO
Channel feature(s) NO NO NO NO NO NO NO NO NO NO
RIGHT BANK
Material EA EA EA EA EA BR EA EA EA EA
Bank modification(s) RS RS NO NO NO RI RS RS NO RS
Bank feature(s) NO NO NO NO NO NO NO NO NO NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) IG IG IG IG IG SU IG IG IG IG
LEFT BANK-TOP U U U U C B U U U U
LEFT BANK FACE U U U U U B U S U U
RIGHT BANK FACE U U U U U B U S S S
RIGHT BANK-TOP U U U U U B U U U U
LAND USE WITHIN 5m OF BANK TOP (R) IG IG IG IG IG SU IG IG IG IG

G CHANNEL VEGETATION TYPES
NONE / / / / / / / / / /
Liverworts/mosses/lichens
Emergent broad-leaved herbs
Emergent reeds/sedges/rushes / /
Floating-leaved (rooted)
Free-floating
Amphibious
Submerged broad-leaved
Submerged linear-leaved
Submerged fine-leaved
Filamentous algae

I CHANNEL DIMENSIONS
LEFT BANK CHANNEL RIGHT BANK
Banktop height(m) 0.65 Bankfull width (m) 2.5 Banktop height (m) 0.65
Banktop = Bankfull? * Water width (m) * Banktop = Bankfull? *
Embanked height (m) 0.0 Water depth (m) 0.0 Embankment height (m) 0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.0
Bed material at site is: consolidated - unconsolidated - unknown X
Location of measurement is: riffle - run or glide - other X

M ARTIFICIAL FEATURES
None Weirs Major Intermediate Minor Revetments Major Intermediate Minor
Sluices Outfalls
Culverts I Fords
Bridges Deflectors
Other
Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT
None X Dredging - Mowing - Weed-cutting -
Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST
None Waterfalls >5m high - Artificial open water - Bog - Fringing reed-bank -
Braided/side channels - Natural open water - Carr - Floating mat -
Debris dam X Water meadow - Marsh - Other -
Leafy debris - Fen - Flush -

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = brambles, 6 = nettles)
None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts:
Land Management:
Animals:
Other significant observations: Dry water course.

S ALDERS
Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	102	Slope (m/km)	3.33	Flow category (1-10)	1
BGS Solid geology code	95	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	113	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14648

Grid reference: ST 846814 River: GAUZE BROOK 247

Date: 30/9/1997 Time: 10.10 Surveyor: PH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Scrub/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/Undercut			Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Slope >45	E	E	Reinforced - top only		
Roof			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
			None	Present	E (>33%)
None			Shading of channel		X
Isolated/scattered			Overhanging boughs	X	
Regularly spaced, single			Exposed bankside roots	X	
Occasional clumps			Underwater tree roots	X	
Semi-continuous			Fallen trees	X	
Continuous	X	X	Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	E			
				None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater	X	
Cascade(s)	X			Exposed bedrock	X	
Rapid(s)	X			Exposed boulders	X	
Riffle(s)	X			Unvegetated mid-channel bar(s)	X	
Run(s)	X			Vegetated mid-channel bar(s)	X	
Bolt(s)	X			Mature island(s)	X	
Glide(s)	X			Unvegetated side bar(s)	X	
Pool(s)	X			Vegetated side bar(s)	X	
Ponded reach(es)	X			Discrete silt deposit(s)	X	
				Discrete sand deposit(s)	X	

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	SI	CO	SI	SI	SI	SI	SI
Flow type	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	BL	TH	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	C	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	TH	BL	BL	BL
G CHANNEL VEGETATION TYPES										
NONE			/	/	/	/	/	/	/	/
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.3	Bankfull width(m)	2.3	Banktop height(m)	0.5
Banktop = Bankfull?	N	Water width(m)	0.0	Banktop = Bankfull?	Y
Embanked height(m)	0.0	Water depth(m)	0.0	Embanked height(m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.5

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

	None			Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs												
Sluices												
Culverts												
Bridges												

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

	None	Dredging	Mowing	Weed-cutting
Enhancement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other?				

O FEATURES OF SPECIAL INTEREST

None	<input checked="" type="checkbox"/>
Waterfalls >5m high	<input type="checkbox"/>
Artificial open water	<input type="checkbox"/>
Bog	<input type="checkbox"/>
Fringing reed-bank	<input type="checkbox"/>
Braided/side channels	<input type="checkbox"/>
Natural open water	<input type="checkbox"/>
Carr	<input type="checkbox"/>
Floating mat	<input type="checkbox"/>
Debris dam	<input type="checkbox"/>
Water meadow	<input type="checkbox"/>
Marsh	<input type="checkbox"/>
Other	<input type="checkbox"/>
Leafy debris	<input type="checkbox"/>
Fen	<input type="checkbox"/>
Flush	<input type="checkbox"/>

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: Dry channel which flows only after heavy rain then stops.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with columns for Altitude(m), Slope (m/km), Flow category (1-10), BGS Solid geology code, BGS Drift geology code, Planform category, Distance from source(km), Significant tributary?, Navigation?, Height of source(m), Water Quality class, RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14649

Grid reference: ST 87448 River: UN-NAMED TRIB. OF WYLVE 2

Date: 2/1/1997 Time: 10.15 Surveyor: JP Accred. code: MN61

Adverse conditions: No X Yes -

Bed of river visible? No - Part. X Entire -

Duplicate photographs: general character? No - Yes X

Surveyed from: Left X Right X Channel X

SERCON survey in addition? No - Yes Y

PREDOMINANT VALLEY FORM

Table with columns for shallow vee, deep vee, gorge, terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with columns for Riffles, Unvegetated point bar, Pools, Vegetated point bar

Output created by IFE, Wareham on 09/02/1998

LAND USE WITHIN 50m OF BANKTOP

Table with columns for L, R and categories like Broadleaf/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), Farmland/heath (MH), Scrub (SC), Tall herbs (TH), Rock and scree (RS), Rough pasture (RP), Improved/semi-improved grass (IG), Tilled land (TL), Wetland (eg bog, marsh, fen)(WL), Open water (OW), Suburban/urban development (SU)

BANK PROFILES

Table with columns for L, R and categories like Natural/unmodified, Vertical/undercut, Vertical + toe, Top >45, Profile, Composite, Artificial two-stage, Poached, Embanked, Set-back embankments

EXTENT OF TREES AND ASSOCIATED FEATURES

Table with columns for Left, Right, None, Present E (>33%) and categories like None, Isolated/scattered, Regularly spaced, single, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris

EXTENT OF CHANNEL FEATURES

Table with columns for None, Present E (>33%) and categories like Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pondered reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s)

Spot check 1 is at: upstream end X downstream end

PHYSICAL ATTRIBUTES

Table with columns 1-10 and categories LEFT BANK, RIGHT BANK, Material, Bank modification(s), Bank feature(s), CHANNEL, Channel substrate, Flow type, Channel modification(s), Channel feature(s)

BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with columns for LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R)

CHANNEL VEGETATION TYPES

Table with categories NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae

CHANNEL DIMENSIONS

Table with columns for LEFT BANK, CHANNEL, RIGHT BANK and categories Banktop height(m), Banktop = Bankfull?, Embankment height (m), Water width (m), Water depth (m), Embankment height (m), height above water(m) = 0.35, Bed material at site is: consolidated X unconsolidated unknown, Location of measurement is: riffle - run or glide - other X

ARTIFICIAL FEATURES

Table with columns for Weirs, Sluices, Culverts, Bridges, Major, Intermediate, Minor, Major, Intermediate, Minor, Revetments, Outfalls, Fords, Deflectors, Other

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site

EVIDENCE OF RECENT MANAGEMENT

Table with categories None, Dredging, Mowing, Weed-cutting, Enhancement, Other?

