



**Institute of
Freshwater
Ecology**

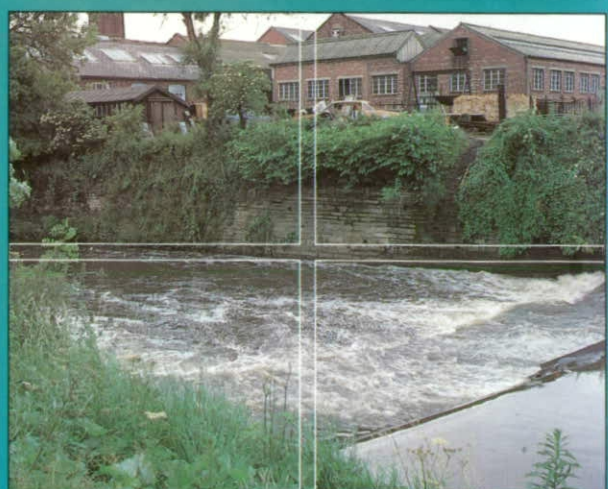
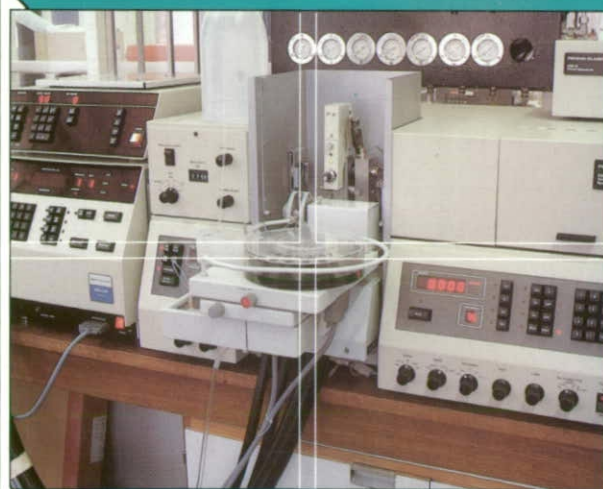
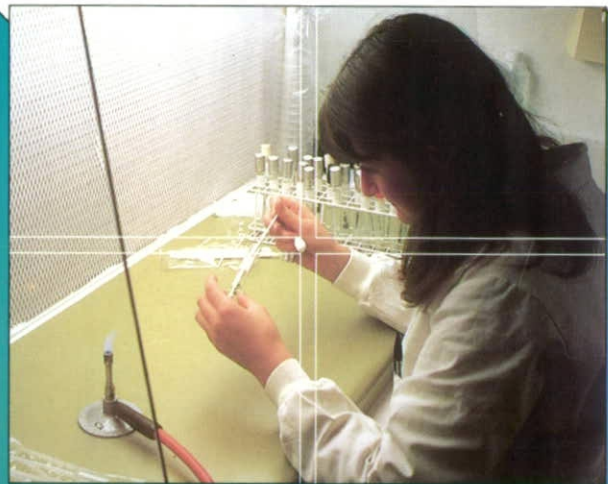
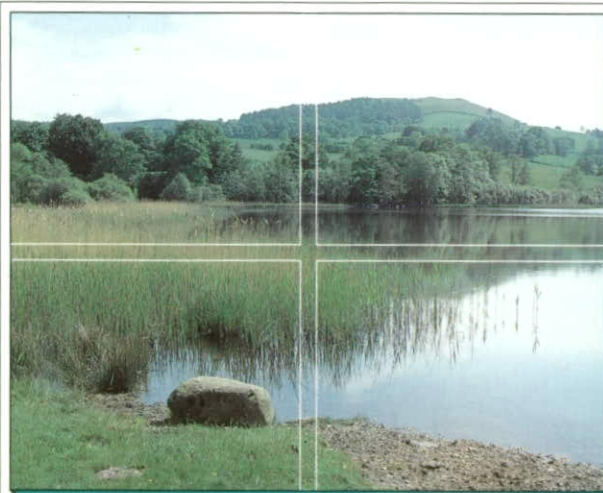
Environment Agency, South West Region River Habitat Survey 1997

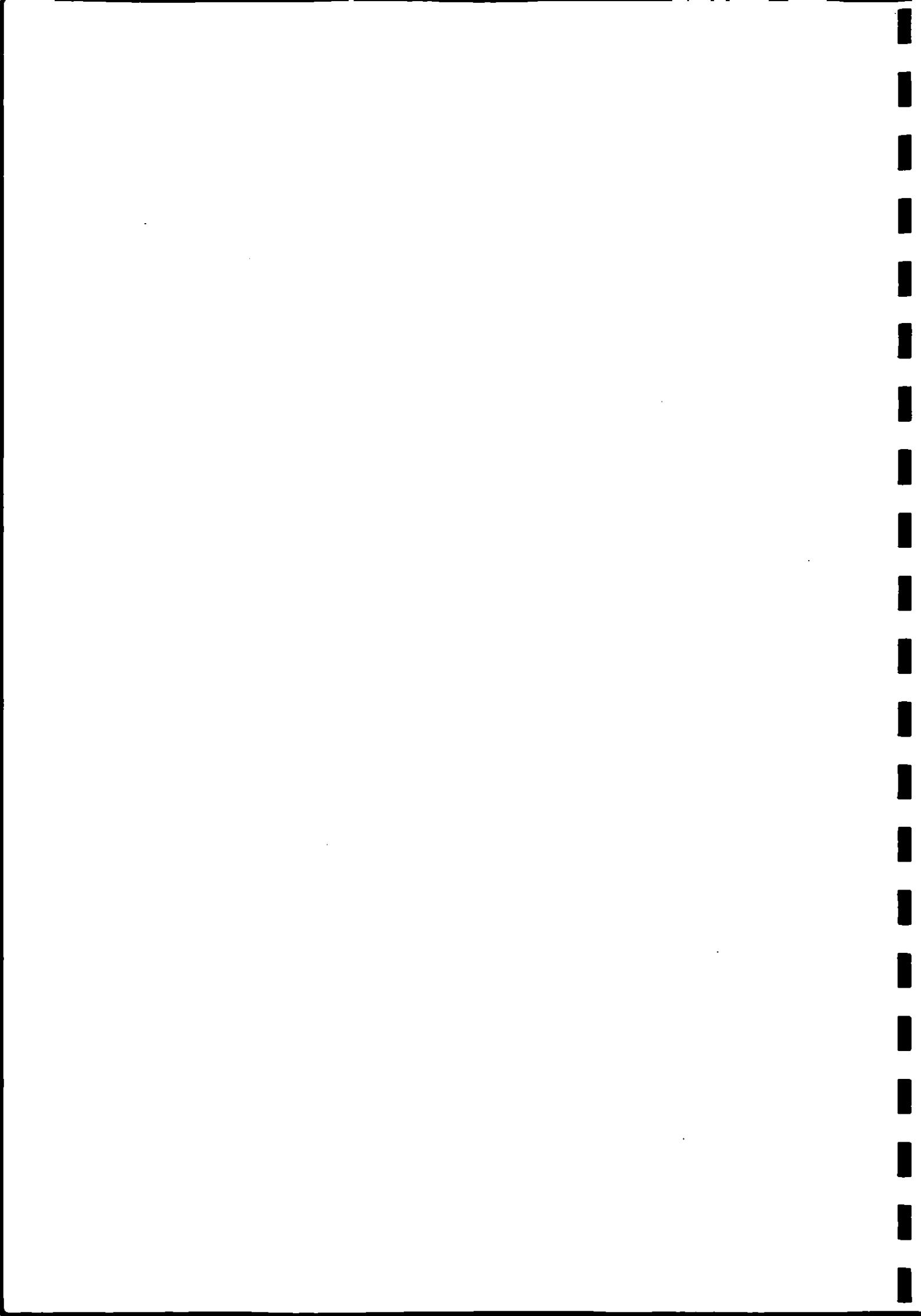
PART 2

**F H Dawson PhD CBiol, P Henville, P M Scarlett MSc,
D Smith BSc, J Pile MSc, L Crowhurst MSc, M J Gravelle MSc
N Knights MSc, C L R Shirley BSc, D Collier BSc,
Z Randle BSc, D C Moorhouse BSc**

Report to:
EA SW Contract No:
CEH Project No:
IFE Report Reference No:

Environment Agency, South West Region
SWCON122
T04073H4
RL/T04073H4/14







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Environment Agency, South West Region
River Habitat Survey 1997 *PART 2*

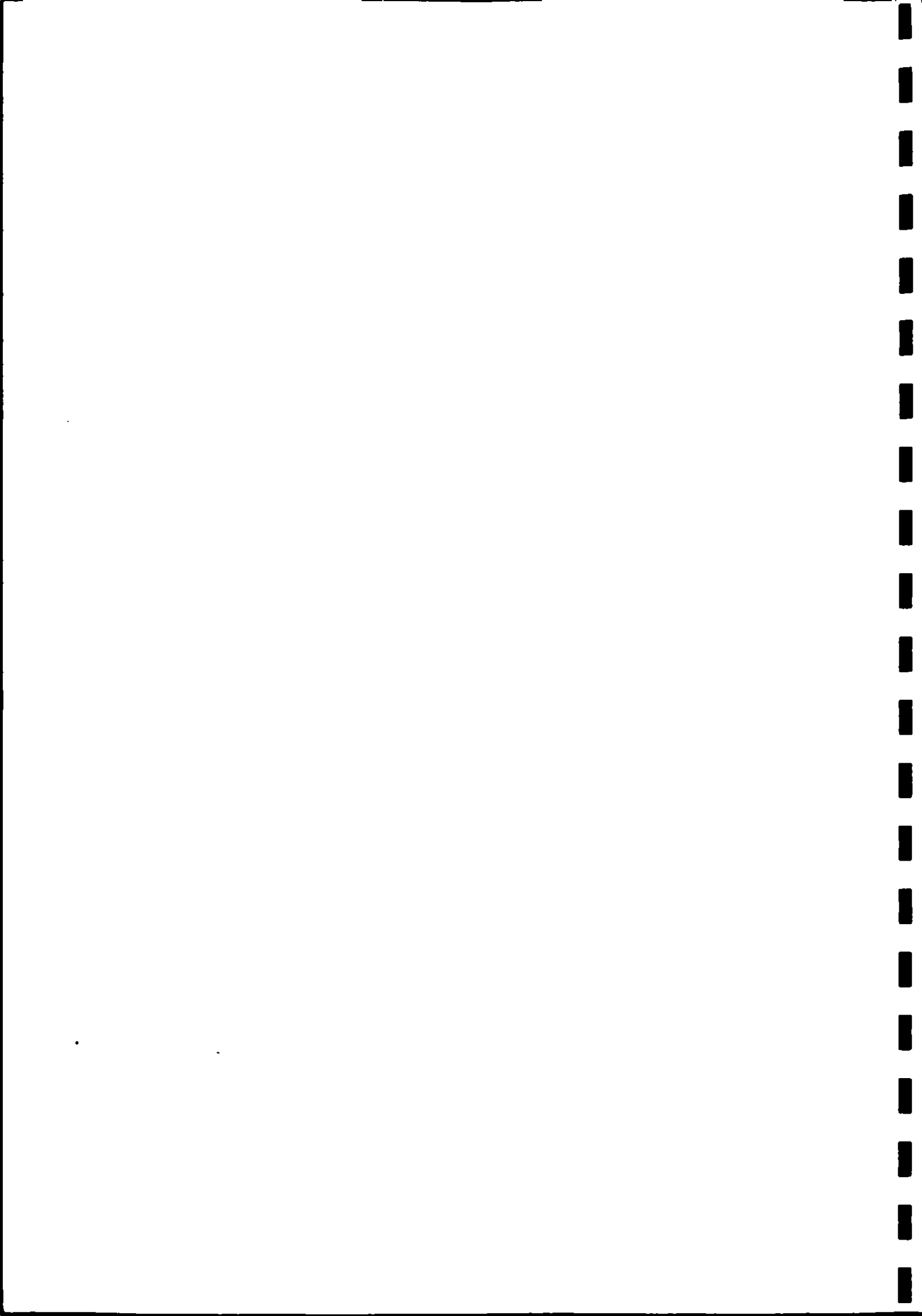
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Project Leader: F H Dawson
Report Date: February 1998
Report to: Environment Agency, South West Region
EA SW Contract No: SWCON122
CEH Project No: T04073H4
IFE Report Reference No: RL/T04073H4/14

due to the number of sites
as per list of sites

**Centre for
Ecology &
Hydrology** Institute of Freshwater Ecology
Institute of Hydrology
Institute of Terrestrial Ecology
Institute of Virology & Environmental Microbiology

Natural Environment Research Council



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

Altitude(m)	86	Slope (m/km)	2.5	Flow category (1-10)	1
BGS Solid geology code	97	BGS Drift geology code	0	Planform category	3
Distance from source(km)	5.5	Significant tributary?	N	Navigation?	N
Height of source(m)	111	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: 14661

Grid reference: SU 18852 River: WOODBRIDGE BROOK 260

Date: 30/9 /1997 Time: 12.00 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

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 JFE, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

adical/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)		
Herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Reconciled	E	E
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	-	-	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	CL	EA	EA	EA	EA
Bank modification(s)	RS	NO	NO	RS	RS	NO	RS	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	SI	SI	SI	CL	CL	CL	SI	CL	SI	CL
Flow type	NO	NO	NO	NP	NO	NP	NO	NP	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	CL	EA	EA	EA	EA
Bank modification(s)	RS	NO	NO	RS	RS	NO	RS	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	TH	BL	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	C	S	C	C	C	C	S	U	U	S
LEFT BANK FACE	S	S	S	S	B	B	B	U	S	S
RIGHT BANK FACE	U	B	U	S	U	S	S	S	S	S
RIGHT BANK-TOP	S	C	S	C	S	S	C	C	C	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	BL	SC	IG	IG	SC	RP	SC	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										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.0	Bankfull width (m)	4.0	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 Xunknown

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	-
Braided/side channels	-	Natural open water	-	Carr	-
Debris dam	X	Water meadow	-	Marsh	-
Leafy debris	X	Fen	-	Flush	-
				Fringing reed-bank	-
				Floating mat	-

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 OVERDEEPENING

Land Management:

Animals:

Other significant observations: Stream has become this way since 1940 when cleared by P.O.W.A. Dry with few ponded areas.

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)	9.5	Flow category (1-10)	1
BGS Solid geology code	97	BGS Drift geology code	0	Planform category	2
Distance from source(km)	1.5	Significant tributary?	N	Navigation?	N
Height of source(m)	139	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: 14662

Grid reference: SU 16797 River: UN-NAMED TRIB. OF BRINKWO

Date: 1997/1997 Time: 14.30 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	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
Woodland/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)	E	E
Wetland/health (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
Natural/unmodified					
Vertical/undercut	/		Re-sectioned	E	E
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	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	-	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	CL	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	NO	NO	NO	NO	NO	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	G	G	SA	G	G	G	G	G	G	G
Flow type	RP	RP	SM	RP	SM	SM	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	NO	NO	NO	NO

RIGHT BANK

Material	CL	CL	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	NO	NO	NO	NO	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	U	U	U	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	U	U	S	U	C	C	U	S	U	U
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	/	/	/							/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.2	Bankfull width (m)	1.5	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	0.75	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	1			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"/>	Wood-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 checked="" type="checkbox"/>
Braided/side channels	<input type="checkbox"/>	Natural open water	<input type="checkbox"/>	Carr	<input type="checkbox"/>	Floating mat	<input type="checkbox"/>
Debris dams	<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, 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: Part of aircraft covering channel.

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).

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

Reference site number: 14663

Grid reference: SU 62811 River: BRINKWORTH BROOK 262

Date: 30/9 /1997 Time: 9.00 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 Y

C PREDOMINANT VALLEY FORM

Table with 2 columns: Valley form, Frequency. Includes shallow vee, deep vee, gorge.

Terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Table with 2 columns: Feature, Count. Includes Rifles (2), 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 with 4 columns: Land use type, L, R, L, R. Includes woodland/mixed woodland (BL), Rough pasture (RP), Improved/semi-improved grass (IG), etc.

BANK PROFILES

Table with 4 columns: Profile type, L, R, L, R. Includes Natural/modified, Vertical/undercut, Reinforced - whole bank, etc.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Tree extent, Associated features, None, Present E (>33%). Includes Shading of channel, Overhanging boughs, etc.

K EXTENT OF CHANNEL FEATURES

Table with 4 columns: Channel feature, None, Present E, None, Present E (>33%). Includes Waterfall(s), Cascade(s), Rapid(s), etc.

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and 4 rows: LEFT BANK, CHANNEL, RIGHT BANK. Includes Material, Bank modification(s), Channel substrate, etc.

Table with 10 columns (1-10) and 4 rows: RIGHT BANK. Includes Material, Bank modification(s), Bank feature(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, etc.

G CHANNEL VEGETATION TYPES

Table with 10 columns (1-10) and 11 rows: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, etc.

L CHANNEL DIMENSIONS

Table with 4 columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Bankfull width(m), Water width(m), etc.

M ARTIFICIAL FEATURES

Table with 4 columns: Major, Intermediate, Minor. Includes 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

Table with 4 columns: Dredging, Mowing, Weed-cutting, Enhancement, Other?

O FEATURES OF SPECIAL INTEREST

Table with 4 columns: Waterfalls >5m high, Artificial open water, Bog, Fringing reed-bank, 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 = bramble, > more)

None X Giant bogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: Land Management: SET ASIDE Animals: Other significant observations: Re-sectioned stream through scrub and pasture.

Erosion on banks on some areas of bank. Rehabilitating. Substrate below 10 becoming GP.

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)	118	Slope (m/m)	16.7	Flow category (1-10)	1
BGS Solid geology code	99	BGS Drift geology code	0	Planform category	6
Distance from source(km)	1	Significant tributary?	N	Navigation?	N
Height of source(m)	189	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: 14664

Grid reference: SU 105800 River: UN-NAMED TRIB. OF BRINKWO

Date: 30/9 /1997 Time: 10.45 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

H LAND USE WITHIN 50m OF BANKTOP

Woodland/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)	
Tall herbs (TH)	/	Suburban/urban development (SU)	
		Rock and scree (RS)	

I BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Resectioned	E	E
Vertical + toe			Reinforced - whole bank		
p > 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		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

Channel Features		Extent	
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
Point(s)	X	Vegetated side bar(s)	X
Poached 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	RS	RS	RS	NO	NO	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	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	RS	NO	NO	NO	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	C	S	C	C	C	C	U	U	C
LEFT BANK FACE	U	S	S	S	S	S	B	U	U	S
RIGHT BANK FACE	U	S	S	S	S	S	U	S	B	U
RIGHT BANK-TOP	U	C	S	C	S	S	S	C	C	U
LAND USE WITHIN 5m OF BANK TOP (R)	TL	TL	TL	BL	BL	BL	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										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.6	Bankfull width (m)	1.0	Banktop height (m)	0.8
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
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: Dry watercourse substrate earth (S1) Blackthorn
Hazel Ash fern dense shade over the river channel. Nice corridor in the farm land.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	108	Slope (m/km)	4	Flow category (1-10)	1
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	3
Distance from source(km)	3.5	Significant tributary?	N	Navigation?	N
Height of source(m)	130	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: 14665

Grid reference: SU 112591 River: UN-NAMED TRIB. OF AVON 26

Date: 17/9 /1997 Time: 0.00 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	-	concave/bowl	
- deep vee	-	symmetrical	
- gorge	X	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

H LAND USE WITHIN 50m OF BANKTOP

Radical/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)	
Luh (SC)			Open water (OW)	/
Herbs (TH)	E	/	Suburban/urban development (SU)	/
			Rock and scree (RS)	

BANK PROFILES

Vertical/unmodified	L	R	Artificial/unmodified	L	R
Vertical/undercut	E	E	Reinforced		
Vertical + toe			Reinforced - whole bank	/	
Top >45	/		Reinforced - top only		
Composite			Reinforced - toe only		
			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	-	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

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	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	SI	SI	SI	G	G	SI	SI	G	SI	SI
Flow type	SM	SM	SM	SM	SM	SM	RP	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

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

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/				NV		
Liverworts/mosses/lichens								/		/
Emergent broad-leaved herbs					/				/	/
Emergent reeds/beds/grasses						/				/
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)	3.0	Banktop height (m)
Banktop - Bankfull?	N	Water width (m)	2.0	Banktop - Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)

If baseline 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		
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	Waterfalls >5m high	Artificial open water	X	Bog	Fripping 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 = chandelion, 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 MAP-BASED INFORMATION (See RHS manual for definitions)

Ahead(m)	102	Slope (m/A)	2.5	Flow category (1-10)	2
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	3
Distance from source(km)	7	Significant tributary?	N	Navigation?	N
Height of source(m)	132	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: 14666

Grid reference: SU 143588 River: AVON 265

Date: 16/09 /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

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 3

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

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Salix/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)		
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	E	E	Resectioned		
Vertical + line			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	-	-	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 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	PC	PC	NO	NO
Bank feature(s)	EC	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	SA	P	G	GP	G	G	GP	SA	GP
Flow type	SM	SM	SM	SM	SM	SM	SM	UW	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	SC	NO	NO	NO	EC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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	/	/	/	/	/	/	/	/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.5	Bankfull width (m)	8.0	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	6.0	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
Weirs				Revetments		
Sluices				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 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)

Table with 5 columns: Attribute, Value, 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: 14667

Grid reference: SU 171614 River: AVON 266

Date: 17/09/1997 Time: 15.30 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

Table with 2 columns: Form, 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 2 columns: Feature, Count. Includes 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) 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 TH, RP, BL.