FEATURES OF SPECIAL INTEREST

Table with categories None, Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other

CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES X

NOTABLE NUISANCE PLANTS

(Others: 1 = nettles, 2 = rhododendrons, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

OVERALL CHARACTERISTICS

Table with categories Major impacts: LITTER, Land Management: PARKLAND, Animals: DRAGON/DAMSELFLIES, Other significant observations: Rat and shrimps

ALDERS

Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	89	Slope (m/km)	13.33	Flow category (1-10)	1
BGS Solid geology code	96	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2	Significant tributary ?	N	Navigation?	N
Height of source(m)	120	Water Quality class	0	RHS Segment type	7

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14650

Grid reference: ST 890737 River: UN-NAMED TRIB. OF AVON 24

Date: 1/1 /1997 Time: 14.30 Surveyor: PH Accrd. code: PFI

Adverse conditions? No Yes

Bed of river visible? No Part Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Radical/mixed woodland (BL)	<input type="checkbox"/>	Rough pasture (RP)	<input type="checkbox"/>
Coniferous plantation (CP)	<input type="checkbox"/>	Improved/semi-improved grass (IG)	<input type="checkbox"/>
Orchard (OR)	<input type="checkbox"/>	Tilled land (TL)	<input type="checkbox"/>
Arable/heath (MH)	<input type="checkbox"/>	Wetland (eg bog, marsh, fen)(WL)	<input type="checkbox"/>
Swamp (SC)	<input type="checkbox"/>	Open water (OW)	<input type="checkbox"/>
Tall herbs (TH)	<input type="checkbox"/>	Suburban/urban development (SU)	<input type="checkbox"/>
		Rock and scree (RS)	<input type="checkbox"/>

BANK PROFILES

Normal/unmodified	<input type="checkbox"/>	Artificial/modified	<input type="checkbox"/>
Vertical/undercut	<input type="checkbox"/>	Resectioned	<input type="checkbox"/>
Vertical + toe	<input type="checkbox"/>	Reinforced - whole bank	<input type="checkbox"/>
Toe > 45	<input type="checkbox"/>	Reinforced - top only	<input type="checkbox"/>
Toe < 45	<input type="checkbox"/>	Reinforced - toe only	<input type="checkbox"/>
Composite	<input type="checkbox"/>	Artificial two-stage	<input type="checkbox"/>
		Poached	<input type="checkbox"/>
		Embanked	<input type="checkbox"/>
		Set-back embankments	<input type="checkbox"/>

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	<input type="checkbox"/>	<input type="checkbox"/>	Shading of channel	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Isolated/scattered	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhanging boughs	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Regularly spaced, single	<input type="checkbox"/>	<input type="checkbox"/>	Exposed bankside roots	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Occasional clumps	<input type="checkbox"/>	<input type="checkbox"/>	Underwater tree roots	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Semi-continuous	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fallen trees	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Continuous	<input type="checkbox"/>	<input type="checkbox"/>	Coarse woody debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>

K EXTENT OF CHANNEL FEATURES

Channel Feature	None	Present E (>33%)	Marginal deadwater	None	Present E (>33%)
Waterfall(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exposed bedrock	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cascade(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exposed boulders	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rapid(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unvegetated mid-channel bar(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Riffle(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vegetated mid-channel bar(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Run(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mature island(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Boil(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unvegetated side bar(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Glide(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vegetated side bar(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pool(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discrete silt deposit(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ponded reach(es)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discrete sand deposit(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	RR	EA
Bank modification(s)	NO	NO	NO	NO	PC	PC	PC	NO	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	GP	CL	SI	CL	CL	CL	SI	SI	CO	CO
Flow type	RP	RP	SM	SM	RP	SM	SM	SM	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	PC	PC	PC	PC	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	TH	TH	TH	TH	IG	IG	IG	TH	IG
LEFT BANK-TOP	S	U	U	U	C	S	U	U	U	U
LEFT BANK FACE	U	U	U	U	U	U	U	U	B	B
RIGHT BANK FACE	U	U	U	U	U	U	U	U	S	S
RIGHT BANK-TOP	S	U	U	U	S	U	U	U	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	TH	TH	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liverworts/mosses/lichens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergent broad-leaved herbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergent reeds/hedges/freshes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floating-leaved (rooted)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Free-floating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amphibious	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Submerged broad-leaved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Submerged linear-leaved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Submerged fine-leaved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filamentous algae	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.0	5.0	0.3
Banktop = Bankfull ?	Water width (m)	Banktop = Bankfull ?
N	1.0	Y
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.2	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.3

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Revetments	<input type="checkbox"/>	<input type="checkbox"/>
Shoices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outfalls	<input type="checkbox"/>	<input type="checkbox"/>
Culverts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fords	<input type="checkbox"/>	<input type="checkbox"/>
Bridges	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Deflectors	<input type="checkbox"/>	<input type="checkbox"/>
				Other	<input type="checkbox"/>	<input type="checkbox"/>

Is water impounded by weir/dam? No Yes, <31% of site >31% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
		Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None	<input type="checkbox"/>	Artificial open water	<input type="checkbox"/>	Bog	<input type="checkbox"/>	Fringing reed-bank	<input type="checkbox"/>
Waterfalls >5m high	<input type="checkbox"/>	Natural open water	<input type="checkbox"/>	Carr	<input type="checkbox"/>	Floating mat	<input type="checkbox"/>
Braided/side channels	<input type="checkbox"/>	Water meadow	<input checked="" type="checkbox"/>	Marsh	<input type="checkbox"/>	Other	<input type="checkbox"/>
Debris dam	<input checked="" type="checkbox"/>	Fen	<input type="checkbox"/>	Flush	<input type="checkbox"/>		
Leafy debris	<input type="checkbox"/>						

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: Paper on R/B top section. Small stream unmanaged at top of section with nettles, brambles & bramble. Open and poached in middle section overgrown lower section.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A. BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 4 columns: Attribute, Value, Attribute, Value. Includes Altitude, BGS Solid geology code, Distance from source, Height of source, Slope, BGS Drift geology code, Significant tributary, Water Quality class, Flow category, Planform category, Navigation, and RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed Reference site number: 14651

Grid reference: ST 886803 River: UN-NAMED TRIB. OF AVON 25 Date: 30/1/1997 Time: 11.45 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes Bed of river visible? No Part. Entire X Duplicate photographs: general character? No X Yes Surveyed from: Left Right Channel X SERCON survey in addition? No Yes Y

C. PREDOMINANT VALLEY FORM

shallow vee concave/bowl deep vee X symmetrical gorge asymmetrical Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 0 Pools 0 Vegetated point bar 0

Output created by IFE, Warrham on 09/02/1998

II. LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Land Use Type, L, R, L, R. Includes mixed woodland, Coniferous plantation, Orchard, Wetland, Open water, Suburban/urban development, Rock and scree.

BANK PROFILES

Table with 6 columns: Profile Type, L, R, Profile Type, L, R. Includes Natural/unmodified, Vertical/undercut, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Poached, Embanked, Set-back embankments.

J. EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 5 columns: Trees, Left, Right, Associated Features, Present E (>33%). Includes Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K. EXTENT OF CHANNEL FEATURES

Table with 6 columns: Channel Feature, None, Present E, Channel Feature, None, Present E (>33%). Includes Waterfall, Cascade, Rapid, Riffle, Run, Boil, Glide, Pool, Pooled reach, Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar, Vegetated mid-channel bar, Mature island, Unvegetated side bar, Vegetated side bar, Discrete silt deposit, Discrete sand deposit.

Spot check 1 is at: upstream end X downstream end

E. PHYSICAL ATTRIBUTES

Table with 10 columns: 1-10

LEFT BANK

Table with 11 columns: Material, Bank modification, Bank feature. Values: EA, RS, NO.

CHANNEL

Table with 11 columns: Channel substrate, Flow type, Channel modification, Channel feature. Values: SI, NO, RS, NO.

RIGHT BANK

Table with 11 columns: Material, Bank modification, Bank feature. Values: EA, RS, NO, EC.

F. BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 11 columns: Land Use Type, TL, BL, TH. Includes LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G. CHANNEL VEGETATION TYPES

Table with 11 columns: Vegetation Type, TL, BL, TH. Includes NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I. CHANNEL DIMENSIONS

Table with 6 columns: Banktop height, Bankfull width, Water width, Banktop = Bankfull?, Embanked height, Water depth. Includes LEFT BANK, CHANNEL, RIGHT BANK.

If trashing lower than break in slope, indicate: height above water(m) = 0.5

Bed material at site is: consolidated X unconsolidated unknown

Location of measurement is: riffle run or glide other X

M. ARTIFICIAL FEATURES

Table with 7 columns: Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N. EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting Enhancement Other?

O. FEATURES OF SPECIAL INTEREST

Table with 5 columns: None, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P. CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q. NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R. OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: OVERDEEPENING Land Management: Animals: Other significant observations: Dry farm channel. Last 2 spots becoming deep & wider with pebbles and stones in channel.

S. ALDERS

Alders? None X Present Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	93	Slope (m/km)	B	Flow category (1-10)	1
BGS Solid geology code	95	BGS Drift geology code	0	Planform category	0
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	110	Water Quality class	0	RHS Segment type	7

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14652

Grid reference: ST B96777 River: UN-NAMED TRIB. OF AVON 25

Date: 30/1 /1997 Time: 16.00 Surveyor: PHH Accred. code: PF11

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee		symmetrical	X
gorge		asymmetrical	

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/mixed woodland (BL)	/	/	Rough pasture (RP)		
Cultiferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)	/	/
Herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned	E	E
Vertical + toe			Reinforced - whole bank	/	/
Toe >45	E	E	Reinforced - toe only		
Toe <45			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	X	-
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	X	-
Semi-continuous	X	X	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	-	X

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	X	-
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Manure island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	-	X	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	NO	RS	NO	NO	NO	NO	NO	NO	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	SI	SI	SI	SI	CO	CO	CO	G	SI	SI
Flow type	SM	SM	SM	SM	UW	SM	SM	SM	NP	NP
Channel modification(s)	RS	NO	NO	NO	FO	NO	NO	NO	RS	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	NO	NO	NO	RS	NO	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TH	TH	TH	TH	IG	IG	TH	TH	BL	IG
LEFT BANK-TOP	S	S	S	U	U	S	S	S	C	U
LEFT BANK FACE	U	U	U	B	U	S	S	B	S	U
RIGHT BANK FACE	U	U	U	S	U	S	U	U	B	U
RIGHT BANK-TOP	U	U	C	C	S	U	C	C	C	U
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	IG	IG	IG	TH	IG	BL	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens							/			/
Emergent broad-leaved herbs							/		E	/
Emergent reeds/sedges/rushes		/								/
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.7	Bankfull width (m)	2.5	Banktop height (m)	1.0
Banktop = Bankfull ?	*	Water width (m)	2.25	Banktop = Bankfull ?	*
Embanked height (m)	0.0	Water depth (m)	0.1	Embanked height (m)	0.0

If trahline lower than break in slope, indicate: height above water(m) = 0.75

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts	2			Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None					
Waterfalls >5m high	-	Artificial open water	X	Bog	-
Braided/side channels	-	Natural open water	-	Carr	-
Debris dam	X	Water meadow	-	Marsh	-
Leafy debris	X	Fen	-	Flush	-

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management: SET ASIDE
 Animals: GREY WAGTAIL
 Other significant observations: Some meandering to places along the stream.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Table with 5 columns: Attribute, Value, Unit, Value, Value. Rows include Altitude(m), BGS Solid geology code, Distance from source(km), Height of source(m), Slope (m/km), BGS Drift geology code, Significant tributary?, Water Quality class, Flow category (1-10), Platform category, Navigation?, and RHS Segment type.

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14653

Grid reference: ST 899608 River: SEMINGTON BROOK 252 Date: 12/09 /1997 Time: 15.00 Surveyor: JP Accred. code: MN61

Table for Adverse conditions, Bed of river visible?, Duplicate photographs: general character?, Surveyed from:, and SERCON survey in addition? with Yes/No/Part/Entire options.

Table for PREDOMINANT VALLEY FORM with categories: shallow vec, deep vec, gorge, concave/bowl, symmetrical, asymmetrical.

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 2 columns: Feature (Riffles, Pools) and Count (Unvegetated/vegetated point bar).

Output created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Feature, L, R, Feature, L, R. Rows include Woodland, Plantation, Orchard, Heath, Scrub, Herbs, Wetland, Open water, Suburban/urban development, Rock and scree.