G CHANNEL VEGETATION TYPES

Table for Channel Vegetation Types with columns for various vegetation types.

II LAND USE WITHIN 50m OF BANKTOP

Table for Land Use within 50m of Banktop with columns L, R.

BANK PROFILES

Table for Bank Profiles with columns L, R and descriptions of bank types.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table for Extent of Trees and Associated Features with columns Left, Right, None, Present E (>33%).

K EXTENT OF CHANNEL FEATURES

Table for Extent of Channel Features with columns None, Present E (>33%).

I CHANNEL DIMENSIONS

Table for Channel Dimensions with columns LEFT BANK, CHANNEL, RIGHT BANK.

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 for Artificial Features with columns 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

Table for Features of Special Interest with columns for various features.

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 = broomrape, 6 = moss)

None Giant hogweed Himalayan balsam X 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)	123	Slope (m/km)	6.67	Flow category (1-10)	1
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	2
Distance from source(km)	1.5	Significant tributary?	N	Navigation?	N
Height of source(m)	132	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: 14668

Grid reference: SU 192602 River: AVON 267

Date: 17/09 /1997 Time: 11.15 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

Woodland/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)			Suburban/urban development (SU)		
Open water (OW)			Rock and scree (RS)		

BANK PROFILES

Bar/unmodified	L	R	Artificial/modified	L	R
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		
			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)	X		Marginal deadwater	X		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	RS	RS	RS	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	SI	SI	SI	SI	SI	NV	SI	SI	SI	SI
Flow type	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel modification(s)	NO	RS	RS	RS	NO	NO	RS	NO	NO	NO
Channel feature(s)	NO	NO	NO	MI	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	RS	RS	RS	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 3m OF BANKTOP (L)	BL	IG	IG	TH	BL	BL	BL	BL	BL
LEFT BANK-TOP	S	U	S	S	S	S	S	S	S
LEFT BANK FACE	S	B	S	S	S	S	S	S	S
RIGHT BANK FACE	S	B	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	U	U	U	S	S	S	S	S
LAND USE WITHIN 3m OF BANK TOP (R)	SU	IG	IG	TH	BL	BL	TH	BL	BL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	/	/	E	E	E	E	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)	Bankfull width (m)	Banktop height (m)
0.4	0.5	0.4
Banktop = Bankfull?	Water width (m)	Banktop = Bankfull?
Y	0.0	Y
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.0	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	2			Outfalls		
Culverts	1			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		Flash
				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: DROUGHT

Land Management:

Animals:

Other significant observations: The river was dry - apparently the springs which supply it have dried up.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	85	Slope (m/km)	4.5	Flow category (1-10)	1
BGS Solid geology code	106	BGS Drift geology code	6	Planform category	2
Distance from source(km)	19.5	Significant tributary?	N	Navigation?	N
Height of source(m)	132	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: 14669

Grid reference: SU 151486 River: AVON 248
 Date: 22/1/1997 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	<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, Warcham on 09/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Callow/mixed woodland (BL)	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)	/	/

I 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		ASSOCIATED FEATURES	
None		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	Underwater tree roots	X
Continuous	X	Fallen trees	X
		Coarse woody debris	X

K EXTENT OF CHANNEL FEATURES

Waterfall(s)	None X	Present E	Marginal deadwater	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	
Runs	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	G	G	G	G	G	G	G	NV	P	G
Flow type	SM	SM	SM	SM	SM	SM	SM	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)	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	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)	BL	BL	BL	BL	RP	RP	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 fine-leaved	/	/	/	/	/	/	/	/	/	/
Submerged fine-leaved	/	E	/	/	/	/	/	E	E	/
Filamentous algae	/	E	E	E	E	E	E	E	E	E

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.0	Bankfull width(m)	15.0	Banktop height(m)	1.2
Banktop = Bankfull?	Y	Water width(m)	14.0	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	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	Wood-cutting
			X
	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: ROAD
 Land Management:
 Animals: DRAGON/DAMSEL/FLIES
 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)	145	Slope (m/km)	3.35	Flow category (1-10)	3
BGS Solid geology code	106	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	155	Water Quality class	0	RHS Segment type	1

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

Reference site number: 14670

Grid reference: SU 237574 River: BOURNE 269
 Date: 7/11 /1997 Time: 11.15 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

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

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
radiata/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)		
Sub (SC)			Open water (OW)		
Terrace 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		
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	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	-	Major 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)	RS	RS	RS	RS	RS	RS	RS	NO	RS	NO
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)	RS	RS	RS	RS	RS	RS	RS	NO	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	NO	RS	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)	TL	TL	TL	TL	TL	IG	IG	RP	TH	TL
LEFT BANK-TOP	U	U	U	U	U	U	U	S	U	U
LEFT BANK FACE	U	U	U	U	U	U	U	S	S	S
RIGHT BANK FACE	U	U	U	U	U	U	U	S	S	U
RIGHT BANK-TOP	U	U	U	U	U	U	U	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	TH	TH	TH

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)	2.0	Banktop height (m)	1.05
Banktop = Bankfull?	*	Water width (m)	0.0	Banktop = Bankfull?	*
Embanked height (m)	0.0	Water depth (m)	0.0	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
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"/>	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 = buckthorn, 4 = ground elder, 5 = brambles, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS

(Comments may have been paraphrased!)
 Major impacts: DROUGHT OVERDEEPENING
 Land Management:
 Animals:
 Other significant observations: Dry winterbourne choked with grasses & nettles.
 Silt substrate = earth. Appears to have been dry for several seasons. Channel recovering in lower section. Site moved due to access difficulty.

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? 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: 14671

Grid reference: * 0 River: DELETED 270
 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
Salix/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)			Suburban/urban development (SU)		
Herbs (TH)			Rock and scree (RS)		

BANK PROFILES

	L	R		L	R
Natural/unmodified			Artificial/modified		
Vertical/undercut			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 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)		
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						
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
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 -

1997 RIVER HABITAT SURVEY page 1 of 4 14672

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

Altitude(m) 58 Slope (m/km) 5 Flow category (1-10) 1
 BGS Solid geology code 106 BGS Drift geology code 0 Platform category 3
 Distance from source(km) 7 Significant tributary? N Navigation? N
 Height of source(m) 116 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: 14672

Grid reference: SY 806958 River: BERE STREAM 27B
 Date: 5/11/1997 Time: 12.00 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 1 Unvegetated point bar 0
 Pools 0 Vegetated point bar 0

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

E. NO. 14672 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14672

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)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Artificial/modified		
Vertical undercut	/	/	Resectioned	/	/
Vertical + toe			Reinforced - whole bank		
Toe > 45	E	E	Reinforced - top only		
Toe	E	/	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/cattered	-	-	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	-
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 14672

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	GS	EA	EA	EA
Bank modification(s)	NO	PC	PC	PC	NO	NO	PC	NO	NO	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	SI	G	SI	G	G	SI	SI	SI	SI
Flow type	RP	SM	RP	SM	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	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RS	NO	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs	/	E	E	E	E	E	/	/	/	E
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 14672

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.5	Bankfull width (m) 2.25	Banktop height (m) 0.8
Banktop = Bankfull?	Y	Water width (m) 1.75	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) = 0.5
 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		
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

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 = brambles, + more)

None 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: Small section with extensive *Alnus* upper part appears reseeded; small chalk stream.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	3	Slope (m/km)	1.8	Flow category (1-10)	4
BGS Solid geology code	109	BGS Drill geology code	0	Planform category	3
Distance from source(km)	31	Significant tributary?	N	Navigation?	N
Height of source(m)	129	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14673

Grid reference: SY 914877 River: PIDDLE 280

Date: 8/09 /1997 Time: 14.35 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 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

D NUMBER OF RIFFLES, POOLS AND POINT BARS

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

Output created by IFE, Warrham 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
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)				

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Reassembled		
Vertical + toe			Reinforced - whole bank	/	/
Step >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	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

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	EM	PC	EM	EM	NO	NO	NO	EM	EM
Bank feature(s)	NO	NO	NO	NO	NO	VS	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	G	G	G	GP	GP	G	ST	GP
Flow type	SM	SM	SM	SM	RP	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	BR	EA	EA	EA
Bank modification(s)	NO	NO	NO	EM	NO	NO	RI	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	SU	IG	IG	IG
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	IG	SU	IG	IG	IG
LEFT BANK-TOP	S	U	U	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	B	S	S	S	S
RIGHT BANK-TOP	U	U	U	U	U	U	S	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	SU	TH	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			/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.9	Bankfull width (m)	17.0	Banktop height (m)	0.9
Banktop = Bankfull?	*	Water width (m)	15.0	Banktop = Bankfull?	*
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				Revetments		
Sluices	1			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	-
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: 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)	36	Slope (m/km)	3.33	Flow category (1-10)	1
BGS Solid geology code	106	BGS Drift geology code	0	Planform category	2
Distance from source(km)	15	Significant tributary?	Y	Navigation?	N
Height of source(m)	109	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: 14674

Grid reference: SY 911983 River: WINTERBOURNE 281

Date: 8/09 /1997 Time: 13.00 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 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

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)		
Orchard (OR)			Tilled land (TL)	E	E
Wetland/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)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified			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		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	
Grate(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	GS	GS	EA	GS	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	NO	RS	RS	NO	NO	NO	RS
Bank feature(s)	NO	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)	RS	RS	RS	NO	RS	RS	NO	RS	RS	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	GS	EA	EA	EA	EA	EA	GS	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

	SU	SU	TH	TL	TL	TL	TL	TL	TL	TL
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)	TL	TL	TL	TL	TL	TL	TL	TL	TL	TL

G CHANNEL VEGETATION TYPES

	E	E	/	/	/	/	/	/	/	/
NONE										
Liverworts/mosses/lichens										/
Emergent broad-leaved herbs	E	E	/	/	/	/	/	/	/	/
Emergent reeds/scirps/rushes			E	/	E	/	E	E	E	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)	0.66	Bankfull width (m)	8.0	Banktop height (m)	0.6
Banktop = Bankfull?	Y	Water width (m)	1.5	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 Xunk now

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	<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"/>		<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"/>		<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 = mare's tail)

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 winterbourne much Ph. sp.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	77	Slope (m/km)	1.81	Flow category (1-10)	4
BGS Solid geology code	101	BGS Drift geology code	0	Planform category	3
Distance from source(km)	16.5	Significant tributary?	N	Navigation?	N
Height of source(m)	65	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: 14675

Grid reference: ST 992305 River: NADDER 283
Date: 24/1/1997 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	1	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)	/		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	/	/	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	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	-
Riffles	-	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	EA	EA
Bank modification(s)	NO	PC	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	EC	NO	NO	SC	NO	NO	NO	NO	NO	EC

	P	P	P	P	P	P	P	NV	P	P
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	NV	P	P
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

	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	SC	NO	EC	NO	SC	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)										
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	B	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	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										

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	/	/	/	E	E	E			E	E
Submerged linear-leaved	/	/	/						/	/
Submerged fine-leaved	/	/	E	/	/	/	/	E	E	E
Filamentous algae	/	/	/					/	/	/

I. CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.8	Bankfull width (m)	11.0
Banktop = Bankfull?	N	Water width (m)	7.0
Embanked height (m)	0.0	Water depth (m)	0.25
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 Xunknown
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"/>	Wood-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"/>
Braided/side channels	<input type="checkbox"/>	Natural open water	<input type="checkbox"/>	Carr	<input type="checkbox"/>
Debris dam	<input type="checkbox"/>	Water meadow	<input type="checkbox"/>	Marsh	<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: FISHERIES MANAGEMENT
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) 40 Slope (m/km) 2.6 Flow category (1-10) 1
 BGS Solid geology code 106 BGS Drift geology code 0 Platform category 2
 Distance from source(km) 6 Significant tributary? N Navigation? N
 Height of source(m) 68 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: 14676

Grid reference: ST 995089 River: UN-NAMED TRIB. OF ALLEN 2

Date: 9/09 /1997 Time: 13:30 Surveyor: MG Accred. code: PF65

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, Wareham on 09/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/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)		
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			Resectioned	E	E
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	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	GS	EA	EA	EA	GS	NV	NV	EA
Bank modification(s)	NO	NO	NO	NO	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NV	NV	NV
CHANNEL										
Channel substrate	G	SI	SI	G	G	G	NV	NV	NV	NV
Flow type	NP	NP	NP	NO	NO	NO	NO	NO	NO	NO
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NK	NK	NK
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NV	NV	NV
RIGHT BANK										
Material	EA	EA	GS	EA	GS	GS	NV	NV	NV	NV
Bank modification(s)	NO	NO	NO	NO	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NV	NV	NV
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
	TH	TL	BL	TH	TL	TL	TL	TL	TL	TL
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	S	S	S	U	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	U	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										
	IG	IG	IG	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										
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.2	Bankfull width (m) 5.5	Banktop height (m) 0.75
Banktop = Bankfull?	Y	Water width (m) 4.5	Banktop = Bankfull? N
Embanked height (m)	0.0	Water depth (m) 0.35	Embanked height (m) 0.6

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	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs			I	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 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 X

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:
 Animals:
 Other significant observations: Partly reconstructed dry stream for majority of length. Input of water just below D/S end. Contributes to pool reaches.

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)	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: 14677

Grid reference: * 0 River: DELETED 287

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 ITE, 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)		
Martland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Woods (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		
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	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										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP										
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										

I. 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 Weirs				Revetments		
Stakes				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	Flomb			

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 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)	0	Slope (m/km)	0	Flow category (1-10)	0
BGS Solid geology code	0	BGS Drift geology code	0	Platform 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: 14678

Grid reference: * 0 River: DELETED 289

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
Grass/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
Artificial/modified			Artificial/modified		
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank		
Reinforced - top only			Reinforced - top only		
Reinforced - toe only			Reinforced - toe only		
Artificial two-stage			Artificial two-stage		
Poached			Poached		
Embanked			Embanked		
Set-back embankments			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)	-	-
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										

I 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 trashed 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		
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	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	

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, 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:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	24	Slope (m/km)	3.33	Flow category (1-10)	1
BGS Solid geology code	108	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4.5	Significant tributary?	N	Navigation?	N
Height of source(m)	48	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: 14679

Grid reference: SU 45024 River: UDDENS WATER 290

Date: 9/9 /1997 Time: 10.20 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

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

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	2	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
Sadler/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					
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 (>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	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	NO	NO	NO	NO	SC	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	G	G	P	SI	G	NV	SI	G
Flow type	NP	NP	RP	SM	UW	SM	SM	SM	SM	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	MB	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	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	NO	NO	EC	PB	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	S	S
LEFT BANK FACE	S	S	S	B	S	U	U	B	S	U
RIGHT BANK FACE	S	S	S	U	B	B	U	U	S	B
RIGHT BANK-TOP	S	B	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANKTOP (R)										
RIGHT BANK-TOP	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										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.9	Bankfull width (m)	4.0	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	4.0	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) = 0.6

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 Dragging - 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	X	Marsh	-	Other	-
Debris dam	X	Fcn	-	Flush	-		-
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 - Giant hogweed - Himalayan balsam X Japanese knotweed - Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals:

Other significant observations: Murky stream running through BA wood plantation.

banks over-run by Rhododendron Laurel & Birch.

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)	58	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	107	BGS Drift geology code	0	Platform category	2
Distance from source(km)	1	Significant tributary?	N	Navigation?	N
Height of source(m)	70	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: 14680

Grid reference: SU 53102 River: UN-NAMED TRIB. OF MOORS R.

Date: 0 /1997 Time: 11.10 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

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	0	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 downstream end X

E PHYSICAL ATTRIBUTES

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

CHANNEL										
Channel substrate	G	G	G	G	G	G	CL	G	NV	CL
Flow type	NP	NP	NP	NO	NO	NO	NO	NO	NO	NO
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NK	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	NV	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NK	NO
Bank feature(s)	NO	PB	NO	NO	SC	SC	NO	NO	NV	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens			/							
Emergent broad-leaved herbs									E	/
Emergent reeds/sedges/rushes									E	/
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
Badland/mixed woodland (BL)	E	E	Rough pasture (RP)	/	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	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

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/			
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 E (>33%)
None	-	-	Shading of channel	-	X
Isolated/scattered	-	-	Overhanging boughs	-	X
Regularly spaced, single	-	-	Exposed bankside roots	-	X
Occasional clumps	-	-	Underwater tree matts	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	-

I. CHANNEL DIMENSIONS

	CHANNEL		RIGHT BANK	
LEFT BANK				
Banktop height(m)	0.75	Bank/full width (m)	1.5	Banktop height (m)
Banktop = Bankfull?	N	Water width (m)	1.5	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.02	Embanked height (m)

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

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	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 X 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	X
Debris dam	-	Water meadow	-	Marsh	X
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 = rhododendrons, 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: DAM

Land Management:

Animals:

Other significant observations:

S ALDERS

Alders? None X Present Extensive Dissected alders? None X Present Extensive

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

Altitude(m)	6	Slope (m/km)	6.6	Flow category (1-10)	1
BGS Solid geology code	109	BGS Drift geology code	0	Platform category	6
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	50	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: 14681

Grid reference: SZ 71919 River: UN-NAMED 292

Date: 10/09 /1997 Time: 12.15 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

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

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	BR	EA	BR	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	SC	NO	SC	NO	NO	SC	NO	NO	NO	SC
CHANNEL										
Channel substrate	G	G	G	G	G	P	G	G	G	G
Flow type	SM	SM	SM	SM	SM	NP	RP	SM	RP	SM
Channel modification(s)	RS	RS	RS	RS	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	BR	EA	EA	EA	BR	BR	EA	EA	BR
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	SC	NO	SC	NO	NO	NO	NO	SC	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
LEFT BANK-TOP	U	U	U	U	U	S	S	U	U	S
LEFT BANK FACE	S	B	S	B	U	S	B	S	S	S
RIGHT BANK FACE	S	B	S	S	U	B	B	S	S	B
RIGHT BANK-TOP	U	U	U	U	S	S	S	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	SC	SC	SC	RP	RP	TH	RP	RP	RP

G CHANNEL VEGETATION TYPES

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

H LAND USE WITHIN 50m OF BANKTOP

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

I 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	X	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)	0.6	Bankfull width (m)	1.6	Banktop height (m)	0.6
Banktop = Bankfull?	Y	Water width (m)	1.6	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 unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	3			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	X	Weed-cutting	
	Enhancement	Other?	X		

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 = sycamore)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts: LITTER
 Land Management: PARKLAND
 Animals:
 Other significant observations: Tree surgery evidence of recent management.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14682

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

Altitude(m) 9 Slope (m/km) 0 Flow category (1-10) 7
 BGS Solid geology code 109 BGS Drift geology code 6 Platform category 2
 Distance from source(km) 84 Significant tributary? N Navigation? N
 Height of source(m) 98 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: 14682

Grid reference: SZ 95960 River: STOUR 293

Date: 27/1/1997 Time: 14.00 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

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 LFE, Warcham on 09/02/1998

E.N.O. 14682 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14682

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Arable/mixed woodland (BL)			E		
Coniferous plantation (CP)					E
Orchard (OR)					
Woodland/heath (WH)					
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		
>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

	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	
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)	
Proved reach(es)	X		Discrete silt deposit(s)	X
			Discrete sand deposit(s)	X

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14682

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	GP	GP	NV	NV	NV	NV	NV	NV	GP
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

	EA	EA	EA	EA	EA	WP	EA	EA	WP	EA
Material	EA	EA	EA	EA	EA	WP	EA	EA	WP	EA
Bank modification(s)	NO	RI	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	VS	NO	NV	NO	NO	NO	EC	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	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	B	B	S	B	S
RIGHT BANK-TOP	B	B	B	B	B	B	B	B	B	B
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	SU	SU	SU	SU	SU	SU	SU	SU

G CHANNEL VEGETATION TYPES

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

1997 RIVER HABITAT SURVEY page 4 of 4 14682

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	2.0	Bankfull width (m) 24.0	Banktop height (m) 2.0
Banktop = Bankfull?	Y	Water width (m) 18.0	Banktop = Bankfull? Y
Embanked height (m)	0.0	Water depth (m) *	Embanked height (m) 0.0

If trapezium 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				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		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 (Codes: 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)	39	Slope (m/km)	6.67	Flow category (1-10)	1
BGS Solid geology code	106	BGS Drift geology code	0	Planform category	2
Distance from source(Lm)	2.5	Significant tributary?	N	Navigation?	N
Height of source(m)	49	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: 14684

Grid reference: SU 122170 River: SWEATFORD WATER 295
 Date: 0 /1997 Time: 14.50 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

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 RIFLES, POOLS AND POINT BARS

Rifles	8	Unvegetated point bar	2
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
Grass/mixed woodland (BL)	/	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)			Suburban/urban development (SU)		E
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

	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%)		
				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	BR	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RI	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	VP	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	CL	P	P	P	G	P	G	GP
Flow type	NO	NO	NO	NO	NP	NO	NP	NP	NP	NO
Channel modification(s)	RS	RS	RI	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	TR	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	BR	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RI	NO	EM	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	TH	IG	IG	IG	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)	S	S	S	S	S	C	S	S	S	S
LEFT BANK-TOP	S	S	B	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	B	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	S	S	C	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SU	TH	TH	BL	BL	BL	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/licheas	/		/		/	/	/	/	/	/
Emergent broad-leaved herbs	E	E	E		E	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)	Bankfull width (m)	Banktop height (m)
1.0	*	1.0
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? Y
	2.0	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.1	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
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
Braided/side channels	-	Natural open water	-	Can
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, 6 = more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: DROUGHT 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)	2	Slope (m/km)	0	Flow category (1-10)	8
BGS Solid geology code	109	BGS Drift geology code	5	Platform category	2
Distance from source(km)	31	Significant tributary?	N	Navigation?	N
Height of source(m)	69	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: 14685

Grid reference: SZ 134936 River: STOUR 296
 Date: 10/09 /1997 Time: 16.15 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 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
Woodland/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)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned	/	/
Vertical/undercut	/	/	Reinforced - whole bank		
Vertical + toe	/	/	Reinforced - top only		
p > 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	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	-
Bank(s)	-	X	Mature island(s)	X	-
Glide(s)	-	X	Unvegetated side bar(s)	X	-
Pool(s)	-	X	Vegetated side bar(s)	X	-
Powdered 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	RR	BO	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	RS RI	RI	RS	NO	NO	RS
Bank feature(s)	SC	SC	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	NV	NV	SI	NV	BO	NV	NV	G	NV	NV
Flow type	SM	SM	SM	SM	CH	SM	SM	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	DA	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	NV	NV	NV	NV	RR	NV	NV	NV	NV	NV
Bank modification(s)	NO	NO	RS	RS	RS RI	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	SC	NO	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE	NV	NV								
Liverworts/mosses/lichens			/	E	/					/
Emergent broad-leaved herbs			/							/
Emergent reeds/sedges/rushes	/	E	E	/	/	/	/	/	/	E
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)	2.5	Bankfull width (m)	21.5	Banktop height (m)	2.5
Banktop = Bankfull?	N	Water width (m)	13.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.5	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

M ARTIFICIAL FEATURES

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

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 = nettle, 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: WATER VOLE DRAGON DAMSELFLIES
 Other significant observations: Old railway left bank is golf course. Swans.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	6	Slope (m/km)	.6	Flow category (1-10)	7
BGS Solid geology code	109	BGS Drift geology code	5	Planform category	3
Distance from source(km)	98	Significant tributary?	N	Navigation?	N
Height of source(m)	140	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14686

Grid reference: SZ 139999 River: AVON 297
 Date: 19/09 /1997 Time: 13.45 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	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

idea/mixed woodland (BL)	L	R	Rough pasture (RP)	L	R
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

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Re-sectioned		
Vertical + toe			Reinforced - whole bank	/	
Toe >45	E	E	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	None	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
	X	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	CL	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	PC	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	NO	NO	NO	SC	NO	NO	NO	NO
CHANNEL										
Channel substrate	SA	G	G	G	G	NV	G	G	G	G
Flow type	SM	SM	RP	SM	SM	SM	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	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	PC	NO	NO	NO	NO	PC	NO
Bank feature(s)	NO	NO	NO	NO	NO	SC	NO	SB	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	S	S
LEFT BANK FACE	U	U	S	U	U	S	S	S	U	S
RIGHT BANK FACE	S	S	U	B	U	S	U	U	S	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										
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		/							/	/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.0	Bankfull width (m)	29.0	Banktop height (m)	1.0
Banktop = Bankfull?	Y	Water width (m)	48.0	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 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
X	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

None	X				
Waterfalls >5m high		Artificial open water		Bog	Fraging 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 (Other: 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

1997 RIVER HABITAT SURVEY page 1 of 4 14687

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

Altitude(m)	28	Slope (m/km)	4	Flow category (1-10)	2
BGS Solid geology code	108	BGS Drift geology code	0	Planform category	3
Distance from source(km)	9	Significant tributary?	N	Navigation?	N
Height of source(m)	58	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: 14687

Grid reference: SU 137141 River: ASHFORD WATER 298

Date: 26/09 /1997 Time: 9.40 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

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	7	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

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

SITE NO. 14687 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14687

H 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)			Titled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)	E	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified					
Vertical/undercut	E	E	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		
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)			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 14687

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	SC	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	G	G	SA	G	SI	SI	G	G
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)	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

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

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		/	/					/	/	/

1997 RIVER HABITAT SURVEY page 4 of 4 14687

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.8	Bankfull width (m)	7.5	Banktop height (m)	0.75
Banktop = Bankfull?	Y	Water width (m)	5.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.18	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			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	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: ABANDONED LAND

Animals:

Other significant observations: Small well vegetated stream; many areas of slow flow. Minimal management. Fish farm US of section. Abandoned channel with Glycyrrhiza and Carex.

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

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

Altitude(m)	35	Slope (m/km)	8	Flow category (1-10)	1
BGS Solid geology code	109	BGS Drift geology code	6	Planform category	2
Distance from source(km)	10	Significant tributary?	N	Navigation?	N
Height of source(m)	114	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: 14689

Grid reference: SU 164085 River: DOCKENS WATER 300

Date: 25/09 /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	<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	13	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
Grass/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)		
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/unmodified			Resectioned		/
Vertical undercut	/	/	Reinforced - whole bank	/	/
Vertical + toe			Reinforced - top only	/	/
Top >45	E	E	Reinforced - toe only	/	/
Embanked	/	/	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		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	
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	

Spi 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	CC	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	G	P	G	G	G	P	G	G	G
Flow type	RP	SM	UW	UW	SM	SM	SM	UW	SM	SM
Channel modification(s) - - -	NO	NO	NO	NO	NO	RS	NO	NO	RS	NO
Channel feature(s)	MB	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	GS	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	PC	RS	RS	PC	NO	RS	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)	BL	BL	BL	BL	BL	BL	BL	IG	SU	IG
LEFT BANK-TOP	S	S	S	S	U	S	U	S	U	C
LEFT BANK FACE	S	U	U	U	U	U	U	U	B	S
RIGHT BANK FACE	U	S	U	S	S	U	B	U	S	U
RIGHT BANK-TOP	U	U	U	U	U	U	U	U	S	C
LAND USE WITHIN 5m OF BANK TOP (R)	TL	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	/	/	/	/	/	/	/	/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
0.6	5.0	1.0
Banktop = Bankfull? <input checked="" type="checkbox"/>	Water width (m)	Banktop = Bankfull? <input type="checkbox"/>
4.0	4.0	N
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.6	0.0

If irashline 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				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 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, + 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: Acid stream resectioned on RB & possibly channel.

Profile: macrophyte communities.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14690

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

Altitude(m) 49 Slope (m/km) 1.25 Flow category (1-10) 3
 BGS Solid geology code 106 BGS Drift geology code 6 Planform category 2
 Distance from source(Lm) 30.5 Significant tributary? N Navigation? N
 Height of source(m) 125 Water Quality class 1 RHS Segment type 1

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

Reference site number: 14690

Grid reference: SU 161317 River: BOURNE 301

Date: 14/1 /1997 Time: 14.10 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 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 0 Unvegetated point bar 0
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

Site NO. 14690 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14690

H 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)		E
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Suburban/urban development (SU)	/	/
Herbs (TH)	/	/	Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Reactioned		E
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%)	Present E (>33%)
None			Shading of channel	None	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%)	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	None	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 14690

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	RS	NO	NO	RS	NO	RS	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	G	G	G	G	G	G	G	SI
Flow type	RP	SM	SM	SM	SM	SM	SM	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)	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	UG	IG	IG	IG	IG	IG
LEFT BANK-TOP	U	U	U	S	U	U	U	U	U	U
LEFT BANK FACE	U	U	U	S	U	U	U	U	U	U
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	U
RIGHT BANK-TOP	S	S	S	S	C	U	U	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	TL	TL	TL	TL	TH	RP	RP	RP	RP	RP

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	/	/	/	/	/	/	/	/	/	/

1997 RIVER HABITAT SURVEY page 4 of 4 14690

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.0	8.0	0.85
Banktop = Bankfull? N	Water width (m)	Banktop = Bankfull? N
	4.5	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.35	0.0

If trachee lower than break in slope, indicate: height above water(m) = 0.7

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	2	
Calverts				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?	

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	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 = brambles, + 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: Left bank mainly garden with bank cleared and revegetated. Other section is typical chalk stream with Rav. nat. and Rav. Right bank natural.

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) 5 Slope (m/km) 2.85 Flow category (1-10) I
 BGS Solid geology code 109 BGS Drift geology code 6 Platform category I
 Distance from source(km) 8.5 Significant tributary? N Navigation? N
 Height of source(m) 58 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: 14691

Grid reference: SZ 184934 River: MUDE 302

Date: 11/09 /1997 Time: 10.45 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 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

H 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)	E	
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	E	Open water (OW)		
Tall herbs (TH)	E	/	Suburban/urban development (SU)		E
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified			Resectioned	E	E
Vertical + toe			Reinforced - whole bank	/	/
Toe >=45	E	E	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			Stading 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	
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)	RS	RS	RS	NO	RS	RS	NO	RS	RS	RS
Bank feature(s)	SC	NO	SC	NO	EC	SC	NO	NO	NO	NO
CHANNEL										
Channel substrate	SI	G	G	G	G	G	G	G	G	G
Flow type	NP	SM	SM	RP	SM	SM	NP	NP	SM	SM
Channel modification(s)	RS	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	NO	NO	RS	NO	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	SC	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TH	TH	TH	BL	BL	BL	RP	TH	TH	TH
LEFT BANK - TOP	U	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	C	B	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK - TOP	U	S	U	S	S	S	U	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	WL	WL	TH	SC	BL	BL	SC	SC	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) 1.2	Bankfull width (m) 2.0	Banktop height (m) 1.8
Banktop = Bankfull? *	Water width (m) 2.0	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 Xunkun

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	2											
Sluices										2		
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	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 = bramble, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: TIPPING LITTER

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 14692

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

Altitude(m)	50	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	109	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	92	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: 14692

Grid reference: SU 194087 River: LINFORD BROOK 303

Date: 12/09 /1997 Time: 15.30 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	12
Pools	8	Vegetated point bar	0

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

II LAND USE WITHIN 50m OF BANKTOP

Arable/mixed woodland (BL)	/	/	Rough pasture (RP)		
Coniferous plantation (CP)	E	E	Improved/semi-improved grass (IG)		
Orchard (OR)			Titled land (TL)		
Wetland/peat (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

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top >45			Reinforced - top only		
Profile	/	/	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	X	

K EXTENT OF CHANNEL FEATURES

	None		Present		Marginal deadwater		
	None	Present	None	Present	None	Present	E (>33%)
Waterfall(s)	X					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	
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	

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	SB	NO	NO	SC	SB	SC	PB	EC	EC
CHANNEL										
Channel substrate	SI	G	G	P	G	P	G	GP	G	G
Flow type	NP	SM	RP	SM	SM	SM	RP	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	GS	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	EC	PB	SC	SC	EC	EC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	CP	CP	CP	BL	BL	BL	BL	BL
LEFT BANK-TOP	U	S	U	S	B	S	S	S	U	S
LEFT BANK FACE	U	S	B	B	B	S	S	U	B	B
RIGHT BANK FACE	S	B	B	B	S	B	S	U	B	S
RIGHT BANK-TOP	S	U	S	U	S	S	S	S	B	C
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	BL	CP	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)	1.4	Banktop height (m)	0.65
Banktop = Bankfull?	*	Water width (m)	1.7	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: consolidated unconsolidated unknown

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

	None			Major			Intermediate			Minor		
	None	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor		
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		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?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: OVERDEEPENING AFFORESTATION

Land Management:

Animals:

Other significant observations: Bracken; historical resectioning & deepening.

Recovering well.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14693

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

Altitude(m) 28 Slope (m/km) 6.67 Flow category (1-10) 1
 BGS Solid geology code 109 BGS Drift geology code 10 Planform category 1
 Distance from source(km) 3 Significant tributary? N Navigation? N
 Height of source(m) 58 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: 14693

Grid reference: SZ 195973 River: UN-NAMED TRIB. OF AVON 30
 Date: 11/09 /1997 Time: 13.15 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
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 2 Unvegetated point bar 5
 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)			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	/	/	Reexcavated	/	/
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	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	-
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	CL
Bank modification(s)	NO	NO	NO	NO	NO	PC	PC	NO	NO	RS
Bank feature(s)	SC	SC	NO	NO	SC	NO	SC	SC	EC	NO
CHANNEL										
Channel substrate	G	G	G	NV	G	G	SA	G	G	S1
Flow type	RP	SM	SM	SM	SM	SM	SM	RP	RP	NP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

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

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	TL	TL	TL	TL	TL	IG	IG	BL	BL	TH
LAND USE WITHIN 5m OF BANKTOP (L)	TL	TL	TL	TL	TL	IG	IG	BL	BL	TH
LEFT BANK-TOP	S	S	S	S	C	U	U	S	S	S
LEFT BANK FACE	S	B	S	S	S	U	U	S	B	S
RIGHT BANK FACE	S	S	U	S	S	B	U	S	S	S
RIGHT BANK-TOP	S	U	S	C	S	U	U	S	B	S
LAND USE WITHIN 5m OF BANK TOP (R)	SC	IG	IG	IG	SC	IG	IG	BL	BL	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)	0.75	Bankfull width (m)	2.5	Banktop height (m)
Banktop = Bankfull?	Y	Water width (m)	1.0	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.1	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 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

	Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs							Revetments		
Sloices							Outfalls		
Culverts	1						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 = ivy)

None Giant hogweed Himalayan balsam Japanese knotweed Other? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: WATER VOLE DRAGON/DAMSELFLIES
 Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14694

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

Altitude(m) 76 Slope (m/km) 2.22 Flow category (1-10) 3
 BGS Solid geology code 106 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 19 Significant tributary? N Navigation? N
 Height of source(m) 125 Water Quality class 0 RHS Segment type 1

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

Reference site number: 14694

Grid reference: SU 209395 River: BOURNE 305
 Date: 26/1 /1997 Time: 9.15 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

FE NO. 14694 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14694

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/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)			Suburban/urban development (SU)		
Urban herbs (TH)			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical + tree			Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Tile			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			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 14694

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	*	*	*	*	*	*	*	*	*	*
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

	TL	TL	TL	TL	TL	TL	TL	TL	TL	TL
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)	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 14694

I. CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.2	Bankfull width (m)	11.5
Banktop = Bankfull?	Y	Water width (m)	*
Embanked height (m)	0.0	Water depth (m)	*
Embanked height (m)			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		
	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	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 = 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 bat.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14695

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

Altitude(m) 71 Slope (m/km) 5 Flow category (1-10) 1
 BGS Solid geology code 109 BGS Drift geology code 10 Platform category 3
 Distance from source(km) 3 Significant tributary? N Navigation? N
 Height of source(m) 112 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: 14695

Grid reference: SU 225125 River: DOCKENS WATER 306
 Date: 12/09 /1997 Time: 12.10 Surveyor: LC Accred. code: MN60

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
 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 0 Unvegetated point bar 9
 Pools 19 Vegetated point bar 3

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

TE. NO. 14695 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14695

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	E	/	Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)		E	Wetland (eg bog, marsh, fen)(WL)		E
Sub (SC)	E	/	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		
Top >45			Reinforced - top only		
Stable	E	E	Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	E	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	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
Point(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 14695

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	GS	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	PC	PC	PC	PC	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	SC	PB	EC	SC
CHANNEL										
Channel substrate	G	G	G	G	G	G	G	G	G	P
Flow type	RP	NP	NP	NP	NO	NO	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)	PC	PC	PC	NO	NO	PC	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	PB	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	SC	RP	RP	SC	SC	RP	TH	SC	SC	BL
LAND USE WITHIN 5m OF BANKTOP (L)	SC	RP	RP	SC	SC	RP	TH	SC	SC	BL
LEFT BANK-TOP	S	S	C	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	C	C
LAND USE WITHIN 5m OF BANK TOP (R)	WL	WL	WL	RP	RP	RP	RP	RP	RP	BL

G CHANNEL VEGETATION TYPES

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

1997 RIVER HABITAT SURVEY page 4 of 4 14695

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.5	Bankfull width (m)	2.0
Banktop = Bankfull?	N	Water width (m)	2.0
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 - run or glide - other X

M ARTIFICIAL FEATURES

	None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs					Revetments		
X Sluices					Outfalls		
X Culverts					Fords		
X 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 - 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 X

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? P3

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management: PARKLAND
 Animals: DRAGON/DAMSELFLIES
 Other significant observations: Wild ponies are causing poaching, National park.