BANK PROFILES

Table with 6 columns: Profile Type, L, R, Profile Type, L, R. Rows include Natural/unmodified, Vertical/undercut, Vertical + toe, Slope >45, Gentle, Composite, Poached, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 6 columns: Tree Feature, Left, Right, Associated Feature, None, Present E (>33%). Rows include None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature, None, Present E, Feature, None, Present E (>33%). Rows include Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 11 columns (1-10) and 3 rows (LEFT BANK: Material, Bank modification(s), Bank feature(s); CHANNEL: Channel substrate, Flow type, Channel modification(s), Channel feature(s); RIGHT BANK: Material, Bank modification(s), Bank feature(s)).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 11 columns (L, RP, RP, RP, RP, RP, BL, IG, IG, IG) and 6 rows (LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R)).

G CHANNEL VEGETATION TYPES

Table with 11 columns and 10 rows for various vegetation types: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

I. CHANNEL DIMENSIONS

Table with 6 columns: Feature, Value, Feature, Value, Feature, Value. Rows include LEFT BANK: Banktop height(m), Banktop = Bankfull?, Embanked height (m); CHANNEL: Bank full width (m), Water width (m), Water depth (m); RIGHT BANK: Banktop height (m), Banktop = Bankfull?, Embanked height (m).

If trashline lower than break in slope, indicate: height above water(m) = 1.0

Bed material at site is: consolidated - unconsolidated - unknown X

Location of measurement is: riffle - run or glide X other

M ARTIFICIAL FEATURES

Table with 7 columns: None, Major, Intermediate, Minor, Major, Intermediate, Minor. Rows include Weirs, Sluices, Culverts, Bridges, Retirements, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site

N EVIDENCE OF RECENT MANAGEMENT

Table with 7 columns: None X, Dredging, Mowing, Weed-cutting, Enhancement, Other?.

O FEATURES OF SPECIAL INTEREST

Table with 7 columns: Feature, None X, Feature, Feature, Feature. Rows include Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fen, Bog, Carr, Marsh, Pringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None X Giant hogweed - Himalayan balsam - Japanese knotweed - Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Table with 2 columns: Major impacts, Land Management, Animals, Other significant observations. Values: ROAD, KINGFISHER, Swans.

S ALDERS

Alders? None - Present X Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	58	Slope (m/km)	3.33	Flow category (1-10)	1
BGS Solid geology code	99	BGS Drift geology code	0	Platform category	2
Distance from source(km)	92	Significant tributary?	N	Navigation?	N
Height of source(m)	64	Water Quality class	0	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14654

Grid reference: ST 925545 River: UN-NAMED TRIB. OF SEMINGT

Date: 2VI /1997 Time: 10.00 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes

Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee	<input type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input checked="" type="checkbox"/>	symmetrical	<input type="checkbox"/>
gorge	<input type="checkbox"/>	asymmetrical	<input type="checkbox"/>

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Radical/mixed woodland (BL)	/		E	E
Scrub/woodland plantation (CP)			E	E
Orchard (OR)				
Wetland/heath (MH)				
Open water (OW)				
Herbs (TH)	/			
Suburban/urban development (SU)				
Rock and scree (RS)				

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/		Resectioned	E	E
Vertical + toe			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None/scattered	-	-	-	-	Shading of channel	-	X
Regularly spaced, single	-	-	-	-	Overhanging boughs	-	X
Occasional clumps	X	-	-	-	Exposed bankside roots	X	-
Semi-continuous	-	X	-	-	Underwater tree roots	-	X
Continuous	-	-	-	-	Fallen trees	X	-
	-	-	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None		Present		E (>33%)		
	None	Present	None	Present	None	Present	E (>33%)
Waterfall(s)	X	-	-	-	Marginal deadwater	-	X
Cascade(s)	X	-	-	-	Exposed bedrock	X	-
Rapid(s)	X	-	-	-	Exposed boulders	X	-
Riffle(s)	-	X	-	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	X	-	-	-	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	-	-	Mature island(s)	X	-
Glide(s)	-	-	X	-	Unvegetated side bar(s)	-	X
Pool(s)	X	-	-	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	-	-	Discrete silt deposit(s)	-	X
	-	-	-	-	Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	P	P	G	G	P	P	P
Flow type	RP	SM	SM	SM	RP	SM	SM	RP	RP	SM
Channel modification(s)	RS	RS	RS	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TL	BL	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	S	S	S	S	S	S	S	S	C
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	U	U	U	U	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TL	TL	TL	TL	IG	IG	IG	TH	IG	TL

G CHANNEL VEGETATION TYPES

NONE												
Liverworts/mosses/lichens												
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/								/
Floating-leaved (rooted)												
Free-floating												
Amphibious	/											/
Submerged broad-leaved			/	/								/
Submerged linear-leaved												
Submerged fine-leaved												
Filamentous algae	/	/	/	/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.5	Bankfull width (m)	6.0	Banktop height (m)	2.5
Banktop = Bank full?	Y	Water width (m)	1.6	Banktop = Bank full?	N
Embanked height (m)	0.0	Water depth (m)	0.25	Embanked height (m)	0.0

If traseline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated Unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

	Major			Intermediate			Minor			
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor	
None										
X Weirs							Revetments			
Sluices							Outfalls			
Culverts							Fords			
Bridges							Deflectors			
							Other			

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None	<input checked="" type="checkbox"/>	Dredging	<input type="checkbox"/>	Mowing	<input type="checkbox"/>	Weed-cutting	<input type="checkbox"/>
		Enhancement	<input type="checkbox"/>	Other?	<input type="checkbox"/>		

O FEATURES OF SPECIAL INTEREST

None	<input checked="" type="checkbox"/>
Waterfalls >5m high	<input type="checkbox"/>
Braided/side channels	<input type="checkbox"/>
Artificial open water	<input type="checkbox"/>
Natural open water	<input type="checkbox"/>
Bog	<input type="checkbox"/>
Carriway	<input type="checkbox"/>
Debris dam	<input type="checkbox"/>
Water meadow	<input type="checkbox"/>
Marsh	<input type="checkbox"/>
Fringing reed-bank	<input type="checkbox"/>
Floating mat	<input type="checkbox"/>
Leafy debris	<input type="checkbox"/>
Fen	<input type="checkbox"/>
Flush	<input type="checkbox"/>

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: OVERDEEPENING SILTING

Land Management:

Animals:

Other significant observations:

S ALDERS
Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m) 69 Slope (m/km) 3.3 Flow category (1-10) 1
 BGS Solid geology code 97 BGS Drift geology code 0 Planform category 3
 Distance from source(km) 10 Significant tributary? N Navigation? N
 Height of source(m) 116 Water Quality class 2 RHS Segment type 3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14655