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)	58	Slope (m/km)	15	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	150	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: 14696

Grid reference: SS 399223 River: YEO 2901

Date: 15/1 /1997 Time: 14.15 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

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	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
Sadles/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)	/	/
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	Reinforced		
Vertical + toe		/	Reinforced - whole bank		
Step >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	-	-	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)	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	BE
Bank modification(s)	NO	NO	NO	NO	NO	PC	NO	NO	NO	NO
Bank feature(s)	EC	NO	NO	NO	NO	NO	NO	NO	SB	NO

CHANNEL

Channel substrate	P	P	P	CL	CO	CO	CO	CO	CO	BE
Flow type	UW	UW	UW	RP	UW	BW	RP	UW	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	MI	NO	NO	NO	MI	NO	NO	NO	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	CO	BE
Bank modification(s)	NO	NO	NO	PC	FC	NG	NO	NO	NO	NO
Bank feature(s)	PB	NO	NO	PB	NO	NO	EC	SB	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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)	1.0	Bankfull width(m) *	Banktop height(m)	1.3	
Banktop = Bankfull?	N	Water width(m)	4.8	Banktop = Bankfull?	N
Embanked height(m)	0.0	Water depth(m)	0.25	Embanked height(m)	0.0

If trashing 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				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	-	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	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 = 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: High flow no channel vegetation. (Tornadoes)

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	29	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)	10	Significant tributary?	N	Navigation?	N
Height of source(m)	168	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: 14697

Grid reference: SS 49229 River: YEO 2903
 Date: 29/09 /1997 Time: 16.00 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	<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	0
Pools	1	Vegetated point bar	3

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

II LAND USE WITHIN 50m OF BANKTOP

Badleaf/mixed woodland (BL)	/	E	Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		E
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

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 E	None	Present E	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		ASSOCIATED FEATURES		
	None	Present E	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	NV	EA	EA	NV	NV	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	NO	VP	NO	SC	NV	NV	SC	SC

CHANNEL

Channel substrate	CO	CO	CO	CO	GP	P	NV	NV	P	CO
Flow type	CH	SM	SM	UW	NP	SM	SM	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	VB	NO	NO	RO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	BR	EA	BE	EA	EA	EA	NV	NV	EA	EA
Bank modification(s)	RI	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)	IG	IC	IG	IG	SC	IG	RP	IG	IG	RP
LEFT BANK-TOP	U	U	U	C	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	C	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	C	S	S	S	S	S
RIGHT BANK-TOP	S	S	C	S	S	S	S	S	U	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	TH	RP	RP	RP	RP	RP	RP

G CHANNEL VEGETATION TYPES

NONE		/					NV	/	/	/
Liverworts/mosses/lichees	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)	1.25	Bankfull width (m)	9.0	Banktop height (m)	8.0
Banktop = Bankfull?	Y	Water width (m)	7.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.25	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 X unknown
 Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1			Revetments	2	
Slices				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	-	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:
 Animals: KINGFISHER WATER VOLE OTTER
 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)	26	Slope (m/km)	6.7	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Platform category	2
Distance from source(km)	8.5	Significant tributary?	N	Navigation?	N
Height of source(m)	168	Water Quality class	2	RHS Segment type	4

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

Reference site number: 14698

Grid reference: SS 438222 River: DUNTZ 2905

Date: 29/09 /1997 Time: 12.00 Surveyor: LC Accred. code: MN68

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	8	Unvegetated point bar	5
Pools	7	Vegetated point bar	4

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	/
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)	/	/
Tall herbs (TH)	/	/	Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Reactioned		
Vertical/undercut	E	E	Reinforced - whole bank	E	
Vertical + toe			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	-	-	Stading 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	CL	EA	BW	EA	BW	CL	EA
Bank modification(s)	NO	NO	RI	NO	RI	RI	NO	RI	NO	NO
Bank feature(s)	NO	NO	SC	EC	NO	NO	SC	SC	SC	SC

	GP	P	NV	GP	P	GP	GP	G	P	SI
Channel substrate	GP	P	NV	GP	P	GP	GP	G	P	SI
Flow type	RP	UW	NP	SM	SM	RP	SM	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	RO	NO	NO	NO	NO	NO	NO	NO	NO

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
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	PB	SC	NO	VP	NO	VP	PB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.5	Bankfull width (m)	7.75	Banktop height (m)	1.5
Banktop = Bankfull?	Y	Water width (m)	4.25	Banktop = Bankfull?	Y
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: consolidated unconsolidated Unknown
 Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs				Revetments		4
Sluices				Outfalls		
Culverts				Fords		
Bridges				Deflectors		1
				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	-
Brakes/side channels	-	Water meadow	-	Marsh	-	Other	-
Debris dam	X	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, > more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: TIPPING
 Land Management:
 Animals: GREY WAGTAIL
 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)	6.7	Flow category (1-10)	2
BGS Solid geology code	B1	BGS Drift geology code	0	Platform category	3
Distance from source(km)	8	Significant tributary?	N	Navigation?	N
Height of source(m)	168	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: 14700

Grid reference: SS 430229 River: YEO 2902

Date: 29/09 /1997 Time: 14.30 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 4 Unvegetated point bar 1

Pools 5 Vegetated point bar 1

Output created by IFE, Wareham on 10/02/1998

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)	
Orchard (OR)		Tilled land (TL)	E
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				
Vertical/undercut	E E	Resectioned		
Vertical + toe		Reinforced - whole bank	/ /	
Top >45	/ /	Reinforced - top only		
Simple	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	-
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	CC	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	RI	NO	NO	NO
Bank feature(s)	NO	NO	SC	SC	SC	SC	NO	SC	SC	VS

CHANNEL										
Channel substrate	P	P	NV	NV	NV	G	GP	GP	P	NV
Flow type	SM	SM	NP	NP	NP	SM	NP	RP	RP	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	NV	EA	EA	EA	EA	EA	EA
Bank modification(s)	PC	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	VP	SC	NV	SC	SB	SC	SC	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	RP	BL	RP	RP	SC	TH
LEFT BANK-TOP	S	S	S	S	S	U	U	U	U	U
LEFT BANK FACE	S	S	S	S	S	U	S	S	S	U
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	U	S	S	S	S	S	S	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	TL	SC	TL	TL	TL	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)	10.0	Banktop height (m)
Banktop = Bankfull?	Y	Water width (m)	6.0	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)

If water 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
Weirs	X			Revetments		
Sluices				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				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	X	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 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 GREY WAGTAIL HERON
 Other significant observations:

S ALDERS

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

1997 RIVER HABITAT SURVEY page 1 of 4 14701

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

Altitude(m) 50 Slope (m/km) .9 Flow category (1-10) 7
 BGS Solid geology code 81 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 44 Significant tributary? N Navigation? N
 Height of source(m) 190 Water Quality class 0 RHS Segment type 2

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

Reference site number: 14701

Grid reference: SS 546114 River: TORRIDGE 2907
 Date: 26/09 /1997 Time: 12.10 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 X 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 1

Outpost created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/mixed woodland (BL)	/	E	Rough pasture (RP)		E
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

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Reasoned		
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			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	
Boll(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	NV	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SB	SB	VS	SC	VS	SC	SC	SC

CHANNEL

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

RIGHT BANK

	EA	EA	EA	EA	EA	NV	EA	EA	EA	EA
Material	EA	EA	EA	EA	EA	NV	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	SC	SC	VESC	VS	SC	SC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

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

L CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	2.5	Bankfull width (m)	32.0
Banktop = Bankfull?	N	Water width (m)	26.0
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) = 2.0
 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						
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	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
Stranded/old 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, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other

R RIVERBANK CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: SILTING
 Land Management:
 Animals: KINGFISHER SAND MARTIN
 Other significant observations: Quarry upstream. High levels of silt in substrate.
 High levels of silt settled on substrate site.

S ALDERS
 Alders? None Present Extensive Discarded alders? None Present Extensive

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

Altitude(m) 49 Slope (m/km) 0 Flow category (1-10) 8
 BGS Solid geology code 81 BGS Drift geology code 5 Planform category 2
 Distance from source(km) 50.5 Significant tributary? N Navigation? N
 Height of source(m) 198 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: 14702

Grid reference: SS 541145 River: TORRIDGE 2937
 Date: 29/09/1997 Time: 16.40 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
 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

Outpost created by IFE, Wareham on 10/02/1998

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
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/		Open water (OW)		
Tall herbs (TH)	E	/	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		
>45		/	Reinforced - top only		
Toe			Reinforced - toe only		E
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			Stading 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	
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)	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
CHANNEL										
Channel substrate	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Flow type	RF	SM	RP	RP	RP	RP	RP	RP	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	RO	RO	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	RI	RI	RI	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	VS	SC	SC	VS	SC	SC	SC	SC
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	S	S	S	S	S	S
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	IG
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

	CHANNEL	RIGHT BANK
Banktop height(m)	4.0	Banktop height(m) 3.0
Banktop = Bankfull?	N	Banktop = Bankfull? Y
Embanked height(m)	0.0	Embanked height(m) 0.0
Bankfull width(m)	22.0	
Water width(m)	14.0	
Water depth(m)	0.3	

If baseline 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						
X Weirs				Revetments		
Sluices				Outfalls		
Calverts				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 (Other: 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: AFFORESTATION
 Land Management:
 Animals: KINGFISHER 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)	59	Slope (m/km)	6.7	Flow category (1-10)	3
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	8.5	Significant tributary?	N	Navigation?	N
Height of source(m)	160	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: 14706

Grid reference: SS 524113 River: MERE 2912

Date: 15/09 /1997 Time: 16.05 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	0
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

I 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)		E
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	E		Suburban/urban development (SU)		
Tall herbs (TH)	/	/	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		
Reinforced 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	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		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	EA	EA	EA	EA	EA	EA	EA	NV	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	SC	SC	SC	SC	NO	SC	SC
CHANNEL										
Channel substrate	SI	SI	SI	NV	P	G	G	NV	G	SI
Flow type	SM	SM	NP	SM	RP	SM	NP	NP	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	NV	NV	EA	EA	EA	EA	CL
Bank modification(s)	NO	NO	NO	NO	NO	RI	NO	NO	NO	NO
Bank feature(s)	SC	SC	NO	NO	NO	SC	NO	SC	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	BL	BL	IG	IG	IG	SC	BL	SC	SC	SC
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	IG	IG	IG	SC	BL	SC	SC	SC
LEFT BANK-TOP	S	U	S	S	S	S	S	U	S	S
LEFT BANK FACE	S	S	S	S	S	C	S	S	C	U
RIGHT BANK FACE	B	S	U	S	S	S	S	S	S	C
RIGHT BANK-TOP	S	S	S	S	U	U	U	S	U	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	TH	IG	TL	TL	TL	TH	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				E	/			/	/
Filamentous algae									

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.5	Bankfull width (m)	*	Banktop height (m)	1.75
Banktop = Bankfull?	Y	Water width (m)	*	Banktop = Bankfull?	*
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
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

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:

Other significant observations: Evidence of historic resectioning.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	34	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	B1	BGS Drift geology code	0	Planform category	2
Distance from source(km)	7	Significant tributary?	N	Navigation?	N
Height of source(m)	159	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: 14710

Grid reference: SS 526172 River: BEAFORD BROOK 2909
 Date: 27/9 /1997 Time: 12.40 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	6	Unvegetated point bar	3
Pools	4	Vegetated point bar	1

Output created by IFE, Wareham on 10/02/1998

H 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)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)	/	/
Lake (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		
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	-
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	CL	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	RI
Bank feature(s)	SC	SC	SC	SC	NO	SC	SC	NO	SC	SC
CHANNEL										
Channel substrate	P	SI	P	P	GP	P	CO	P	P	P
Flow type	SM	NP	UW	RP	RP	SM	SM	RP	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	RI
Bank feature(s)	VP	SC	VP	SC	SC	VP	SC	SC	PB	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.25	Bankfull width (m)	7.5	Banktop height (m)	1.25
Banktop = Bankfull?	Y	Water width (m)	3.0	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 <input type="checkbox"/> unconsolidated <input checked="" type="checkbox"/> Junk/non					
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	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 <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 = rhododendrum, 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: DRAGON/DAMSEL/FLIES
 Other significant observations:

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14711

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

Altitude(m)	24	Slope (m/km)	2	Flow category (1-10)	8
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	59.5	Significant tributary?	N	Navigation?	N
Height of source(m)	198	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: 14711

Grid reference: SS 518165 River: TORRIDGE 2938

Date: 27/09 /1997 Time: 10.40 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	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14711

I LAND USE WITHIN 50m OF BANKTOP

Grass/mixed woodland (BL)	E	/	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)			Suburban/urban development (SU)		
Tall herbs (TH)	E	/	Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
p > 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	None	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	
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 14711

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	EA	EA	NV	NV	EA	EA	EA	NV
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	SC	SC	SC
CHANNEL										
Channel substrate	P	NV	NV	P	BO	CO	BE	NV	BO	NV
Flow type	RP	SM	SM	SM	SM	CF	RP	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	NO	RO	RO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	GS	EA	EA	EA	EA	NV
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	VF	SC	SC	SC	SC	SC	SC	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE		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	/	/	/	/	/	/	/	/	/	/

1997 RIVER HABITAT SURVEY page 4 of 4 14711

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.5	Bankfull width (m)	38.0	Banktop height (m)	2.5
Banktop = Bankfull?	Y	Water width (m)	28.0	Banktop = Bankfull?	N
Embanked height (m)	0.8	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		
	Stoices			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 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		Can		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?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land Management:

Animals: OTTER 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)

Altitude(m)	25	Slope (m/m)	15	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	6.5	Significant tributary?	N	Navigation?	N
Height of source(m)	157	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: 14713

Grid reference: SS 477192 River: UN-NAMED TRIB. OF TORRIDG
 Date: 28/09 /1997 Time: 10.30 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

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	7	Unvegetated point bar	3
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Woodland/mixed woodland (BL)	/	E	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)		
Scrub (SC)	/	E	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		
Toe	/		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	-	-		Shading of channel	-
Regularly spaced, single	-	-	-	Overhanging boughs	-	X
Occasional clumps	-	-	-	Exposed bankside roots	-	X
Semi-continuous	-	-	-	Underwater tree roots	-	X
Continuous	X	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	-
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	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	PC(B)	NO	NO	NO	NO
Bank feature(s)	NO	NO	SC	NO	NO	NO	SC	SC	NO	SC
CHANNEL										
Channel substrate	P	P	P	P	GP	CO	CO	P	P	P
Flow type	SM	UW	RP	RP	RP	RP	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	RO	NO	NO

RIGHT BANK

Material	EA	CL	EA	EA	EA	EA	EA	BR	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	PC(B)	NO	RI	NO	NO
Bank feature(s)	NO	SB	NO	SC	NO	SC	PC	SC	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	BL	SC	RP	RP	RP	RP	RP	RP	RP
LEFT BANK-TOP	C	S	S	U	S	S	U	S	S	S
LEFT BANK FACE	S	S	S	U	S	S	S	B	S	S
RIGHT BANK FACE	S	U	U	B	S	B	S	C	S	C
RIGHT BANK-TOP	S	S	U	U	U	U	S	S	S	C
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	RP	RP	SC	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)	Bankfull width (m)	Banktop height (m)
0.5	3.0	1.5
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? N
	2.75	
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 Xonknown
 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			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"/>	Wood-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 = 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

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

Altitude(m)	114	Slope (m/km)	6.6	Flow category (1-10)	1
BGS Solid geology code	B1	BGS Drift geology code	0	Planform category	2
Distance from source(km)	7	Significant tributary?	N	Navigation?	N
Height of source(m)	178	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: 14716

Grid reference: SS 490998 River: LEW 2923

Date: 22/09 /1997 Time: 16.45 Surveyor: LC Accred. code: MN40

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	5	Unvegetated point bar	4
Pools	10	Vegetated point bar	2

Output created by IFE, Warcham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Grass/mixed woodland (BL)	/	E	Rough pasture (RP)	E
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 (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		
>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	None	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			Course 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	CL	CL	CL	EA	CL	EA	NV	EA	CL	CL
Bank modification(s)	NO	NO	NO	NO	NO	PCB	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	SB	SC	PB	SC	SB	SC	SB
CHANNEL										
Channel substrate	P	P	P	P	P	P	NV	CO	P	P
Flow type	RP	SM	NP	RP	NP	SM	NP	SM	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	CL	EA	EA	CL	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	PB	SC	SC	SC	VS	SC	SC	SB	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens										
Emergent broad-leaved herbs				/						/
Emergent reeds/bedges/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)	5.0	Banktop height (m)	1.5
Banktop = Bankfull?	Y	Water width (m)	4.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked height (m)	0.0
If trashline lower than bank in slope, indicate: height above water(m) = 0.0					
Bed material at site is: consolidated <input type="checkbox"/> unconsolidated <input type="checkbox"/> Xenoknown <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
X	Weirs					
	Sluices					
	Calverts					
	Bridges					

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
Braided/side channels		Natural open water		Carr
Debris dam	X	Water meadow		Marsh
Leafy debris		Fen		Fresh
				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, 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: Ancient flow diversion - possible? (photo).

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	89	Slope (m/km)	6.67	Flow category (1-10)	3
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)	229	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: 14717

Grid reference: SS 517008 River: LEW 2951

Date: 9/09 /1997 Time: 15.45 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		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	0
Pools	3	Vegetated point bar	2

Output created by IFE, Wareham on 10/02/1998

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)	E	E
Orchard (OR)			Tilled land (TL)		
Orchard/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Scrub (SC)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Barren/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
p > 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

	None	Present	E (>33%)			
Waterfall(s)	X					
Cascade(s)	X					
Rapid(s)	X					
Riffle(s)		X				
Run(s)		X				
Boil(s)	X					
Slide(s)		X				
Pool(s)		X				
Ponded reach(es)	X					
			Marginal deadwater	None	Present	E (>33%)
			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

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	GS	GS	GS	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	PC	NO	NO	NO	NO
Bank feature(s)	SC	NO	SC	EC	SC	VS	EC	NO	SB	SC

CHANNEL

Channel substrate	G	P	CO	CO	CO	CO	CO	CO	CO	CO
Flow type	SM	SM	NP	SM	SM	RP	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	MI

RIGHT BANK

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

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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	/	/		E	E	/			/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.75	Bankfull width (m)	12.75	Banktop height (m)	1.35
Banktop = Bankfull?	N	Water width (m)	9.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)	0.0

If trapezium 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				Revetments		
	Weirs			Outfalls		
	Sluices			Fords		
	Culverts			Deflectors		
	Bridges			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	<input checked="" type="checkbox"/>	Artificial open water		Bog		Fringing reed-bank	
		Natural open water		Carr		Floating mat	
		Water meadow		Marsh		Other	
		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: 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)	64	Slope (m/km)	3.33	Flow category (1-10)	4
BGS Solid geology code	81	BGS Drift geology code	6	Platform category	3
Distance from source(km)	14	Significant tributary?	N	Navigation?	N
Height of source(m)	229	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: 14718

Grid reference: SS 538043 River: LEW 2924

Date: 16/09 /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	<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	5	Unvegetated point bar	1
Pools	1	Vegetated point bar	2

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Woodland/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)	/	Suburban/urban development (SU)	/
Rock and scree (RS)	/		

BANK PROFILES

Vertical/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Reactioned	/	/
Vertical + toe			Reinforced - whole bank	/	/
Vertical + toe >45	E	E	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	None	Left	Right	ASSOCIATED FEATURES	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

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	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	VP	NO	NO	EC	NO	SC	NO	VS

CHANNEL

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

RIGHT BANK

Material	BO	BO	BO	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	VS	SC	SC	NO	NO	VP	PB	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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	/	/	/	/	E	E	E

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	3.0	Bankfull width (m)	13.0	Banktop height (m)	2.2
Banktop = Bankfull?	N	Water width (m)	12.0	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 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	1	
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	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, 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)

Altitude(m)	52	Slope (m/km)	1.6	Flow category (1-10)	4
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	13	Significant tributary?	N	Navigation?	N
Height of source(m)	188	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: 14719

Grid reference: SS 532056 River: LEW 2952

Date: 25/09 /1997 Time: 9.40 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

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles 3 Unvegetated point bar 2

Pools 2 Vegetated point bar 3

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Woodland/mixed woodland (BL)	E	/	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)	

BANK PROFILES

	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		
	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 (>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		Manure 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	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	VP	NO	SC	SC	SC	SC	SC	SC
CHANNEL										
Channel substrate	CO	NV	P	SI	NV	P	GP	P	NV	BE
Flow type	NP	SM	RP	SM	SM	RP	SM	RP	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)	SC	SC	EC	SC	SC	SC	VSC	PB	SC	VS

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	BL	BL	BL	RP	RP	BL	BL	BL
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	BL	BL	BL	RP	RP	BL	BL	BL
LEFT BANK-TOP	U	U	S	S	S	S	S	S	S	S
LEFT BANK FACE	C	C	S	S	S	S	S	C	S	S
RIGHT BANK FACE	S	S	B	S	S	S	S	C	S	S
RIGHT BANK-TOP	S	S	U	U	U	S	S	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/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)	2.5	Bankfull width (m)	17.0
Banktop = Bankfull?	N	Water width (m)	4.5
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) = 2.0

Bed material at site is: consolidated unconsolidated Xunknows

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
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 Wood-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		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

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS

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 14720

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

Altitude(m)	112	Slope (m/km)	4	Flow category (1-10)	3
BGS Solid geology code	B1	BGS Drift geology code	0	Planform category	3
Distance from source(km)	11	Significant tributary?	N	Navigation?	N
Height of source(m)	199	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: 14720

Grid reference: SS 372103 River: WALDON 2948

Date: 7/1 /1997 Time: 14.00 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 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 RIFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 10/02/1998

E.NO. 14720 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14720

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Woodleaf/mixed woodland (BL)				
Coniferous plantation (CP)				
Orchard (OR)				
Wetland/heath (MH)				
Open water (OW)				
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		
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			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
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 14720

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	GP	G	P	P	GP	P	G	NV	GP	CO
Flow type	SM	RP	RP	SM	SM	SM	SM	SM	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	CL	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SCSE	NO	NO	NO	NO	NO	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	RP	RP	RP	RP	RP	RP	RP	RP	TH	RP
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	S	S	S	U	S	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	B
RIGHT BANK-TOP	U	S	U	U	S	U	U	S	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										
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 14720

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.1	Bankfull width (m)	8.5	Banktop height (m)	1.1
Banktop = Bankfull?	Y	Water width (m)	8.0	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		
	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	Carr	Floating mat
	Water meadow	Marsh	Other
	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: Often vertical banks good liverworts & mosses on banks. Meandering tree-lined banks - often clay at base.

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(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: 14723
Grid reference: SS 525041 River: PELWORTHY BROOK 2953
Date: 16/09 /1997 Time: 12.35 Surveyor: DS Accred. code: MN59

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 Y

PREDOMINANT VALLEY FORM

Table with 2 columns: Valley form, Frequency. Includes shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical.

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 3 columns: Feature, Unvegetated point bar, Vegetated point bar. Includes Riffles (0), Pools (6).

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: L, R, L, R, L, R. Lists various land uses like Mixed woodland, Coniferous plantation, Orchard, etc.

BANK PROFILES

Table with 6 columns: L, R, L, R, L, R. Lists bank profiles like Natural/unmodified, Vertical/undercut, etc.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 5 columns: Trees (None, Isolated, Regularly spaced, Occasional clumps, Semi-continuous, Continuous), Associated Features (Shading, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Course woody debris).

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: None, Present, E (>33%), None, Present, E (>33%). Lists channel features like Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pondered reach(es).

Spot check 1 is at: upstream end downstream end X

E PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and 2 rows (LEFT BANK, RIGHT BANK). Lists attributes like Material, Bank modification(s), Bank feature(s).

Table with 10 columns (1-10) and 2 rows (LEFT BANK, RIGHT BANK). Lists attributes like Channel substrate, Flow type, Channel modification(s), Channel feature(s).

Table with 10 columns (1-10) and 2 rows (LEFT BANK, RIGHT BANK). Lists attributes like Material, Bank modification(s), Bank feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (1-10) and 4 rows. Lists 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. Lists vegetation types: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, etc.

H LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: L, R, L, R, L, R. Lists various land uses like Mixed woodland, Coniferous plantation, Orchard, etc.

BANK PROFILES

Table with 6 columns: L, R, L, R, L, R. Lists bank profiles like Natural/unmodified, Vertical/undercut, etc.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 5 columns: Trees (None, Isolated, Regularly spaced, Occasional clumps, Semi-continuous, Continuous), Associated Features (Shading, Overhanging boughs, Exposed bankside roots, Underwater tree roots, Fallen trees, Course woody debris).

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: None, Present, E (>33%), None, Present, E (>33%). Lists channel features like Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Pondered reach(es).

L CHANNEL DIMENSIONS

Table with 3 columns: LEFT BANK, CHANNEL, RIGHT BANK. Lists dimensions: Banktop height(m), Banktop = Bankfull?, Embankment height(m).

If trashline lower than break in slope, indicate: height above water(m) = 1.7
Bed material at site is: consolidated unconsolidated Unknown
Location of measurement is: riffle run or glide other X

M ARTIFICIAL FEATURES

Table with 6 columns: Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other. Includes Major, Intermediate, Minor categories.

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: 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 X Japanese knotweed Other?

R OVERALL CHARACTERISTICS

Major impacts: Land Management, Animals, Other significant observations: (Comments may have been paraphrased!)

S ALDERS

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

1997 RIVER HABITAT SURVEY page 1 of 4 14725

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

Altitude(m)	104	Slope (m/A)	5	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	8	Significant tributary?	N	Navigation?	N
Height of source(m)	181	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: 14725

Grid reference: SS 491817 River: WAGAFORD WATER 2956

Date: 24/09 /1997 Time: 14.10 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 RIFLES, POOLS AND POINT BARS

Rifles: 8 Unvegetated point bar: 7

Pools: 12 Vegetated point bar: 1

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Broadleaf/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)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank	/	
Slop >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			
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			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			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	

Sput check 1 is at: upstream end downstream end

E PHYSICAL ATTRIBUTES

	1	2	3	4	5	6	7	8	9	10
LEFT BANK										
Material	GA	CL	CL	CL	EA	CL	CL	EA	CL	EA
Bank modification(s)	RJ	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SC	SC	SC	SC	SC	SC	SC	SC	EC
CHANNEL										
Channel substrate	NY	G	GP	G	F	GP	GP	NY	GP	NY
Flow type	NP	SM	SM	NP	RP	SM	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	CL	CL	CL	CL	EA	EA	EA	CL	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SB	PB	SB	SB	PB	PB	EC	PB	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SC	BL	IG	SC	IG	IG	BL	BL	BL	IG
LEFT BANK-TOP	C	C	S	S	S	U	S	S	S	U
LEFT BANK FACE	B	S	B	S	C	C	S	S	S	C
RIGHT BANK FACE	S	S	S	S	C	S	C	B	C	C
RIGHT BANK-TOP	S	S	C	S	S	S	E	C	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	IG	SC	IG	IG	RP	IG	BL	IG	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)	2.0	Bankfull width (m)	5.0	Banktop height (m)	2.0
Banktop = Bankfull?	Y	Water width (m)	1.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	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	2	
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 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	E 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 (Other? 1 = gutweed, 2 = raddledodder, 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)	104	Slope (m/km)	6.6	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	5.5	Significant tributary?	N	Navigation?	N
Height of source(m)	218	Water Quality class	0	RHS Segment type	5

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

Reference site number: 14726

Grid reference: SX 507994 River: LEW TRIB. 2957

Date: 22/09 /1997 Time: 14.10 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
X deep vee		symmetrical
gorge		asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	5	Unvegetated point bar	4
Pools	7	Vegetated point bar	2

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/mixed woodland (BL)	E	E	Rough pasture (RP)	E	/
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	E
Orchard (OR)			Tilled land (TL)		
Farmland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		/
Sub (SC)	/	/	Open water (OW)		
Therbs (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	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		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	
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 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	BE
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	NO	SC	SC	SC	SC	SC	SC	SC	SC

CHANNEL

Channel substrate	G	NV	G	G	NV	P	P	P	CO	BE
Flow type	RP	NP	SM	SM	NP	SM	RP	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	CL	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	VS	EC	SC	FB	SB	VS	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	TH	SC	RP	TH	TH	BL	TH	BL	TH
LEFT BANK-TOP	C	S	S	C	S	S	S	S	C	S
LEFT BANK FACE	S	S	C	C	S	B	C	S	C	S
RIGHT BANK FACE	S	S	C	B	C	S	C	S	C	U
RIGHT BANK-TOP	U	U	U	S	S	U	S	C	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	RP	IG	IG	IG	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)	3.5	Bankfull width (m)	8.0	Banktop height (m)	1.0
Banktop = Bankfull?	N	Water width (m)	6.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.1	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	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 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:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14727

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

Altitude(m)	123	Slope (m/km)	5	Flow category (1-10)	3
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	8.5	Significant tributary?	N	Navigation?	N
Height of source(m)	199	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: 14727

Grid reference: SS 349109 River: WALDON 2921

Date: 7/1 /1997 Time: 16.25 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 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	6	Unvegetated point bar	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14727

H LAND USE WITHIN 50m OF BANKTOP

arable/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"/>
Wetland/heath (MH)	<input type="checkbox"/>	Wetland (eg bog, marsh, fen)(WL)	<input type="checkbox"/>
Open water (OW)	<input type="checkbox"/>	Suburban/urban development (SU)	<input type="checkbox"/>
Rock and scree (RS)	<input type="checkbox"/>		<input type="checkbox"/>

BANK PROFILES

artificial/modified	<input type="checkbox"/>	Artificial/modified	<input type="checkbox"/>
Vertical/undercut	<input type="checkbox"/>	Re-sectioned	<input type="checkbox"/>
Vertical + toe	<input type="checkbox"/>	Reinforced - whole bank	<input type="checkbox"/>
Top >45	<input type="checkbox"/>	Reinforced - top only	<input type="checkbox"/>
Side	<input type="checkbox"/>	Reinforced - toe only	<input type="checkbox"/>
Composite	<input type="checkbox"/>	Artificial two-stage	<input type="checkbox"/>
	<input type="checkbox"/>	Poached	<input type="checkbox"/>
	<input type="checkbox"/>	Erbanked	<input type="checkbox"/>
	<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 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 type="checkbox"/>	Fallen trees	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Continuous	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Coarse woody debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>

K EXTENT OF CHANNEL FEATURES

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

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14727

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	RV	GP	CO	CO	G	CO	CO
Flow type	RP	UW	SM	SM	SM	RP	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	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	EC	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	S	U	S	S	U	S	S	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	B	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	U	U	U	U	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	IG	IG	IG	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	/	/				/		/	/	/
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 14727

I CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.2	Bankfull width (m)	7.0	Banktop height (m)	1.2
Banktop = Bankfull?	Y	Water width (m)	6.7	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.05	Embanked height (m)	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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Revetments	<input type="checkbox"/>	<input type="checkbox"/>
				Outfalls	<input type="checkbox"/>	<input type="checkbox"/>
				Fords	<input 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, <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 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 type="checkbox"/>	Marsh	<input type="checkbox"/>	Other	<input type="checkbox"/>
Debris dam	<input type="checkbox"/>	Fen	<input type="checkbox"/>	Flash	<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 = rhododendrum, 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 Discarded alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14728

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

Altitude(m) 121 Slope (m/km) 2.85 Flow category (1-10) 1
 BGS Solid geology code 81 BGS Drift geology code 0 Platform category 2
 Distance from source(km) 7 Significant tributary? N Navigation? N
 Height of source(m) 179 Water Quality class 3 RHS Segment type 7

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

Reference site number: 14728

Grid reference: SS 363162 River: TORRIDGE 2944

Date: 8/1 /1997 Time: 16.50 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 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

Outpost created by IFE, Warrham on 10/02/1998

E.N.O. 14728 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14728

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 (TTL)		
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)		

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		
Stile			Reinforced - toe only		
Composite			Artificial two-stage		
			Peached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	Left	Right	ASSOCIATED FEATURES		
			None	Present E (>33%)	
None			Shading of channel	None	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	ASSOCIATED FEATURES	
			None	Present E (>33%)
Waterfall(s)	X		Marginal deadwater	None
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
Point(s)	X		Vegetated side bar(s)	X
Flooded reach(es)	X		Discrete silt deposit(s)	X
			Discrete sand deposit(s)	X

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14728

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

	GP	GP	CO	GP	NV	CO	CO	NV	NV	GP
Channel substrate	GP	GP	CO	GP	NV	CO	CO	NV	NV	GP
Flow type	RP	RP	RP	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	NO	NO	NO	NO	NO

RIGHT BANK

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
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

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

G CHANNEL VEGETATION TYPES

	NV	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 14728

I CHANNEL DIMENSIONS

	CHANNEL	RIGHT BANK
Left bank height(m)	1.5	Bankfull width (m)
Banktop = Bankfull? Y	Water width (m)	Banktop height (m)
Embanked height (m)	0.0	Water depth (m)
		Embanked height (m)

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		
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 Moving Weed-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

	None	X			
Waterfalls >5m high			Artificial open water		Bog
Braided/side channels			Natural open water		Friaging reed-bank
Debris dam			Water meadow		Carri
Leafy debris			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 = chadodandelion, 3 = bracken/A = 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: Wet areas with *Juncus* & *Pers hydropiper* on flood plain

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

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

Altitude(m)	93	Slope (m/km)	2.85	Flow category (1-10)	4
BGS Solid geology code	81	BGS Drift geology code	5	Planform category	3
Distance from source(km)	22.5	Significant tributary?	N	Navigation?	N
Height of source(m)	198	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: 14729

Grid reference: SS 421097 River: TORRDICE 2945

Date: 15/1 /1997 Time: 0.00 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 Right X Channel

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee	concave/bowl
deep vee	symmetrical
gorge	asymmetrical X

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

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

Outpost created by IFE, Wareham on 10/02/1998

Field notes area with a sketch of a river channel and surrounding terrain.

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Arable/mixed woodland (BL)			Rough pasture (RP)	/ /
Coniferous plantation (CP)			Improved/hemi-improved grass (IG)	E E
Orchard (OR)			Titled land (TL)	
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(XWL)	
Open water (SC)			Open water (OW)	
Urban/industrial (TH)			Suburban/urban development (SU)	
			Rock and scree (RS)	

BANK PROFILES

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

I 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	
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	EC	NO	NO	EC	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Flow type	RP	RP	UW	SM	RP	SM	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	GA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	PC(B)	NO	PC(B)	NO	NO	PC	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	EC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.2	Bankfull width (m)	10.75	Banktop height (m)	1.2
Banktop = Bankfull?	Y	Water width (m)	10.5	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 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 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 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = ivy)

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

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:

Land management:

Animals:

Other significant observations: Very 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)	82	Slope (m/km)	5	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	5	Platform category	2
Distance from source(km)	6.2	Significant tributary?	N	Navigation?	N
Height of source(m)	162	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: 14730

Grid reference: SS 437062 River: WHITELEIGH WATER 2961

Date: 6/1/1997 Time: 13.28 Surveyor: PS Accred. code: PF35

Adverse conditions? No Yes

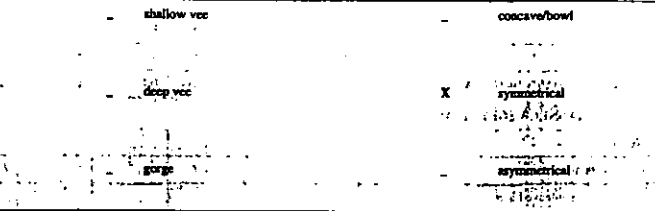
Bed of river visible? No Part. Entire.

Duplicate photographs: general character? No Yes

Surveyed from: Left Right Channel

SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM



NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 6

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
Leaf/mixed woodland (BL)	E	/	Rough pasture (RP)	E	
Intensive plantation (CP)			Improved/semi-improved grass (IG)		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)		

K BANK PROFILES

	L	R		L	R
Artificial/modified			Artificial/modified		
Vertical/undercut	/	/	Reinforced		
Vertical + toe	E	E	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	-	-	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	-
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	EC	SB	PB	NO	EC	NO
CHANNEL										
Channel substrate	CO	CO	CO	P	CO	CO	CO	CO	CO	CO
Flow type	NP	RP	SM	SM	SM	SM	RP	RP	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	MB	ND	NO	NO	NO	NO	RD	NO
RIGHT BANK										
Material	RR	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	SB	NO	NO	NO	NO	NO	NO	NO	SB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	RP	RP	RP	TH	RP	RP	TH	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	C	S	S	S	S	S	S	S
RIGHT BANK FACE	S	C	S	C	S	S	S	B	C	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	BL	SU	IG	IG	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)	1.2	Bankfull width (m)	5.7	Banktop height (m)
Banktop = Bankfull?	Y	Water width (m)	5.5	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.1	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"/> 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
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

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 = sycamore, 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: GREY WAGTAIL
Other significant observations: Many cobble point bars side bars cobbles mostly
Obs. Gullies & banks at DS end hence SU.

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)	3.33	Flow category (1-10)	3
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	4
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	198	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: 14731

Grid reference: SS 303186 River: SOCKINGTON WATER 2962

Date: 8/1 /1997 Time: 13.30 Surveyor: PS Accred. code: PF35

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

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	2	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Grassland/mixed woodland (BL)		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)	E E
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			Resectioned		
Vertical + toe			Reinforced - whole bank		
Step >45			Reinforced - top only		
Gentle			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		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	Maure 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	NV	GP	GP	NV	GP	NV	GP	NV	GP	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	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)	SC	SC	*	TH	TH	RP	BL	TH	TH	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	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	U	U	S	U	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	TH	TH	TH	BL	TH	SC	SC	SC	SC

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											

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	7.0	Bankfull width (m)	5.5	Banktop height (m)	0.7
Banktop = Bankfull?	Y	Water width (m)	*	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

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
		Natural open water	Carr	X
		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 Giant hogweed Himalayan balsam X Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
Land Management:
Animals:
Other significant observations: One carr is drying out dryer than usual with numerous mosses & lichens.

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)	92	Slope (m/km)	4	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	141	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: 14732

Grid reference: SS 411078 River: UN-NAMED TRIB. OF WALDON

Date: 16/1/1997 Time: 0.00 Surveyor: JP Accred. code: MN41

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

SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

shallow vee		concave/bowl	
deep vee		symmetrical	X
gorge		asymmetrical	

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 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)			Rough pasture (RP)	E	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	E
Orchard (OR)			Tilled land (TL)		
Wetland/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					
Vertical/undercut	E	E	Re-sectioned		
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		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		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	RR	EA	EA	EA	NV	EA	EA	EA	EA	EA
Bank modification(s)	RI	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	SC	SC	SC	SC
CHANNEL										
Channel substrate	NV	NV	SI	SA	NV	NV	G	NV	NV	*
Flow type	SM	RP	RP	UW	RP	RP	RP	RP	RP	SM
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	CL	EA	EA	EA	EA	EA
Bank modification(s)	PC(B)	NO	NO	NO	PC	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	SC	EC	NO	NO	SC	SC	SC	SC
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	U	U	U	S	S	S	S	S	U
LEFT BANK FACE	B	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	B	S	S	B	S	S	S	S	S	S
RIGHT BANK-TOP	U	S	U	U	S	U	U	S	U	S
LAND USE WITHIN 5m OF BANK TOP (R)										
	IG	IG	IG	IG	IG	IG	IG	RP	RP	RP
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										/

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)	4.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.5	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 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	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: KINGFISHER

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)	74	Slope (m/km)	5.5	Flow category (1-10)	1
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4.8	Significant tributary?	N	Navigation?	N
Height of source(m)	140	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: 14733

Grid reference: SS 510031 River: HALWORTHY WATER 2976

Date: 24/09 /1997 Time: 17.00 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

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 0 Unvegetated point bar 8

Pools 7 Vegetated point bar 0

Output created by IFE, Warcham on 10/02/1998

NOTE NO. 14733 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14733

H 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)		
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		
Rep >45	/	/	Reinforced - top only		
Slope			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached	/	
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES

None	<input checked="" type="checkbox"/>	Right	
Isolated/scattered			
Regularly spaced, single			
Occasional clumps			
Semi-continuous			
Continuous		<input checked="" type="checkbox"/>	

ASSOCIATED FEATURES

Shading of channel	None	Present E (>33%)
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)	<input checked="" type="checkbox"/>	Present E	Marginal deadwater	None	Present E (>33%)
Cascade(s)	<input checked="" type="checkbox"/>		Exposed bedrock		X
Rapid(s)	<input checked="" type="checkbox"/>		Exposed boulders	X	
Riffle(s)	<input checked="" type="checkbox"/>		Unvegetated mid-channel bar(s)		X
Run(s)		<input checked="" type="checkbox"/>	Vegetated mid-channel bar(s)	X	
Boil(s)	<input checked="" type="checkbox"/>		Mature island(s)	X	
Glide(s)	<input checked="" type="checkbox"/>		Unvegetated side bar(s)		X
Pool(s)		<input checked="" type="checkbox"/>	Vegetated side bar(s)	X	
Ponded reach(es)		<input checked="" type="checkbox"/>	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	EA	CL
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SB	SC	SB	SC	SC	SC SB	SC	SC	SC	SC
CHANNEL										
Channel substrate	P	SI	GP	G	NV	G	NV	NV	G	G
Flow type	NP	NP	NP	NP	NP	RP	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	CL	CL	EA	CL	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	SC	SC	SC	SC PB	SC	SC	SC	SC	SC	PB 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	U	S
LEFT BANK FACE	S	S	S	S	C	S	B	S	S	C
RIGHT BANK FACE	B	S	B	B	S	C	S	S	B	S
RIGHT BANK-TOP	C	S	S	S	S	C	C	C	C	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	BL	BL	BL	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					/					/

1997 RIVER HABITAT SURVEY page 4 of 4 14733

L CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.5	Bankfull width (m)	3.75
Banktop = Bankfull?	Y	Water width (m)	3.75
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 <input type="checkbox"/> unconsolidated <input type="checkbox"/> Unknown <input type="checkbox"/>			
Location of measurement is: riffle <input type="checkbox"/> run or glide <input type="checkbox"/> other <input checked="" type="checkbox"/>			

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
X	Weirs						Revetments		
	Sluces						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, + 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)	163	Slope (m/km)	25	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	8.5	Significant tributary?	N	Navigation?	N
Height of source(m)	500	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: 14734

Grid reference: SX 589947 River: EAST OKEMENT 2931

Date: 12/09 /1997 Time: 11.25 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	<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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/>		

D NUMBER OF RIFFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 18/02/1998

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)	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		L	R
Natural/unmodified			Artificial/modified		
Vertical/undercut	/		Resectioned		
Vertical + toe	/		Reinforced - whole bank	E	E
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	-	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	-

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	BR	BR	BR	BR	EA	EA
Bank modification(s)	RI	RI	RI	RI	RI	RI	RI	RI	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	BO	CO	BO	BE	CO	CO	CO
Flow type	UW	RP	CH	CH	SM	RP	FF	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	RO	RO	RO	RO	NO	RO	NO	RO	RO	RO
RIGHT BANK										
Material	BR	BR	EA	EA	BR	BR	BR	BR	EA	BO
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	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)										
	IG	IG	IG	SU	SU	SU	SU	SU	BL	BL
LEFT BANK-TOP	U	U	U	B	B	B	B	B	C	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	S	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										
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)	11.5	Banktop height (m)	3.0
Banktop = Bankfull?	Y	Water width (m)	7.5	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) = 0.0					
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				Revetments	I		
Sluices				Outfalls			
Culverts				Fords			
Bridges			2	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		Dredging		Mowing	X	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:
Land Management: PARKLAND
Animals:
Other significant observations:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14735

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

Altitude(m)	162	Slope (m/km)	10	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	14	Significant tributary?	N	Navigation?	N
Height of source(m)	559	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: 14735

Grid reference: SX 584942 River: WEST OKEMENT 2932

Date: 12/09 /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

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	3	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14735

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	/
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

Natural/unmodified	L	R	Artificial/modified	L	R
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			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 X	Present E	Marginal deadwater	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)		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 14735

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	SC	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	BE	BE	CO	CO	BE	BE	BE
Flow type	RP	SM	UW	RP	SM	SM	SM	RP	SM	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	RO	RO	RO	RO	RO	RO	RO	RO
RIGHT BANK										
Material	EA	EA	EA	EA	BE	EA	EA	BE	BE	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SB	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE	/	/								
Liverworts/mosses/lichens		/	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										

1997 RIVER HABITAT SURVEY page 4 of 4 14735

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.6	12.0	1.6
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? Y
	73.0	
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		
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 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:

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 1, Value 2, Value 3. 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: 14736

Grid reference: SX 599977 River: OKEMENT 2925

Date: 12/09 /1997 Time: 16.35 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
SERCON survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM

Table for valley form with columns: shallow vee, deep vee, gorge, concave/bowl, symmetrical, asymmetrical. Includes '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: 6, 2, 0, 0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: L, R, L, R. Includes categories like mixed woodland, coniferous plantation, orchard, wetland, open water, suburban/urban development, rock and scree.