Grid reference: ST 930824 River: RODBOURNE BROOK 254
 Date: 20/09 /1997 Time: 14.00 Surveyor: PH Accred. code: PF11
 Adverse conditions? No Yes
 Bed of river visible? No Part. Entire.
 Duplicate photographs: general character? No Yes
 Surveyed from: Left Right Channel
 SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

shallow vee concave/bowl
 deep vee X symmetrical
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 0
 Pools 2 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen) (WL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)	/	/	Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned	/	/
Vertical + toe			Reinforced - whole bank	/	/
Sp >45	E	E	Reinforced - top only		
Stable	/	/	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left		Right		ASSOCIATED FEATURES		
	None	Present	None	Present	None	Present	E (>33%)
None					Shading of channel		X
Isolated/scattered					Overhanging boughs		X
Regularly spaced, single					Exposed bankside roots	X	
Occasional clumps					Underwater tree roots		X
Semi-continuous					Fallen trees		X
Continuous	X	X			Coarse woody debris		X

K EXTENT OF CHANNEL FEATURES

	None	Present	E		None	Present	E (>33%)
Waterfall(s)	X			Marginal deadwater		X	
Cascade(s)	X			Exposed bedrock	X		
Rapid(s)	X			Exposed boulders	X		
Riffle(s)		X		Unvegetated mid-channel bar(s)	X		
Run(s)	X			Vegetated mid-channel bar(s)	X		
Boil(s)	X			Mature island(s)	X		
Glides(s)			X	Unvegetated side bar(s)		X	
Point(s)		X		Vegetated side bar(s)	X		
Ponded reach(es)		X		Discrete silt deposit(s)	X		
				Discrete sand deposit(s)	X		

Spot check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SC	SC	NO	NO	NO	NO	SC	NO
CHANNEL										
Channel substrate	SI	BE	CO	CO	CO	SI	CO	SI	SI	SI
Flow type	SM	SM	UW	SM	UW	SM	SM	SM	SM	NP
Channel modification(s)	RS	NO	NO	NO	NO	RS	RS	RS	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	PC	NO
Bank feature(s)	SC	NO	NO	NO	NO	SC	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	TH	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	TH	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	S	S	S	S	S	U	S	S	C
LEFT BANK FACE	S	S	S	S	S	S	S	S	S	C
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	C
RIGHT BANK-TOP	S	S	S	S	S	S	C	S	S	C
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	TH	TH	TH	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/	/			/	/	/	/	/	/
Liverworts/mosses/lichens			/	/	/					/
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m) 1.3	Bankfull width (m) *	Banktop height (m) 1.3
Banktop = Bankfull? N	Water width (m) 3.25	Banktop = Bankfull? N
Embanked height (m) 0.0	Water depth (m) *	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 1.0
 Bed material at site is: consolidated unconsolidated unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			I	Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <13% of site >13% of site

N EVIDENCE OF RECENT MANAGEMENT

None Dredging Mowing Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None					
Waterfalls >5m high		Artificial open water		Bog	Fringing reed-bank
Braided/side channels		Natural open water		Can	Floating mat
Debris dam	X	Water meadow		Marsh	Other
Leafy debris	X	Pen		Flush	

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: KINGFISHER
 Other significant observations: Channel seems to be mostly uniform; width and depth suggest widening of channel. Bank is high but shows natural profile. Possibly old reworking.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 61 Slope (m/km) 5 Flow category (1-10) 1
BGS Solid geology code 97 BGS Drift geology code 0 Planform category 2
Distance from source(km) 7 Significant tributary? N Navigation? N
Height of source(m) 110 Water Quality class 2 RHS Segment type 3

Grid reference: ST 936785 River: UN-NAMED TRIB. OF AVON 25
Date: 30/9 /1997 Time: 16.30 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes
Bed of river visible? No Part. X Entire
Duplicate photographs: general character? No Yes X
Surveyed from: Left Right Channel X
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 11 Unvegetated point bar 1
Pools 1 Vegetated point bar 0

Output created by IFE, Wareham on 09/02/1998

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES
LEFT BANK
Material EA EA EA BE EA EA EA EA EA EA
Bank modification(s) NO NO NO NO NO NO NO NO NO NO
Bank feature(s) NO NO EC NO NO NO NO NO NO NO
CHANNEL
Channel substrate PE CL CO BE BE CO G SI CO SI
Flow type SM SM SM SM SM SM NP NP NP NP
Channel modification(s) NO NO NO NO NO NO NO RS RS RS
Channel feature(s) NO NO NO NO NO NO NO NO NO NO
RIGHT BANK
Material EA EA EA EA EA EA EA EA EA EA
Bank modification(s) NO NO NO NO NO NO NO PC NO NO
Bank feature(s) NO NO NO NO NO NO NO NO NO NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) TH BL BL BL SC BL BL BL IG IG
LEFT BANK-TOP S C C S C S S S S S
LEFT BANK FACE S S B B C C S U S B
RIGHT BANK FACE S S S S S U S S S U
RIGHT BANK-TOP U C S C C S S S S C S
LAND USE WITHIN 5m OF BANK TOP (R) TL BL BL BL TH BL BL BL BL BL

G CHANNEL VEGETATION TYPES
NONE / / / / / / / / / /
Liverworts/mosses/lichens / / / / / / / / / /
Emergent broad-leaved herbs / / / / / / / / / /
Emergent reeds/sedges/rushes / / / / / / / / / /
Floating-leaved (rooted) / / / / / / / / / /
Free-floating / / / / / / / / / /
Amphibious / / / / / / / / / /
Submerged broad-leaved / / / / / / / / / /
Submerged linear-leaved / / / / / / / / / /
Submerged fine-leaved / / / / / / / / / /
Filamentous algae / / / / / / / / / /

H LAND USE WITHIN 50m OF BANKTOP
L R L R
Rough pasture (RP) E E
Improved/semi-improved grass (IG) E
Tilled land (TL) E
Wetland (eg bog, marsh, fen) (WL) E
Open water (OW) E
Suburban/urban development (SU) / /
Rock and scree (RS) / /

I BANK PROFILES
L R L R
Artificial/modified L R
Vertical/undercut E E Resectioned
Reinforced - whole bank / / / /
Reinforced - top only E E
Reinforced - toe only / /
Artificial two-stage
Pouched / /
Embanked
Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E (>33%)
Shading of channel - - X
Overhanging boughs - - X
Exposed bankside roots X - -
Underwater tree roots - - X
Fallen trees - - X
Coarse woody debris - - X

K EXTENT OF CHANNEL FEATURES
None Present E None Present E (>33%)
Marginal deadwater - - X
Exposed bedrock - - X
Exposed boulders X - -
Unvegetated mid-channel bar(s) X - -
Vegetated mid-channel bar(s) X - -
Mature island(s) X - -
Unvegetated side bar(s) - - X
Vegetated side bar(s) X - -
Discrete silt deposit(s) X - -
Discrete sand deposit(s) X - -

L CHANNEL DIMENSIONS
LEFT BANK CHANNEL RIGHT BANK
Banktop height (m) 1.4 Bankfull width (m) 3.5 Banktop height (m) 1.7
Banktop = Bankfull? N Water width (m) 2.0 Banktop = Bankfull? N
Embanked height (m) 0.0 Water depth (m) 0.5 Embanked height (m) 0.0
If trashline lower than break in slope, indicate: height above water(m) = 1.1
Bed material at site is: consolidated X unconsolidated unknown
Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES
None Major Intermediate Minor Major Intermediate Minor
Weirs
Sluices
Culverts
Bridges
Revetments
Outfalls
Fords
Deflectors
Other

Is water impounded by weir/dam? No Yes, <33% of site >33% of site X

N EVIDENCE OF RECENT MANAGEMENT
None X Dredging Mowing Weed-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST
None Waterfalls >5m high Artificial open water Bog Fringing reed-bank
Braided/side channels Natural open water Carr Floating mat
Debris dam X Water meadow Marsh Other
Leafy debris X Fen Flush

P CHOKED CHANNEL
Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)
None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts: Land Management: SET ASIDE
Animals:
Other significant observations: Site moved upstream to avoid lake which would have taken up most of section.