BANK PROFILES

Table with 6 columns: L, R, L, R. Includes categories like natural/unmodified, vertical/undercut, vertical + toe, composite, bank types (Patched, Embanked, Set-back embankments).

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 6 columns: Left, Right, None, Present, E (>33%). Includes categories: TREES (None, scattered, spaced, clumps, continuous) and ASSOCIATED FEATURES (Shading, overhanging, exposed roots, underwater roots, fallen trees, coarse woody debris).

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: None, Present, E (>33%). Includes categories: 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) for physical attributes. Includes LEFT BANK (Material, Bank modification(s), Bank feature(s)), CHANNEL (Channel substrate, Flow type, Channel modification(s), Channel feature(s)), and RIGHT BANK (Material, Bank modification(s), Bank feature(s)).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 12 columns (IG, IG, IG, IG, IG, IG, IG, BL, BL, BL) for banktop land use and vegetation structure. Includes categories: 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 for channel vegetation types. Includes 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.

II LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: L, R, L, R. Includes categories like mixed woodland, coniferous plantation, orchard, wetland, open water, suburban/urban development, rock and scree.

BANK PROFILES

Table with 6 columns: L, R, L, R. Includes categories like natural/unmodified, vertical/undercut, vertical + toe, composite, bank types (Patched, Embanked, Set-back embankments).

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 6 columns: Left, Right, None, Present, E (>33%). Includes categories: TREES (None, scattered, spaced, clumps, continuous) and ASSOCIATED FEATURES (Shading, overhanging, exposed roots, underwater roots, fallen trees, coarse woody debris).

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: None, Present, E (>33%). Includes categories: 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 4 columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes categories: Banktop height(m), Banktop = Bankfull?, Embanked height(m), Water width(m), Water depth(m), Embanked height(m). Includes text: '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

Table with 7 columns: Major, Intermediate, Minor, Major, Intermediate, Minor. Includes categories: 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 6 columns: None, X. Includes categories: 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 Giant hogweed Himalayan balsam Japanese knotweed X Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: TIPPING LITTER
Land Management:
Animals: KINGFISHER
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) 98 Slope (m/km) 5 Flow category (1-10) 4
BGS Solid geology code 81 BGS Drift geology code 0 Platform category 2
Distance from source(km) 21 Significant tributary? N Navigation? N
Height of source(m) 559 Water Quality class 1.5 RHS Segment type 5

Grid reference: SS 599000 River: OKEMENT 2326
Date: 13/09 /1997 Time: 9.30 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
deep vee X symmetrical
gorge asymmetrical

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 4 Unvegetated point bar 0
Pools 1 Vegetated point bar 1
Outlet created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP
Table with columns L, R and categories like Woodland (BL), Coniferous plantation (CP), Orchard (OR), etc.

BANK PROFILES
Table with columns L, R and categories like Natural/unmodified, Vertical/undercut, Vertical + toe, etc.

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 Present, E and categories like 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), etc.

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES
Table with 10 columns and categories: 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/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), Bankfull width(m), Banktop = Bankfull?, Embankment height(m), Water width(m), Water depth(m), Embanked height(m)

M ARTIFICIAL FEATURES
None, Major, Intermediate, Minor
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
None X, 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 = rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, + more)

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)
Major impacts: LITTER
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)					
Altitude(m)	77	Slope (m/km)	5	Flow category (1-10)	4
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	3
Distance from source(km)	25	Significant tributary?	N	Navigation?	N
Height of source(m)	559	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: 14738

Grid reference: SS 83036 River: OKEMENT 2927

Date: 13/09/1997 Time: 12.20 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

PREDOMINANT VALLEY FORM

shallow vee concave/bowl

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 10/02/1998

Site NO. 14738 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14738

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)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Herbs (TH)	/		Suburban/urban development (SU)		
			Rock and screes (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		
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		<input checked="" type="checkbox"/>
Isolated/scattered			Overhanging boughs		<input checked="" type="checkbox"/>
Regularly spaced, single			Exposed bankside roots	<input checked="" type="checkbox"/>	
Occasional clumps			Underwater tree roots	<input checked="" type="checkbox"/>	
Semi-continuous	X		Fallen trees	<input checked="" type="checkbox"/>	
Continuous			Coarse woody debris	<input checked="" type="checkbox"/>	

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	
Poached reach(es)		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	SCSB	PB	NO	SC	NO	NO
CHANNEL										
Channel substrate	CO	CO	P	CO	CO	CO	CO	BE	BE	CO
Flow type	RP	RP	SM	SM	SM	SM	SM	SM	RP	UW
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	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	SC	SC	SC	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	U	U	U	U	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	U	U	U	U	U	U	S	S	S	S
LAND USE WITHIN 5m OF BANKTOP (R)										
RIGHT BANK-TOP	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG

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	/	/		/	/	/			/	E /

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	2.5	Bankfull width (m)	18.0	Banktop height (m)	2.2
Banktop = Bankfull?	N	Water width (m)	13.0	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) = 1.8

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
<input checked="" type="checkbox"/>						
				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 <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 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 = nettle, 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: DRAGON/DAMSELFLIES

Other significant observations: _____

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14739

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

Altitude(m) 63 Slope (m/km) 5 Flow category (1-10) 5
 BGS Solid geology code 81 BGS Drift geology code 0 Platform category 2
 Distance from source(km) 27 Significant tributary? N Navigation? N
 Height of source(m) 559 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: 14739

Grid reference: SS 571059 River: OKEMENT 2966

Date: 16/09 /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

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 0
 Pools 1 Vegetated point bar 4

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14739

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)	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
Vertical/unmodified			Artificial/modified		
Vertical/vertical	/	/	Reinforced		
Vertical + toe			Reinforced - whole bank		
>45	E	E	Reinforced - top only		
Reinforced - toe 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	X	X	Shading of channel		X
Isolated/catered			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%)
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
Poached reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)		X

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14739

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)	SC	SC	SB	SB	VP	SC	NO	NO	VP	SC
CHANNEL										
Channel substrate	CO	CO	BE	BE	CO	BE	CO	CO	CO	CO
Flow type	RP	SM	RP	SM	SM	SM	UW	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	RO	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)	VS	NO	NO	NO	SC	NO	NO	NO	SC	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)	IG	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	S	S	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	U	U	U	S	S	S	S	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	BL	BL	IG	IG	IG	IG	IG

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	E	E	/	E	E	/	E	E	E	/ E

1997 RIVER HABITAT SURVEY page 4 of 4 14739

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	2.5	Bankfull width (m) 16.0	Banktop height (m) 3.0
Banktop = Bankfull?	Y	Water width (m) 10.0	Banktop = Bankfull? N
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) = 1.5			
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	Major	Intermediate	Minor
X	Weirs			Revetments		
	Sluices			Outfalls		
	Culverts			Fords		
	Bridges			Deflectors		
				Other		

Is water impounded by weir/dam? No Yes, <13% 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, + more)

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

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: DRAGON/DAMSEL/FLIES
 Other significant observations:

S ALDERS

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

1997 RIVER HABITAT SURVEY page 1 of 4 14740

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

Altitude(m) 70 Slope (m/km) 0 Flow category (1-10) 2
 BGS Solid geology code 81 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 9.5 Significant tributary? N Navigation? N
 Height of source(m) 161 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: 14740

Grid reference: SS 58503 River: HOLE BROOK 2933

Date: 13/09 /1997 Time: 15.00 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 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 7 Unvegetated point bar 0
 Pools 3 Vegetated point bar 2

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14740

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	E
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Scrub (SC)			Open water (OW)		
Herbs (TH)			Suburban/urban development (SU)		/
			Rock and scree (RS)		

III BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Artificial/undercut	E	E	Recessioned		
Vertical + toe			Reinforced - whole bank		
Top >45	/	/	Reinforced - top only		
Side	/	/	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	X	-	Exposed bankside roots	-	X
Occasional clumps	-	X	Underwater tree roots	-	X
Semi-continuous	-	-	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	-
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 14740

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	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
Bank modification(s)	PC(B)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	NO	SC	NO	NO	SC	SC	NO
CHANNEL										
Channel substrate	CO	CO	CO	CO	BE	CO	P	CO	CO	CO
Flow type	SM	SM	SM	RP	NP	NP	UW	RP	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

	GS	GS	GS	GS	GS	GS	EA	EA	EA	GS
Material	GS	GS	GS	GS	GS	GS	EA	EA	EA	GS
Bank modification(s)	NO	PC(B)	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SC	SC	NO	VP	SC	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	U	U	U	U	U	U	U
LEFT BANK FACE	B	B	S	S	S	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	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	BL	SU	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE	/	/	NV	NV	NV	NV
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	/	/				/

1997 RIVER HABITAT SURVEY page 4 of 4 14740

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	Bankfull width (m)	Banktop height (m)
1.6	6.25	1.7
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? N
	3.0	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.15	0.0

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

Bed material at site is: consolidated - unconsolidated Xunkrown -

Location of measurement is: riffle X 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 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	

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 X Himalayan balsam X Japanese knotweed - Other? -

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: SILTING AFFORESTATION

Land Management:

Animals: SAND MARTIN

Other significant observations: Possible observation of a buzzard. Sighting with sand. Adverse conditions of turbid water.

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)	135	Slope (m/km)	6.67	Flow category (1-10)	4
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	17	Significant tributary?	N	Navigation?	N
Height of source(m)	559	Water Quality class	I	RHS Segment type	5

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

Reference site number: 14741

Grid reference: SX 593966 River: OKEMENT 2964

Date: 12/09 /1997 Time: 14.15 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

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
<input type="checkbox"/>	terraced valley?	No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	

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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/mixed woodland (BL)			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)		
Herbs (TH)			Suburban/urban development (SU)		E
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned		
Vertical/undercut			Reinforced - whole bank	/	
Top >45	E	E	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			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
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	NO
CHANNEL										
Channel substrate	CO	BO	CO	CO	BO	CO	BE	BO	CO	BE
Flow type	RP	RP	UW	CH	RP	RP	RP	RP	UW	RP
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	NO
RIGHT BANK										
Material	EA	EA	BO	EA	CO	EA	EA	BE	EA	EA
Bank modification(s)	NO	NO	RI	NO	RI	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)										
LEFT BANK-TOP	S	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	B	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)	SU	SU	SU	SU	SU	IG	SU	SU	SU	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)	3.0	Bankfull width (m)	13.0	Banktop height (m)	3.0
Banktop = Bankfull ?	Y	Water width (m)	8.75	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

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				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? P2

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: LITTER HOUSING

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				14742	
A BACKGROUND MAP-BASED INFORMATION <i>(See RHS manual for definitions)</i>					
Altitude(m)	219	Slope (m/km)	20	Flow category (1-10)	2
BGS Solid geology code	80	BGS Drift geology code	0	Planform category	2
Distance from source(km)	11	Significant tributary?	N	Navigation?	N
Height of source(m)	559	Water Quality class	I	RHS Segment type	10

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

Reference site number: 14742

Grid reference: **SX 564919** River: **WEST OKEMENT 2969**

Date: **11/09/1997** Time: **14.40** 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

PREDOMINANT VALLEY FORM

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

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	Unvegetated point bar	Vegetated point bar
3	0	0

Output created by IFE, Wareham on 10/02/1998

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)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)	/	/	Suburban/urban development (SU)		/
Herbs (TH)			Rock and scree (RS)		

BANK PROFILES

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

EXTENT OF TREES AND ASSOCIATED FEATURES

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

EXTENT OF CHANNEL FEATURES

	None		Present		None			Present		
	E	(>33%)	None	Present	None	Present	E (>33%)	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				
Slide(s)	X					X				
Pool(s)	X					X				
Ponded reach(es)		X				X				
						X				

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14742

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	BO	BE	BO	EA	BO	EA	CC	EA	BO
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RS	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	BE	BE	CO	BO	BO	BO	BO	BO	BO
Flow type	RP	UW	NP	UW	RP	CH	CH	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	RO	RO	RO	RO	RO	NO	RO	RO
RIGHT BANK										
Material	BE	BE	BE	BO	BO	BE	BO	CC	BO	BO
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RS	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	SB	NO	NO	NO	SB

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

1997 RIVER HABITAT SURVEY page 4 of 4 14742

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height (m)	1.7	Banktop height (m)
Banktop = Bankfull ?	N	Banktop = Bankfull ?
Embanked height (m)	0.0	Embanked height (m)

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		
Sluiceways				Outfalls		
Cutovers				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
X			
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

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

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 = ivy, + 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

1997 RIVER HABITAT SURVEY page 1 of 4 14743

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

Altitude(m)	184	Slope (m/km)	3.3	Flow category (1-10)	2
BGS Solid geology code	81	BGS Drift geology code	0	Platform category	2
Distance from source(km)	14	Significant tributary?	N	Navigation?	N
Height of source(m)	559	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: 14743

Grid reference: SX 569936 River: WEST OKEMENT 2972

Date: 11/09 /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

deep vee symmetrical

gorge asymmetrical

Terraced valley? No Yes

D NUMBER OF RIFFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

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

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Reactioned		
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	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					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 X

E PHYSICAL ATTRIBUTES

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

CHANNEL

Channel substrate	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
Flow type	RP	UW	SM	SM	RP	UW	RP	CH	RP	RP
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	NO

RIGHT BANK

Material	EA	EA	EA	EA	EA	CO	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	PB	NO	NO	NO	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	RP	IG	IG	BL	BL	BL	RP	IG	BL	RP
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	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	U	U	S	S
LAND USE WITHIN 5m OF BANK TOP (R)										
	IG	IG	IG	IG	IG	SC	IG	IG	SC	BL

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	/	/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	3.3	Bankfull width (m) 22.5	Banktop height (m) 2.2
Banktop = Bankfull?	N	Water width (m) 8.5	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 Xunknown -

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							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 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	-	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, 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:

S ALDERS

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

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: 14744

Grid reference: SX 565927 River: OKEMENT 2971 Date: 26/09 /1997 Time: 9.20 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 Right Channel X

SERCON survey in addition? No Yes Y

PREDOMINANT VALLEY FORM

Diagram showing valley forms: shallow vee, deep vee, gorges, concave/bowl, symmetrical, asymmetrical. Includes 'Terraced valley?' No X Yes.

NUMBER OF RIFLES, POOLS AND POINT BARS

Table with 4 columns: Feature, Count, Feature, Count. Rifles: 2, Unvegetated point bar: 0, Pools: 6, Vegetated point bar: 0.

Output created by IFE, Wareham on 10/02/1998

LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: Land Use, L, R, Land Use, L, R. Includes Woodland (BL), Rough pasture (RP), Improved/semi-improved grass (IG), Orchard (OR), 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, L, R, Profile, L, R. Includes Natural/unmodified, Resectioned, Reinforced - whole bank, Reinforced - top only, Reinforced - toe only, Artificial two-stage, Poached, Embanked, Set-back embankments.

EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: TREES, ASSOCIATED FEATURES, None, Present E (>33%). Includes 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 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), Ponded 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

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), Material, Bank modification(s), Bank feature(s).

BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns 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).

CHANNEL VEGETATION TYPES

Table with 10 columns and multiple 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.

CHANNEL DIMENSIONS

Table with 4 columns: LEFT BANK, CHANNEL, RIGHT BANK. Includes Banktop height(m), Banktop = Bankfull?, Embankment height (m), If trashline lower than break in slope, indicate: height above water(m) = 6.8, Bed material at site is: consolidated, unconsolidated, X unknown, Location of measurement is: riffle, run or glide X other.

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

EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Weed-cutting Enhancement Other?

FEATURES OF SPECIAL INTEREST

Table with 4 columns: None, Artificial open water, Bog, Fringing reed-bank, Natural open water, Carr, Floating mat, Water meadow, Marsh, Other, Fen, Flush.

CHOKED CHANNEL

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

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

(Comments may have been paraphrased!) Major impacts: Land Management: Animals: Other significant observations:

ALDERS

Alders? None X Present 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, Code. Includes Altitude, Slope, Flow category, BGS Solid geology, etc.

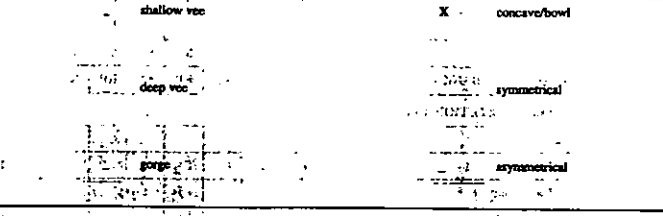
FIELD SURVEY DETAILS - Please check form and tick box if any corrections are needed

Reference the number: 14745

Grid reference: SX 557904 River: WEST OKEMENT 2973
Date: 11/9 /1997 Time: 10.20 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
SERCON survey in addition? No Yes Y

PREDOMINANT VALLEY FORM



Terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles 2 Unvegetated point bar 0
Pools 0 Vegetated point bar 0

Output created by JFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table with 6 columns: L, R, Description, L, R. Includes mixed woodland, CP, Orchard, etc.

BANK PROFILES

Table with 6 columns: L, R, Profile description, L, R. Includes natural/unmodified, reinforced, etc.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: Left, Right, Associated Features, Present E (>33%). Includes shading of channel, overhanging boughs, etc.

K EXTENT OF CHANNEL FEATURES

Table with 6 columns: None, Present E (>33%), Description, None, Present E (>33%). Includes waterfall, cascade, rapid, etc.

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Grid for physical attributes (LEFT BANK, CHANNEL, RIGHT BANK) with columns 1-10 and rows for Material, Bank modification, etc.

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table for banktop land use with columns BL, BL, BL, BL, RP, RP, RP, RP, RP, RP and rows for various land use types.

G CHANNEL VEGETATION TYPES

Table for channel vegetation types with columns E, E, E, E, E, E and rows for various vegetation types like Liverworts, Emergent broad-leaved herbs, etc.

I CHANNEL DIMENSIONS

Table for channel dimensions with columns LEFT BANK, CHANNEL, RIGHT BANK and rows for Banktop height, Bankfull width, etc.

M ARTIFICIAL FEATURES

Table for artificial features with columns Major, Intermediate, Minor and rows for Weirs, Sluices, Culverts, etc.

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 columns Description, Bog, Carr, Marsh, Fringing reed-bank, 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 = 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/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) 98 Slope (m/km) 3.3 Flow category (1-10) 1
BGS Solid geology code B1 BGS Drift geology code 0 Planform category 2
Distance from source(km) 8 Significant tributary? N Navigation? N
Height of source(m) 189 Water Quality class 0 RHS Segment type 7

Grid reference: SS 280043 River: TAMAR (2161)
Date: 7/1 /1997 Time: 12.15 Surveyor: PS Accred. code: PF35

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

PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Terrored valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS
Rifles 5 Unvegetated point bar 0
Pools 8 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP
woodland/mixed woodland (BL) Rough pasture (RP) E
Coniferous plantation (CP) Improved/semi-improved grass (IG) E E
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
Vertical/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
Pooched
Embanked
Set-back embankments

J EXTENT OF TREES AND ASSOCIATED FEATURES
TREES Left Right ASSOCIATED FEATURES None Present E (>13%)
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) X None Present E
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
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 ST G G P ST G G G G
Flow type RP SM SM SM UW RP SM RP 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 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 SC NO NO NO NO NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) BL RP RP RP BL IG SC IG IG
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 U U U S S U U S
LAND USE WITHIN 5m OF BANK TOP (R) TH SC 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) 1.3 Bankfull width (m) 4.0 Banktop height (m) 1.3
Banktop = Bankfull? Y Water width (m) 2.5 Banktop = Bankfull? Y
Embanked height (m) 0.0 Water depth (m) 0.08 Embanked height (m) 0.0

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

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 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: DRAGON/DAMSEL/FLIES
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)	97	Slope (m/km)	2	Flow category (1-10)	5
BGS Solid geology code	81	BGS Drift geology code	0	Planform category	2
Distance from source(km)	15	Significant tributary?	N	Navigation?	N
Height of source(m)	285	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: 14747

Grid reference: SS 278040 River: TAMAR 12162

Date: 7/1 /1997 Time: 11.06 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

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 RIPPLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 10/02/1998

FF. NO. 14747 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14747

H LAND USE WITHIN 50m OF BANKTOP

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

BANK PROFILES

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

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	X	-	Fallen trees	X
Continuous	X	-	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	-	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	G	G	G	P	G	G	G	SI	NV	G
Flow type	SM	RP	SM	RP	SM	RP	UW	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	IG	RP	RP	SC
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	BL	IG	RP	RP	SC
LEFT BANK-TOP	S	S	U	U	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	U	U	S	U	S	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	SC	IG	TH	IG	IG	IG

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	/	/	/	/
NONE	/	/	/	/	/	/	/	/	/	/
Liverworts/mosses/lichens										
Emergent broad-leaved herbs										
Emergent reeds/sedges/rushes										
Floating-leaved (rooted)										
Free-floating										
Ambititious										
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)	5.5	
Banktop = Bankfull?	Y	Water width (m)	4.1	
Embanked height (m)	0.0	Water depth (m)	0.15	
Embanked height (m)	0.0		Embanked height (m)	0.0

If trashline lower than break in slope, indicate: height above water(m) = 1.3

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	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

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

O FEATURES OF SPECIAL INTEREST

	Waterfalls >5m high	Artificial open water	Bog	Fringing reed-bank
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Braided/side channels	Natural open water	Can	Floating mat
	Debris dam	Water meadow	Marsh	Other
	Leafy debris	Fea	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 X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts:

Land Management:

Animals: KINGFISHER

Other significant observations: Riffle/run and deeper sections deep vertical banks. Much moss & liverworts. Substrate often silt with gravel. Banks clay near water level.

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) 0 Slope (m/km) 0 Flow category (1-10) 0
 BGS Solid geology code 0 BGS Drift geology code 0 Platform 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: 14748

Grid reference: SS Z78040 River: DELETED 12163

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 EFE, Wareham on 10/02/1998

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)		
Orchard (OR)			Tilled land (TL)		
Moorland/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					
Vertical/undercut			Repositioned		
Vertical + toe			Reinforced - whole bank		
Top >45			Reinforced - top only		
Gentle			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		
Scattered-continuous			Fallen trees		
Continuous			Coarse woody debris		

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)		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)			Manure island(s)		
Glide(s)			Unvegetated side bar(s)		
Pool(s)			Vegetated side bar(s)		
Pool(s)			Discrete silt deposit(s)		
Pool(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/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)	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	Weirs			Revetments		
	Sluices			Outfalls		
	Cutverts			Fords		
	Bridges			Deflections		
				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 = 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!)

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) 8.3 Flow category (1-10) 1
BGS Solid geology code 81 BGS Drift geology code 0 Planform category 2
Distance from source(km) 3.2 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: 14749

Grid reference: SS 307072 River: SMALL BROOK 1253
Date: 16/1 /1997 Time: 9.00 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 Right X Channel
SERCON survey in addition? No Yes

C PREDOMINANT VALLEY FORM
shallow vee concave/bowl
deep vee X symmetrical
gorge asymmetrical
Ternoid valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 2 Unvegetated point bar 0
Pools 0 Vegetated point bar 0
Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP
L R L R
Ruderal/mixed woodland (BL) / /
Coniferous plantation (CP) / /
Orchard (OR) / /
Moorland/heath (MH) / /
Mudflat (SC) / /
Tropical herbs (TH) / /
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
Single 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 None Present E (>33%)
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
Waterfall(s) X 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
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 SC NO NO
CHANNEL
Channel substrate NV NV NV NV NV NV SI NV SI NV
Flow type SM RP RP SM RP RP 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 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 IG IG IG IG BL
LEFT BANK-TOP U S U U S U S U S
LEFT BANK FACE S S S S S S S S S S
RIGHT BANK FACE S B B S U S S S S S
RIGHT BANK-TOP U U U C U U U S S S
LAND USE WITHIN 5m OF BANK TOP (R) IG IG IG SC IG IG IG IG IG

G CHANNEL VEGETATION TYPES
NONE 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) 1.3 Bankfull width(m) 2.5 Banktop height(m) 1.3
Banktop = Bankfull? Y Water width(m) 2.5 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
X Weirs / / / / / / / / /
Sluices / / / / / / / / /
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 Carr Floating mat
Debris dam X Water meadow Marsh Other
Leafy debris 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, 6 = maree)
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 14750

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

Altitude(m) 112 Slope (m/km) 4.76 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) 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: 14750

Grid reference: SS 299856 River: FAL 1254
 Date: 7/1/1997 Time: 8.50 Surveyor: PS Accred. code: PF35
 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

shallow vee concave/bowl
 deep vee X symmetrical
 gorges asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles 2 Unvegetated point bar 0
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

ENO. 14750 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14750

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)	E	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Suburban/urban development (SU)		
Terrestrial herbs (TH)			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°	/	/	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 (>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	-
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 14750

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	NO	NO

CHANNEL

	G	G	G	G	G	G	G	G	G	P
Channel substrate	G	G	G	G	G	G	G	G	G	P
Flow type	SM	SM	RP	SM	SM	SM	RP	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

	CL	EA	EA	EA	EA	EA	EA	EA	EA	EA
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	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	IG	IG	IG	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	C	S	B
RIGHT BANK FACE	S	S	S	S	S	B	S	S	S	S
RIGHT BANK-TOP	U	U	S	S	U	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	BL	BL	BL	BL

G CHANNEL VEGETATION TYPES

NONE	/	/	/	/	/	/	/	L	/
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 14750

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.8	Bankfull width (m) 3.2
Banktop = Bankfull?	Y	Banktop height (m) 0.8
Embanked height (m)	0.0	Water width (m) 3.0
		Banktop = Bankfull? Y
		Water depth (m) 0.08
		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 - Artificial open water - Bog - Fringing reed-bank -
 Braided/side channels - Natural open water - Carr X Floating mat -
 Debris dam X Water meadow - Marsh - Other -
 Leafy debris 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 = hramble, + 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)

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, 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: 14751

Grid reference: SW 917444 River: FAL 1924

Date: 1/1 /1997 Time: 13.50 Surveyor: DS Accred. code: MNS9

Adverse conditions? No X Yes

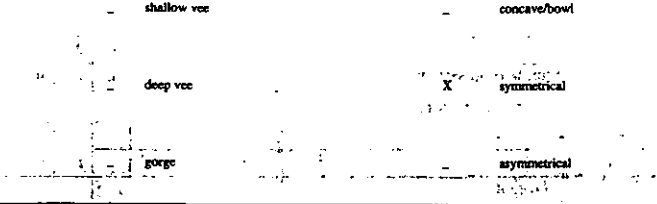
Bed of river visible? No Part. X Entire

Duplicate photographs: general character? No Yes X

Surveyed from: Left Right Channel X

SERCOS survey in addition? No Yes Y

C PREDOMINANT VALLEY FORM



Terraced valley? No X Yes

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 IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 4 columns: Feature, L, R, Feature, L, R. Includes: Woodland/mixed woodland (BL), Rough pasture (RP), Coniferous plantation (CP), Improved/semi-improved grass (IG), Orchard (OR), Tilled land (TL), Portland/heath (MH), Wetland (eg bog, marsh, fen)(WL), Scrub (SC), Open water (OW), Herbs (TH), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 6 columns: Profile, L, R, Profile, L, R. Includes: Natural/unmodified, Resectioned, Vertical + toe, Reinforced - whole bank, Slope >45, Reinforced - top only, Steep side, Reinforced - toe only, Composite, Artificial two-stage, Frenched, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 4 columns: TREES, 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, Feature, None, Present E (>33%). Includes: 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

E PHYSICAL ATTRIBUTES

Table with 10 columns (1-10) and 6 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 (IG, SC, RP, BL, SC, SC, SC, SC, SC, SC) 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 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.

L CHANNEL DIMENSIONS

Table with 4 columns: LEFT BANK, CHANNEL, RIGHT BANK, and values for Banktop height(m), Banktop = Bankfull?, Embanked height (m), Water depth (m), Embanked height (m).

If trashline lower than break in slope, indicate: height above water(m) = 1.75

Bed material at site is: consolidated unconsolidated Xunknown

Location of measurement is: riffle X run or glide other

M ARTIFICIAL FEATURES

Table with 8 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 X, 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 Giant hogweed Himalayan balsam X Japanese knotweed X Other? 1, 2, 3, 4, 5

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)

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: SW 789396 River: CARNON 1978 Date: 30/9 /1997 Time: 19.10 Surveyor: DS Accred. code: MN59

Adverse conditions? No Yes X Bed of river visible? No X Part. Entire Duplicate photographs: general character? No Yes X

C PREDOMINANT VALLEY FORM

Table for valley forms: shallow vee, deep vee, gorge, terraced valley? No X Yes

NUMBER OF RIFLES, POOLS AND POINT BARS

Table for riffles and pools: Rifles 0 Unvegetated point bar 0 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Table for land use: woodland/mixed woodland (BL), Coniferous plantation (CP), Orchard (OR), etc.

BANK PROFILES

Table for bank profiles: Natural/unmodified, Vertical/undercut, Vertical + toe, etc.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table for trees: None, Isolated/scattered, Regularly spaced, etc.

K EXTENT OF CHANNEL FEATURES

Table for channel features: Waterfall(s), Cascade(s), Rapid(s), etc.

Spot check 1 is at: upstream end X downstream end

E PHYSICAL ATTRIBUTES

Table for physical attributes: LEFT BANK, RIGHT BANK, Channel features

Table for channel: Channel substrate, Flow type, Channel modification(s)

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, etc.

G CHANNEL VEGETATION TYPES

Table for channel vegetation: NONE, Liverworts/mosses/lichens, Emergent broad-leaved herbs, etc.

L CHANNEL DIMENSIONS

Table for channel dimensions: LEFT BANK, CHANNEL, RIGHT BANK, Banktop height, etc.

M ARTIFICIAL FEATURES

Table for artificial features: 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

Table for recent management: None X Dredging Mowing Wood-cutting

O FEATURES OF SPECIAL INTEREST

Table for special interest: None, Waterfalls >5m high, Braided/side channels, 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 = 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)

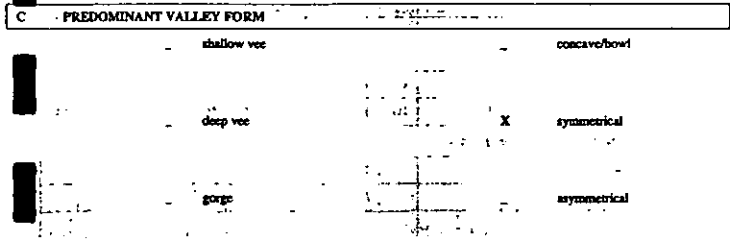
Altitude(m) 8 Slope (m/km) 5 Flow category (1-10) 3
 BGS Solid geology code 76 BGS Drift geology code 5 Platform category 2
 Distance from source(km) 9 Significant tributary? N Navigation? N
 Height of source(m) 127 Water Quality class 1.5 RHS Segment type 2

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

Reference site number: 14753

Grid reference: SW 825593 River: GANNEL 2403
 Date: 29/9/1997 Time: 14.50 Surveyor: DG 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



NUMBER OF RIFFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 10/02/1998

II 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)	E
Orchard (OR)			Tilled land (TL)	
Forest/haath (MH)			Wetland (eg bog, marsh, fen)(WL)	
Lake/pond (SC)	/	/	Open water (OW)	
Tall herbs (TH)	E	/	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°	E	E	Reinforced - top only		
Stable			Reinforced - toe only		
Composite			Artificial two-stage:		
			Paunched		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES

	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	-	-	Clear 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	-
Slide(s)	-	X	Unvegetated side bar(s)	-	X
Pool(s)	X	-	Vegetated side bar(s)	X	-
Pooled 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	NO	NO
Bank feature(s)	NO	NO	SC	SC	SC	NO	NO	NO	NO	VP

CHANNEL

Channel substrate	P	P	P	CO	CO	CO	P	P	P	P
Flow type	SM	SM	SM	SM	UW	UW	SM	SM	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	RO	NO	RO	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	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	SB	NO	NO	NO	PB	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TH	TH	TH	TH	TH	TH	BL	RP	SC
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	U	U	U	U	U	S	U	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	IG	IG	IG	IG	IG	IG	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										/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	E		/	E	E	E		/	E	E

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height (m)	1.6	Bankfull width (m)	6.0	Banktop height (m)	1.75
Banktop = Bankfull? Y		Water width (m)	3.5	Banktop = Bankfull? N	
Embanked height (m) 0.0		Water depth (m)	0.2	Embanked height (m)	0.0
If trashline lower than bank in slope, indicate: height above water (m) = 0.0					
Bed material at site is: consolidated - unconsolidated - Xunkrunkrun -					
Location of measurement is: riffle X run or glide - other -					

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
		2		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 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, + others)

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) 11 Slope (m/km) 3.7 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) 68 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: 14754

Grid reference: SW 816594 River: NEWLYN EAST STREAM 2405
 Date: 29/9 /1997 Time: 16.45 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 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 X Yes

NUMBER OF RIPPLES, POOLS AND POINT BARS

Ripples 13 Unvegetated point bar 3
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

II 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	
Orchard (OR)			Tilled land (TL)		
woodland/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
burn/unmodified					
Vertical/undercut	E	E	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		ASSOCIATED FEATURES	
None	Left Right	Shading of channel	None Present E (>33%)
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		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 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	EC	NO	EC	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	CO	CO	P
Flow type	SM	UW	RP	SM	RP	RP	SM	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	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	PB	NO	VS	SC	SC	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE	/	/								
Liverworts/mosses/lichens			/	/		/	/	/	/	/
Emergent broad-leaved herbs			/	E	E	E	/	/	/	E
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)	1.2 Bankfull width (m)	3.25 Banktop height (m)
Banktop = Bankfull?	Y Water width (m)	N Banktop = Bankfull?
Embanked height (m)	0.0 Water depth (m)	0.15 Embanked height (m)

If grassline 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			Retentions		
	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 YES X

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 -

1997 RIVER HABITAT SURVEY page 1 of 4 14755

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

Altitude(m)	15	Slope (m/km)	5	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	5	Planform category	2
Distance from source(km)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	80	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: 14755

Grid reference: SW 837585 River: GANNEL 2407

Date: 30/9/1997 Time: 10.20 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	6	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Warcham on 10/02/1998

E NO. 14755 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14755

H LAND USE WITHIN 50m OF BANKTOP

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

I BANK PROFILES

	L	R		L	R
Natural/unmodified			Artificial/modified		
Vertical/undercut	/	/	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

	None	Left	Right		None	Present E (>33%)
Isolated/scattered				Shading of channel		X
Regularly spaced, single				Overhanging boughs		X
Occasional clumps	X	X		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 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 14755

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	P	P	P	P	G	P	P	P	P
Flow type	RP	SM	RP	RP	SM	SM	UW	UW	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	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	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	TR	TR	TR	TR	TR

G CHANNEL VEGETATION TYPES

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

1997 RIVER HABITAT SURVEY page 4 of 4 14755

I. CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.15	Bankfull width (m)	6.0
Banktop = Bankfull?	Y	Water width (m)	3.2
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
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					
Waterfalls >5m high		Artificial open water		Bog	Fringing reed-bank
Braided/side channels		Natural open water		Car	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, + 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

Spot check 1 is at: upstream end X downstream end

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

Altitude(m) 54 Slope (m/km) 10 Flow category (1-10) 1
 BGS Solid geology code 76 BGS Drift geology code 5 Planform category 2
 Distance from source(km) 3 Significant tributary? N Navigation? N
 Height of source(m) 127 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: 14756

Grid reference: SW/83584 River: GANNEL 2410
 Date: 9/9/1997 Time: 12.00 Surveyor: DS Accred. code: MN59

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 16 Uavegetated point bar 7
 Pools 1 Vegetated point bar 3

Output created by IFE, Wareham on 10/02/1998

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	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	SC	NO	NO	NO	NO

CHANNEL

Channel substrate	BO	CO	P	P	P	P	P	G	P	P
Flow type	UW	RP	RP	SM	SM	UW	RP	SM	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	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)	NO	NO	NO	NO	NO	VP	PB	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TL	IG	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	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	/	/	/	/	/	/	/	/	/	/
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	/	/	/	/	/	/	/	/	/	/

SITE NO. 14756 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14756

II LAND USE WITHIN 50m OF BANKTOP

roadless/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)	/	/
scrub (SC)	/	/	Open water (OW)	/	/
grasslands (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	/	/
Deep >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	-	X
Cascade(s)	X	-	Exposed bedrock	-	X
Rapid(s)	X	-	Exposed boulders	-	X
Riffle(s)	-	X	Unvegetated mid-channel bar(s)	-	X
Ram(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

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m) 2.4	Bank full width (m) 6.0	Banktop height (m) 2.5
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 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	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/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 X YES

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

None Giant hogweed Himalayan balsam X 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

1997 RIVER HABITAT SURVEY page 1 of 4 14757

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

Altitude(m) 8 Slope (m/km) 9.5 Flow category (1-10) 1

BGS Solid geology code 76 BGS Drift geology code 0 Planform category 2

Distance from source(km) 3 Significant tributary? N Navigation? N

Height of source(m) 53 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: 14757

Grid reference: SW 817611 River: UN-NAMED TRIB. OF GANNEL

Date: 29/9 /1997 Time: 12.05 Surveyor: DS Accred. code: MN59

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					
deep vee			X		symmetrical
gorge					asymmetrical

Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 2 Unvegetated point bar 0

Pools 0 Vegetated point bar 0

Output created by IFE, Warrham on 10/02/1998

TE NO. 14757 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14757

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Broadleaf/mixed woodland (BL)				
Coniferous plantation (CP)			/	/
Orchard (OR)				
Moorland/heath (MH)				
Grass (GC)				
Wetland (TH)				

BANK PROFILES

	L	R		L	R
Natural/unnmodified			Artificial/modified		
Vertical/undercut	/	/	Recoiled		
Vertical + toe			Reinforced - whole bank	E	E
Slope >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	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%)
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 14757

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	BR	BR	BR	BR	BR	BR	BR	BR	BR	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	NV	AR	G	NV	P	P	CO	NV	CO
Flow type	NP	NP	NP	NP	NP	SM	CH	SM	SM	SM
Channel modification(s)	RS	RS	RS	RS	CV	RS	RS	RS	CV	NO
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	BR	BR	BR	BR	BR	BR	BR	BR	BR	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

	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 14757

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.3	Bankfull width (m)	2.0	Banktop height (m)	0.65
Banktop = Bankfull?	Y	Water width (m)	1.8	Banktop = Bankfull?	N
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 run or glide X other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	11			Revetments	1	
Stuices				Outfalls		
Culverts	2			Fords		
Bridges	1		7	Deflectors		
				Other		

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

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	Wood-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	Water meadow	Marsh	Other
Leafy debris	Fen	Flush	

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: PARKLAND

Animals:

Other significant observations:

S ALDERS

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

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

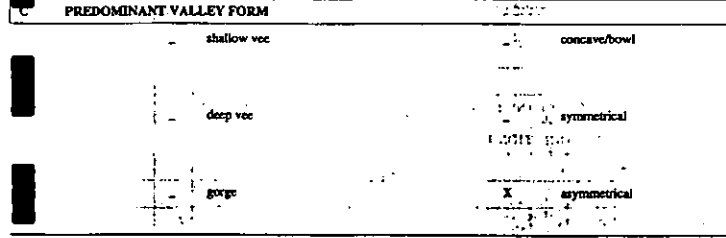
Altitude(m)	10	Slope (m/km)	6.7	Flow category (1-10)	1
BGS Solid geology code	77	BGS Drift geology code	0	Platform category	2
Distance from source(km)	4	Significant tributary?	Y	Navigation?	N
Height of source(m)	134	Water Quality class	1.5	RHS Segment (type)	3