S ALDERS
Alders? None X Present Extensive Diseased alders? None X Present Extensive

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	47	Slope (m/km)	2	Flow category (1-10)	1
BGS Solid geology code	99	BGS Drift geology code	0	Planform category	2
Distance from source(km)	7.5	Significant tributary?	N	Navigation?	N
Height of source(m)	88	Water Quality class	2	RHS Segment type	3

C FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14657

Grid reference: ST 954403 River: SUMMERHAM BROOK 256

Date: 29/09 /1997 Time: 12.00 Surveyor: PH Accred. code: PF11

Adverse conditions?	No	X	Yes	-
Bed of river visible?	No	X	Part.	-
Duplicate photographs: general character?	No	-	Yes	X
Surveyed from:	Left	X	Right	-
			Channel	-
SERCON survey in addition?	No	-	Yes	Y

C PREDOMINANT VALLEY FORM

shallow vee	-	-	concave/bowl	-
deep vee	-	X	symmetrical	-
gorge	-	-	asymmetrical	-

Terraced valley? No X Yes -

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
admix/mixed woodland (BL)		/	Rough pasture (RP)		
Uniform plantation (CP)			Improved/semi-improved grass (IG)	E	/
Orchard (OR)			Tilled land (TL)		E
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(W/L)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Reexcavated	E	E
Vertical + toe			Reinforced - whole bank		
Top > 45	/		Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Paunched		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	X	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	X	-
Occasional clumps	-	-	Underwater tree roots	-	X
Semi-continuous	X	-	Fallen trees	X	-
Continuous	-	-	Coarse woody debris	X	-

K EXTENT OF CHANNEL FEATURES

	None	Present E		None	Present E (>33%)
Waterfall(s)	X	-	Marginal dead-water	-	-
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Slide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	X	-	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	NO	RS	RS	RS	RS	RS	RS	RS	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	SI	SI	SI	SI	SI	CL	CL	CL	SI	SI
Flow type	SM	RP	RP	SM	SM	SM	SM	SM	SM	SM
Channel modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	U	S	S	S	S	S	U	S	U
LEFT BANK FACE	U	S	U	S	S	S	U	U	U	U
RIGHT BANK FACE	U	U	U	U	U	U	S	S	U	U
RIGHT BANK-TOP	U	U	U	U	U	U	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	TL	TL	IG	IG	IG	TL	TL	TH	TL	TL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating										
Amphibious								/	/	/
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.8 Bankfull width (m)	Banktop height (m) 1.5
Banktop = Bankfull?	N Water width (m) 0.9	Banktop = Bankfull? N
Embanked height (m)	0.0 Water depth (m) 0.4	Embanked height (m) 0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.5
 Bed material at site is: consolidated - unconsolidated - Unknown -
 Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges			1	Deflectors		
				Other		

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

None X	Dredging -	Mowing -	Weed-cutting -
	Enhancement -	Other? -	

O FEATURES OF SPECIAL INTEREST

None X	Artificial open water -	Bog -	Fringing reed-bank -
Waterfalls >5m high -	Natural open water -	Carr -	Floating mat -
Braided/side channels -	Water meadow -	Marsh -	Other -
Debris dam -	Fen -	Flush -	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)

None - Giant hogweed - Himalayan balsam - Japanese knotweed - Other? P1

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: OVERDEEPENING
 Land Management:
 Animals:
 Other significant observations: Small reexcavated ditch running through scrub
 (form. Bank and channel are overgrown with nettles & brambles.)

S ALDERS

Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)

Altitude(m)	86	Slope (m/km)	2.22	Flow category (1-10)	1
BGS Solid geology code	106	BGS Drift geology code	0	Planform category	1
Distance from source(km)	3.5	Significant tributary?	N	Navigation?	N
Height of source(m)	96	Water Quality class	1	RHS Segment type	3

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed

Reference site number: 14658

Grid reference: ST 97417 River: UN-NAMED TRIB. OF WYLVE 2

Date: 2/1 /1997 Time: 15.10 Surveyor: DS Accred. code: MNS9

Adverse conditions? No Yes

Bed of river visible? No Part. Entire

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

<input checked="" type="checkbox"/>	shallow vee	<input type="checkbox"/>	concave/bowl
<input type="checkbox"/>	deep vee	<input type="checkbox"/>	symmetrical
<input type="checkbox"/>	gorge	<input type="checkbox"/>	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

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H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Alfalfa/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Titled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen/XWL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned	E	E
Vertical/undercut	/	/	Reinforced - whole bank		
Vertical + toe			Reinforced - top only		
Top >45°	E	E	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES			ASSOCIATED FEATURES		
None	Left	Right	Shading of channel	None	Present E (>33%)
Isolated/scattered	X	X	Overhanging boughs	X	-
Regularly spaced, single			Exposed bankside roots	X	-
Occasional clumps			Underwater tree roots	X	-
Semi-continuous			Fallen trees	X	-
Continuous			Course woody debris	X	-

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present	E	Marginal deadwater	None	Present	E (>33%)
Cascade(s)	X	-	-	Exposed bedrock	X	-	-
Rapid(s)	X	-	-	Exposed boulders	X	-	-
Riffle(s)	X	-	-	Unvegetated mid-channel bar(s)	X	-	-
Run(s)	X	-	-	Vegetated mid-channel bar(s)	X	-	-
Boil(s)	X	-	-	Mature island(s)	X	-	-
Glide(s)	X	-	-	Unvegetated side bar(s)	X	-	-
Pool(s)	X	-	-	Vegetated side bar(s)	X	-	-
Ponded reach(es)	X	-	-	Discrete silt deposit(s)	X	-	-
				Discrete sand deposit(s)	X	-	-

Spot check 1 is at: upstream end downstream end

E: PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
--	---	---	---	---	---	---	---	---	---	----

LEFT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	SC	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
Flow type	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	EC	EC	EC	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	U	U	U	U	U	U	U	U	U
LEFT BANK FACE	S	S	S	U	U	U	U	U	U	U
RIGHT BANK FACE	S	B	B	U	U	U	U	U	U	U
RIGHT BANK-TOP	U	U	U	U	U	U	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/	E
Liverworts/mosses/lichens											
Emergent broad-leaved herbs											
Emergent reeds/hedges/rushes											
Floating-leaved (rooted)											
Free-floating											
Amphibious											
Submerged broad-leaved											
Submerged linear-leaved											
Submerged fine-leaved											
Filamentous algae											

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Alfalfa/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Titled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen/XWL)		
Open water (OW)			Open water (OW)		
Suburban/urban development (SU)			Suburban/urban development (SU)		
Rock and scree (RS)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned	E	E
Vertical/undercut	/	/	Reinforced - whole bank		
Vertical + toe			Reinforced - top only		
Top >45°	E	E	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES			ASSOCIATED FEATURES		
None	Left	Right	Shading of channel	None	Present E (>33%)
Isolated/scattered	X	X	Overhanging boughs	X	-
Regularly spaced, single			Exposed bankside roots	X	-
Occasional clumps			Underwater tree roots	X	-
Semi-continuous			Fallen trees	X	-
Continuous			Course woody debris	X	-

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None	Present	E	Marginal deadwater	None	Present	E (>33%)
Cascade(s)	X	-	-	Exposed bedrock	X	-	-
Rapid(s)	X	-	-	Exposed boulders	X	-	-
Riffle(s)	X	-	-	Unvegetated mid-channel bar(s)	X	-	-
Run(s)	X	-	-	Vegetated mid-channel bar(s)	X	-	-
Boil(s)	X	-	-	Mature island(s)	X	-	-
Glide(s)	X	-	-	Unvegetated side bar(s)	X	-	-
Pool(s)	X	-	-	Vegetated side bar(s)	X	-	-
Ponded reach(es)	X	-	-	Discrete silt deposit(s)	X	-	-
				Discrete sand deposit(s)	X	-	-

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	6.0	Banktop height (m)	1.0
Banktop = Bankfull?	Y	Water width (m)	0.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.0	Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.0

Bed material at site is: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M. ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <33% of site >33% of site

N EVIDENCE OF RECENT MANAGEMENT

None <input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>	Weed-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input checked="" type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
Braided/side channels <input type="checkbox"/>	Natural open water <input type="checkbox"/>	Carr <input type="checkbox"/>	Floating mat <input type="checkbox"/>
Debris dam <input type="checkbox"/>	Water meadow <input type="checkbox"/>	Marsh <input type="checkbox"/>	Other <input type="checkbox"/>
Leafy debris <input type="checkbox"/>	Flea <input type="checkbox"/>	Flush <input type="checkbox"/>	

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO YES

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: **Brown hare.**

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

A BACKGROUND MAP-BASED INFORMATION

(See RHS manual for definitions)

Table with 5 columns: Attribute, Value 1, Value 2, Value 3, Value 4. Includes Altitude, BGS Solid geology code, Distance from source, Height of source, Slope, BGS Drift geology code, Significant tributary, Water Quality class, Flow category, Platform category, Navigation, RHS Segment type.

FIELD SURVEY DETAILS

Reference site number: 14659

Grid reference: ST 982678 River: UN-NAMED TRIB. OF AVON 25

Date: 29/9 /1997 Time: 14.30 Surveyor: PH Accred. code: PF11

Adverse conditions? No X Yes

Bed of river visible? No X Part. Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right X Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM

Table with 2 columns: Description, Frequency. Includes shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical.

Terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Table with 2 columns: Feature, Count. Includes Rifles, Unvegetated point bar, Pools, Vegetated point bar.

Output created by IFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Code, L, R, Code, L, R. Includes Broadleaf/mixed woodland, Coniferous plantation, Orchard, Wetland, Open water, Suburban/urban development, Rock and scree.

BANK PROFILES

Table with 6 columns: Profile type, L, R, Profile type, L, R. Includes Natural/unmodified, Vertical/undercut, Vertical + toe, Composite, Artificial/modified, Resectioned, Reinforced, Pouched, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Trees, Left, Right, Associated features. Includes None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature, None, Present, Feature, None, Present. Includes Waterfall(s), Cascade(s), Rapid(s), Rifle(s), Run(s), Boil(s), Glidet(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES

Large grid table for physical attributes. Columns 1-10. Rows include LEFT BANK (Material, Bank modification(s), Bank feature(s)), CHANNEL (Channel substrate, Flow type, Channel modification(s), Channel feature(s)), RIGHT BANK (Material, Bank modification(s), Bank feature(s)).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 12 columns: Code, Code, Code, Code, Code, Code, Code, Code, Code, Code, Code, Code. Includes LAND USE WITHIN 5m OF BANKTOP (L), LEFT BANK-TOP, LEFT BANK FACE, RIGHT BANK FACE, RIGHT BANK-TOP, LAND USE WITHIN 5m OF BANK TOP (R).

G CHANNEL VEGETATION TYPES

Table with 16 columns: Type, L, L, L, L, L, L, L, L, L, L, L, L, L, L, L. Includes NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, Emergent reeds/sedges/rushes, Floating-leaved (rooted), Free-floating, Amphibious, Submerged broad-leaved, Submerged linear-leaved, Submerged fine-leaved, Filamentous algae.

II LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Code, L, R, Code, L, R. Includes Broadleaf/mixed woodland, Coniferous plantation, Orchard, Wetland, Open water, Suburban/urban development, Rock and scree.

BANK PROFILES

Table with 6 columns: Profile type, L, R, Profile type, L, R. Includes Natural/unmodified, Vertical/undercut, Vertical + toe, Composite, Artificial/modified, Resectioned, Reinforced, Pouched, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Trees, Left, Right, Associated features. Includes None, Isolated/scattered, Regularly spaced, Occasional clumps, Semi-continuous, Continuous, Shading of channel, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Coarse woody debris.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: Feature, None, Present, Feature, None, Present. Includes Waterfall(s), Cascade(s), Rapid(s), Rifle(s), Run(s), Boil(s), Glidet(s), Pool(s), Pooled reach(es), Marginal deadwater, Exposed bedrock, Exposed boulders, Unvegetated mid-channel bar(s), Vegetated mid-channel bar(s), Mature island(s), Unvegetated side bar(s), Vegetated side bar(s), Discrete silt deposit(s), Discrete sand deposit(s).

I CHANNEL DIMENSIONS

Table with 3 columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Banktop = Bankfull?, Embankment height(m), Water width(m), Water depth(m), Embanked height(m). Includes note: If trashline lower than break in slope, indicate: height above water(m) = 0.0. Location of measurement is: riffle - run or glide - other -.

M ARTIFICIAL FEATURES

Table with 7 columns: Feature, Major, Intermediate, Minor, Major, Intermediate, Minor. Includes Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other.

Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -

N EVIDENCE OF RECENT MANAGEMENT

Table with 4 columns: None, Dredging, Mowing, Weed-cutting. Includes Enhancement - Other? X.

O FEATURES OF SPECIAL INTEREST

Table with 4 columns: Feature, Feature, Feature, Feature. Includes Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris, Artificial open water, Natural open water, Water meadow, Fern, Bog, Carr, Marsh, Fringing reed-bank, Floating mat, Other.

P CHOKED CHANNEL

Is 33% or more of the channel choked with vegetation? NO X YES

Q NOTABLE NUISANCE PLANTS

None - Giant hogweed - Himalayan balsam - Japanese knotweed - Other? FI

R OVERALL CHARACTERISTICS

Major impacts: Land Management: Animals: Other significant observations:

S ALDERS

Alders? None X Present - Extensive - Diseased alders? None X Present - Extensive -

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)					
Altitude(m)	75	Slope (m/km)	5	Flow category (1-10)	1
BGS Solid geology code	99	BGS Drift geology code	0	Planform category	6
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	117	Water Quality class	0	RHS Segment type	7
FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed					
Reference site number:	14660				

Grid reference: SU 12717 River: ABERD BROOK 159
 Date: 19/9/1997 Time: 11.00 Surveyor: JP Accred. code: MN61

Adverse conditions? No X Yes -
 Bed of river visible? No - Part. X Entire -
 Duplicate photographs: general character? No - Yes X
 Surveyed from: Left - Right X Channel -
 SERCON survey in addition? No - Yes Y

C PREDOMINANT VALLEY FORM	
shallow vee	- concave/bowl
deep vee	X symmetrical
gorge	- asymmetrical
Terraced valley? No X Yes -	

D NUMBER OF RIFFLES, POOLS AND POINT BARS			
Riffles	0	Unvegetated point bar	0
Pools	3	Vegetated point bar	0

Outlet created by IFE, Wareham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP					
Radical/mixed woodland (BL)	L	R	Rough pasture (RP)	L	R
Cultiferous plantation (CP)			Improved/semi-improved grass (IG)		/
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Turbid (SC)			Open water (OW)	/	
Turf herbs (TH)			Suburban/urban development (SU)	E	/
			Rock and scree (RS)		

I BANK PROFILES					
Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Resectioned	/	
Vertical + toe			Reinforced - whole bank		
Top > 45		E	Reinforced - top only		
Stippled			Reinforced - toe only	/	
Composite			Artificial two-stage		
			Poached	-	/
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES					
TREES	None	Left	Right	ASSOCIATED FEATURES	
				None	Present E (>33%)
Isolated/scattered	-	-	-	-	X
Regularly spaced, single	-	-	-	X	-
Occasional clumps	-	-	-	X	-
Semi-continuous	X	X	-	X	-
Continuous	-	-	-	X	-

K EXTENT OF CHANNEL FEATURES					
Waterfall(s)	None X	Present E	Marginal dead-water	None X	Present E (>33%)
Cascade(s)	X	-	Exposed bedrock	X	-
Rapid(s)	X	-	Exposed boulders	X	-
Riffle(s)	X	-	Unvegetated mid-channel bar(s)	X	-
Run(s)	-	X	Vegetated mid-channel bar(s)	X	-
Boil(s)	X	-	Mature island(s)	X	-
Glide(s)	-	-	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Ponded reach(es)	X	-	Discrete silt deposit(s)	X	-
			Discrete sand deposit(s)	X	-

Spot check 1 is at: upstream end - downstream end X

E PHYSICAL ATTRIBUTES											
	1	2	3	4	5	6	7	8	9	10	
LEFT BANK											
Material	CL	CL	CL	EA	CL	CC	CL	CL	CL	CL	
Bank modification(s)	NO	NO	RI	RS	EM	RI	EM	NO	NO	NO	
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
CHANNEL											
Channel substrate	SI	SI	SI	NV	SI	AR	SI	CL	ST	CL	
Flow type	NP	NP	SM	NP	SM	SM	SM	NP	NP	RP	
Channel modification(s)	NO	NO	RI	NK	NO	CV	NO	NO	NO	NO	
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
RIGHT BANK											
Material	CL	EA	CL	EA	CL	CC	CL	CL	CL	CL	
Bank modification(s)	NO	NO	NO	NO	NO	RI	NO	NO	NO	NO	
Bank feature(s)	NO	NO	NO	NO	SC	NO	NO	NO	NO	NO	

F BANKTOP LAND USE AND VEGETATION STRUCTURE											
LAND USE WITHIN 5m OF BANKTOP (L)											
LEFT BANK-TOP	S	S	S	S	B	B	S	S	C	S	
LEFT BANK FACE	S	S	S	S	S	B	S	S	S	B	
RIGHT BANK FACE	S	S	S	S	S	B	S	S	S	C	
RIGHT BANK-TOP	C	S	S	C	S	B	C	U	S	S	
LAND USE WITHIN 5m OF BANK TOP (R)											
	RP	RP	IG	IG	IG	SU	RP	RP	RP	RP	

G CHANNEL VEGETATION TYPES											
NONE	/	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens											/
Emergent broad-leaved herbs	/			/							/
Emergent reeds/sedges/rushes	/			/							/
Floating-leaved (rooted)											
Free-floating											
Amphibious											
Submerged broad-leaved											
Submerged linear-leaved											
Submerged fine-leaved											
Filamentous algae											/

I CHANNEL DIMENSIONS					
LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.5	Bankfull width (m)	2.0	Banktop height (m)	1.7
Banktop = Bankfull?	N	Water width (m)	1.75	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0
If trashline lower than break in slope, indicate: height above water(m) = 0.0					
Bed material at site is: consolidated - unconsolidated - unknown -					
Location of measurement is: riffle - run or glide - other -					

M ARTIFICIAL FEATURES						
None						
Weirs				Revetments		
Sluices				Outfalls	4	
Culverts	1			Fords		
Bridges				Deflectors		
				Other		
Is water impounded by weir/dam? No X Yes, <33% of site - >33% of site -						

N EVIDENCE OF RECENT MANAGEMENT			
None X	Dredging -	Mowing -	Weed-cutting -
	Enhancement -	Other? -	

O FEATURES OF SPECIAL INTEREST				
None				
Waterfalls > 5m high	-	Artificial open water	X	Bog -
Braided/side channels	-	Natural open water	-	Can -
Debris dam	-	Water meadow	-	Marsh -
Leafy debris	X	Fen	-	Flush -
				Fringing reed-bank -
				Floating mat -
				Other -

P CHOKED CHANNEL	
Is 33% or more of the channel choked with vegetation?	NO X YES -

Q NOTABLE NUISANCE PLANTS (Others: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, + more)	
None X	Giant hogweed - Himalayan balsam - Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)	
Major impacts:	LANDFILL QUARRYING ROAD
Land Management:	
Animals:	
Other significant observations:	

S ALDERS	
Alders: None X Present - Extensive -	Diseased alders? None X Present - Extensive -

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