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

Reference site number: 14758

Grid reference: SW 921712 River: UN-NAMED TRIB. OF ISSEY B
 Date: 24/9 /1997 Time: 17.30 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



D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	7	Unvegetated point bar	4
Pools	0	Vegetated point bar	1

Outlet created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Wooded/mixed woodland (BL)	E	/		
Coniferous plantation (CP)				E
Orchard (OR)				
Wooded/heath (MH)				
Shrub (SC)	/	/		
Herbs (TH)	/	/		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned		
Vertical + toe			Reinforced - whole bank		/
Slope >45	E	E	Reinforced - top only		
Gentle			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					Fallen trees	X	
Continuous		X			Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	None	Present	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	
Slide(s)		X		X	
Pool(s)	X			X	
Ponded reach(es)	X			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)	PB	NO	SC	NO	NO	EC	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	BE	BE	BE	BE	BE	BE	BE	CO	BE
Flow type	UW	SM	SM	RP	RP	SM	RP	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	RO	NV	RO	NO	RO	RO	RO
RIGHT BANK										
Material	CC	EA	EA	BE	EA	EA	EA	EA	EA	EA
Bank modification(s)	RI	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	SB	NO	NO	PB	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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)	0.85	Bankfull width(m)	4.5
Banktop = Bankfull?	Y	Water width(m)	2.75
Embanked height(m)	0.0	Water depth(m)	0.1
Embanked height(m)		Embanked height(m)	0.8

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						
Sluices				Revetments		
Culverts				Outfalls		
Bridges			I	Fords		
				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	X	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 = 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: MLL, HOUSING SILTING

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)	15	Slope (m/km)	10	Flow category (1-10)	2
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	9	Significant tributary?	N	Navigation?	N
Height of source(m)	122	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: 14759

Grid reference: SW 859421 River: PORTH STREAM 2501

Date: 27/9 /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

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

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 9 Unvegetated point bar 2

Pools 0 Vegetated point bar 1

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

		L	R			L	R
Arable/mixed woodland (BL)	<input type="checkbox"/>	E	E	Rough pasture (RP)	<input type="checkbox"/>		/
Coniferous plantation (CP)	<input type="checkbox"/>			Improved/semi-improved grass (IG)	<input type="checkbox"/>	E	
Orchard (OR)	<input type="checkbox"/>			Tilled land (TL)	<input type="checkbox"/>		
Moorland/heath (MH)	<input type="checkbox"/>			Wetland (eg bog, marsh, fen)(WL)	<input type="checkbox"/>		
Sub (SC)	<input type="checkbox"/>			Open water (OW)	<input type="checkbox"/>		
Therbs (TH)	<input type="checkbox"/>			Suburban/urban development (SU)	<input type="checkbox"/>		
				Rock and scree (RS)	<input type="checkbox"/>		

BANK PROFILES

		L	R			L	R
Normal/unmodified	<input type="checkbox"/>			Artificially modified	<input type="checkbox"/>		
Vertical/cut	<input type="checkbox"/>	E	E	Resectioned	<input type="checkbox"/>		
Vertical + toe	<input type="checkbox"/>	E	E	Reinforced - whole bank	<input type="checkbox"/>	/	
Top >45°	<input type="checkbox"/>	/	/	Reinforced - top only	<input type="checkbox"/>		
Stile	<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"/>		

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	-	Underwater tree roots	-	X
Continuous	-	X	Fallen trees	-	X
			Coarse woody debris	-	X

EXTENT OF CHANNEL FEATURES

			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)	SC	SC	SC	NO	SB	NO	SC	NO	NO	NO
CHANNEL										
Channel substrate	P	P	CO	P	CO	CO	CO	CO	CO	CO
Flow type	SM	RP	UW	SM	UW	SM	UW	SM	RP	UW
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	VB	NO	NO	NO	NO	NO	NO	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	RI
Bank feature(s)	SC	NO	NO	NO	NO	SC	PB	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)		IG	IG	IG	RP	RP	BL	BL	BL	BL	BL
LEFT BANK-TOP	<input type="checkbox"/>	U	U	S	S	S	S	S	S	S	S
LEFT BANK FACE	<input type="checkbox"/>	S	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	<input type="checkbox"/>	S	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	<input type="checkbox"/>	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											
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)	4.5	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

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
	Weirs			Revetments			J		
	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	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: SLTLING

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) 7 Slope (m/km) 5 Flow category (1-10) 2
BGS Solid geology code 37 BGS Drift geology code 0 Planform category 2
Distance from source(km) 10 Significant tributary? N Navigation? N
Height of source(m) 122 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: 14760

Grid reference: SW 844623 River: PORTH STREAM 2502
Date: 27/9/1997 Time: 15.45 Surveyor: DS Accred. code: MN59

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

D NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 6 Unvegetated point bar 1
Pools 1 Vegetated point bar 1
Output created by IFE, Wareham on 10/02/1998

Table with 6 columns: Land Use, L, R, L, R. Rows include rough pasture (RP), improved/semi-improved grass (IG), tiled land (TL), wetland (eg bog, marsh, fen)(WLF), open water (OW), suburban/urban development (SU), rock and scree (RS).

Table with 6 columns: Bank Profile, L, R, Artificial/modified, L, R. Rows include natural/unmodified, vertical/undercut, vertical + toe, deep >45, side, composite, poached, embanked, set-back embankments.

Table with 5 columns: Trees, Left, Right, Associated Features, None, Present, E (>33%). Rows include isolated/scattered, regularly spaced, occasional clumps, semi-continuous, continuous, shading of channel, overhanging boughs, exposed bankside roots, under water tree roots, fallen trees, coarse woody debris.

Table with 6 columns: Extent of Channel Features, None, Present, E, None, Present, E (>33%). Rows include waterfall(s), cascade(s), rapid(s), riffle(s), run(s), boil(s), glide(s), pool(s), ponded 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

Table E PHYSICAL ATTRIBUTES. LEFT BANK table with 10 columns (1-10) and 3 rows (Material, Bank modification(s), Bank feature(s)).

Table for CHANNEL. 10 columns (1-10) and 3 rows (Channel substrate, Flow type, Channel modification(s), Channel feature(s)).

Table for RIGHT BANK. 10 columns (1-10) and 3 rows (Material, Bank modification(s), Bank feature(s)).

Table F BANKTOP LAND USE AND VEGETATION STRUCTURE. 10 columns (TH, BL, BL, BL, BL, BL, BL, BL, BL, TH) and 4 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)).

Table G CHANNEL VEGETATION TYPES. 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).

Table I CHANNEL DIMENSIONS. LEFT BANK, CHANNEL, RIGHT BANK tables with 3 columns each and 5 rows (Banktop height(m), Banktop = Bankfull?, Embanked height (m), 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).

Table M ARTIFICIAL FEATURES. 9 columns (None, Major, Intermediate, Minor, Major, Intermediate, Minor) and 5 rows (Weirs, Sluices, Culverts, Bridges, 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 Wood-cutting
Enhancement Other?

Table O FEATURES OF SPECIAL INTEREST. 9 columns (None, Artificial open water, Bog, Fringing reed-bank, Natural open water, Carr, Floating mat, Water meadow, Marsh, Other, Fen, Flush) and 4 rows (Waterfalls >5m high, Braided/side channels, Debris dam, Leafy debris).

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 slder, 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:

Table S ALDERS. 4 columns (Alders? None, Present, Extensive, X Diseased alders? None, X Present, Extensive) and 1 row.

Grid reference: SW 836629 River: PORTH STREAM 2572

Date: 27/9/1997 Time: 13.45 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

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	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Radical/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)	E E
Scrub (SC)	/		Open water (OW)	
Urban/industrial/road (UH)			Suburban/urban development (SU)	
Other (TH)			Rock and scree (RS)	

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Re-sectioned		E
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	Left		Right		ASSOCIATED FEATURES	None	Present E (>33%)
	X	-	X	-			
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 (>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 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	SC	NO	SC	NO	NO	NO	SC	SC	SC

CHANNEL

Channel substrate	G	G	G	G	CL	CO	G	G	G	G
Flow type	SM	RP	SM	RP	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	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	RS	RS	RS
Bank feature(s)	SC	NO	SB	NO	SC	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	RP	SC	WL	WL	WL	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	S
RIGHT BANK FACE	S	S	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)	WL	WL	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							/	/		/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.8	Bankfull width(m)	6.0	Banktop height(m)	1.1
Banktop = Bankfull?	Y	Water width(m)	4.0	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) = 0.0

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

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

M ARTIFICIAL FEATURES

	Major			Intermediate			Minor			
	X	-		X	-		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 X Weed-cutting -

Enhancement X Other?

O FEATURES OF SPECIAL INTEREST

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

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)

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)

Grid reference: SW 920614 River: PORTH STREAM 2573 Date: 28/9 /1997 Time: 9.35 Surveyor: DS Accred. code: MN59

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

Table with 2 columns: Valley form, Frequency. Includes shallow vee, concave/bowl, deep vee, symmetrical, gorge, asymmetrical.

Terraced valley? No [] Yes []

NUMBER OF RIFFLES, POOLS AND POINT BARS

Table with 2 columns: Feature, Count. Includes Riffles (16), Unvegetated point bar (8), Pools (1), Vegetated point bar (1).

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Table with 2 columns: Land Use, Frequency. Includes deciduous/mixed woodland (BL), Rough pasture (RF), Coniferous plantation (CP), Improved/semi-improved grass (IG), Orchard (OR), Tilled land (TL), Moorland/heath (MH), Wetland (eg bog, marsh, fen)(WL), Scrub (SC), Open water (OW), Grass/herbs (TH), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 2 columns: Profile, Frequency. Includes natural/unmodified, Resectioned, Vertical + toe, Reinforced - whole bank, Top >45, Reinforced - top only, Steep side, Reinforced - toe only, Composite, Artificial two-stage, Pouched, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 2 columns: TREES, ASSOCIATED FEATURES. Includes 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 2 columns: Channel Feature, Frequency. Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Ponded 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 representing spots 1-10.

LEFT BANK

Table with 11 columns: Material, Bank modification(s), Bank feature(s). Includes EA, NO, SC, PB, ND.

CHANNEL

Table with 11 columns: Channel substrate, Flow type, Channel modification(s), Channel feature(s). Includes CO, P, RP, SM, NO, RO.

RIGHT BANK

Table with 11 columns: Material, Bank modification(s), Bank feature(s). Includes EA, NO, PB, SC, SB, EC.

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 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). Includes BL, IG, TH, SC, RP.

G CHANNEL VEGETATION TYPES

Table with 10 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.

II LAND USE WITHIN 50m OF BANKTOP

Table with 2 columns: Land Use, Frequency. Includes deciduous/mixed woodland (BL), Rough pasture (RF), Coniferous plantation (CP), Improved/semi-improved grass (IG), Orchard (OR), Tilled land (TL), Moorland/heath (MH), Wetland (eg bog, marsh, fen)(WL), Scrub (SC), Open water (OW), Grass/herbs (TH), Suburban/urban development (SU), Rock and scree (RS).

BANK PROFILES

Table with 2 columns: Profile, Frequency. Includes natural/unmodified, Resectioned, Vertical + toe, Reinforced - whole bank, Top >45, Reinforced - top only, Steep side, Reinforced - toe only, Composite, Artificial two-stage, Pouched, Embanked, Set-back embankments.

J EXTENT OF TREES AND ASSOCIATED FEATURES

Table with 2 columns: TREES, ASSOCIATED FEATURES. Includes 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 2 columns: Channel Feature, Frequency. Includes Waterfall(s), Cascade(s), Rapid(s), Riffle(s), Run(s), Boil(s), Glide(s), Pool(s), Ponded 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), Bankfull width (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(ro) = 0.0 Bed material at site is: consolidated [] unconsolidated [] Unknown [] Location of measurement is: riffle [X] run or glide [] other []

M ARTIFICIAL FEATURES

Table with 3 columns: None, Major, Intermediate, Minor. Includes 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

Table with 3 columns: None, Dredging, Mowing, Weed-cutting, Enhancement, Other?

O FEATURES OF SPECIAL INTEREST

Table with 3 columns: None, Major, Intermediate, Minor. Includes 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 = rhododendrons, 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:

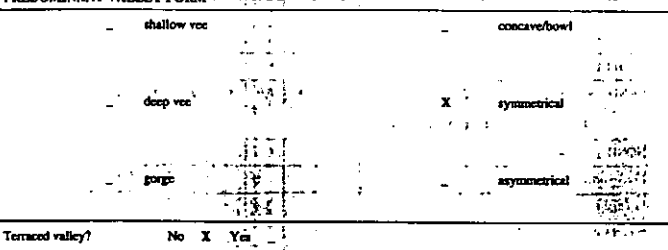
S ALDERS

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

A BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 58 Slope (m/km) 10 Flow category (1-10) 2
BGS Solid geology code 76 BGS Drift geology code 0 Planform category 2
Distance from source(km) 3.5 Significant tributary? N Navigation? N
Height of source(m) 122 Water Quality class 2 RHS Segment type 4

Grid reference: SW 909619 River: PORTH STREAM 2574
Date: 28/9 /1997 Time: 13.45 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 X Right X Channel X
SERCON survey in addition? No Yes Y



C PREDOMINANT VALLEY FORM
Terraced valley? No X Yes
NUMBER OF RIFFLES, POOLS AND POINT BARS
Riffles 11 Unvegetated point bar 4
Pools 0 Vegetated point bar 1

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP
Rough pasture (RP) / / /
Improved/hemi-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
Vertical/unmodified L R Artificial/modified L R
Vertical/undercut E E 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%)
Shading of channel X 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) X None Present E (>33%)
Cascade(s) X
Rapid(s) X
Riffle(s) X
Run(s) X
Boil(s) X
Slide(s) X
Pool(s) X
Ponded reach(es) X
Marginal deadwater X
Exposed bedrock X
Exposed boulders X
Unvegetated mid-channel bar(s) X
Vegetated mid-channel bar(s) X
Manure island(s) X
Unvegetated side bar(s) X
Vegetated side bar(s) 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 BR EA EA EA EA EA EA EA BR EA
Bank modification(s) RS RI NO NO NO NO NO NO NO RI NO
Bank feature(s) NO SC SC PB NO SB NO NO SC NO SC
CHANNEL
Channel substrate CO P P P P P CO P P P P
Flow type RP RP SM SM SM RP RP SM SM RP
Channel modification(s) NO NO NO NO NO NO NO NO NO NO
Channel feature(s) RO NO NO NO NO RO RO NO RO NO
RIGHT BANK
Material BR EA EA EA EA EA EA EA EA EA
Bank modification(s) RS RI RI EM NO EM EM NO NO NO NO
Bank feature(s) NO NO NO NO NO SB NO NO NO NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE
LAND USE WITHIN 5m OF BANKTOP (L) IG IG IG RP RP RP BL BL RP RP
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 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 BL RP TH TH TH BL BL BL 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) 1.7 Bankfull width (m) 7.0 Banktop height (m) 1.4
Banktop = Bankfull? N Water width (m) 3.6 Banktop = Bankfull? Y
Embanked 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
Weirs / / / / / / /
Sluices / / / / / / /
Culverts / / / / / / /
Bridges / / / / / / /
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
Braided/side channels Natural open water Carr Floating mat
Debris dam E Water meadow Marsh Other
Leafy debris E Fen 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?

R OVERALL CHARACTERISTICS
Major impacts:
Land Management:
Animals: DRAGON/DAMSELFLIES
Other significant observations:

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

1997 RIVER HABITAT SURVEY page 1 of 4 14764

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

Altitude(m)	65	Slope (m/km)	20	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)	122	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: 14764

Grid reference: SW 914618 River: PORTH STREAM 2575

Date: 28/9 /1997 Time: 11.45 Surveyor: DS Accred. code: MN59

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

<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	1

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/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)		
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	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Toe > 45	E	E	Reinforced - top only		
Toe			Reinforced - toe only		
Composite			Artificial two-stage		
			Poached		/
			Embanked	E	
			Sea-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES			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	-	-	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
Ran(s)		X		Vegetated mid-channel bar(s)	X	
Boil(s)	X			Mature island(s)	X	
Glade(s)		X		Unvegetated side bar(s)	-	X
Pool(s)	X			Vegetated side bar(s)	X	
Flooded 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)	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM
Bank feature(s)	NO	NO	NO	NO	NO	NO	SB	NO	NO	NO

CHANNEL

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

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	EM	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	SC	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	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	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										/
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)	1.75	Bankfull width(m)	4.5	Banktop height(m)	1.25
Banktop = Bankfull?	N	Water width(m)	2.5	Banktop = Bankfull?	Y
Embanked height(m)	1.75	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 Xunknow

Location of measurement is: riffle run or glide other

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
X Weirs				Revetments		
Stoices				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	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Carr	-	Floating mat	-
Debris dam	E	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:

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)	48	Slope (m/km)	10	Flow category (1-10)	2
BGS Solid geology code	76	BGS Drift geology code	0	Platform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	122	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: 14765

Grid reference: SW 900620 River: PORTH STREAM 2576

Date: 28/9/1997 Time: 15.30 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

X	shallow vee	concave/bowl
	deep vee	symmetrical
	gorge	asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	13	Unvegetated point bar	5
Pools	0	Vegetated point bar	0

Output created by IFE, Warrchau on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/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)		
Sub (SC)			Open water (OW)		
All herbs (TH)	/	/	Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Reactioned		
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

	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	X	X	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	
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)	EM	EM	PC(B)	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	SB	NO	NO	SC	NO	NO	SC	SC	NO

CHANNEL

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

RIGHT BANK

Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	PC(B)	NO	NO	NO	NO	PC(B)	NO	NO
Bank feature(s)	NO	SC	NO	PB	NO	NO	NO	PB	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	IG	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	S	B	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	B	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	B	S	S	S	S	B	S	S
RIGHT BANK-TOP	S	S	B	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									/	/
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)
1.5	16.5	2.0
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? N
	0.4	
Embanked height (m)	Water depth (m)	Embanked height (m)
	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
	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 YES

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

None <input checked="" type="checkbox"/>	Giant hogweed	Himalayan balsam	Japanese knotweed	Other?
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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 <input checked="" type="checkbox"/>	Extensive	Diseased alders? None <input checked="" type="checkbox"/>	Present	Extensive
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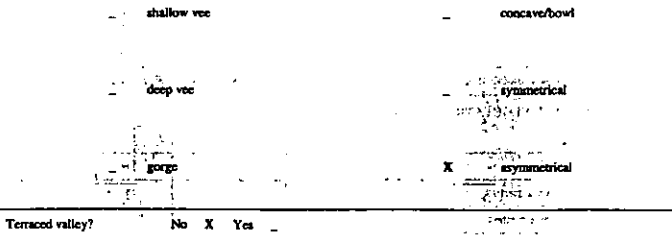
BACKGROUND MAP-BASED INFORMATION (See RHS manual for definitions)
Altitude(m) 26 Slope (m/km) 5 Flow category (1-10) 2
BGS Solid geology code 76 BGS Drift geology code 0 Planform category 2
Distance from source(km) 7 Significant tributary? N Navigation? N
Height of source(m) 122 Water Quality class 2 RHS Segment type 4

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14766

Grid reference: SW 877622 River: PORTH STREAM 2571
Date: 25/9 /1997 Time: 17.50 Surveyor: DS Accred. code: MN59

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

PREDOMINANT VALLEY FORM



Terraced valley? No X Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 7 Unvegetated point bar 6
Pools 0 Vegetated point bar 1

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP
Grass/mixed woodland (BL) E E Rough pasture (RP) E
Coniferous plantation (CP) Improved/semi-improved grass (IG)
Orchard (OR) Tilled land (TL)
Moorland/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
Top >45 E E Reinforced - top only
Stable Reinforced - toe only / /
Composite Artificial two-stage
Poached
Embanked
Set-back embankments E

EXTENT OF TREES AND ASSOCIATED FEATURES

TREES Left Right ASSOCIATED FEATURES
None None Present E (>33%)
Shading of channel None X
Isolated/heather 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

EXTENT OF CHANNEL FEATURES

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

Table with 10 columns (1-10) and rows for LEFT BANK and CHANNEL. LEFT BANK rows include Material, Bank modification(s), Bank feature(s). CHANNEL rows include Channel substrate, Flow type, Channel modification(s), Channel feature(s).

RIGHT BANK

Table with 10 columns (1-10) and rows for RIGHT BANK. Rows include Material, Bank modification(s), Bank feature(s).

F BANKTOP LAND USE AND VEGETATION STRUCTURE

Table with 10 columns (1-10) 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 (1-10) 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.

L CHANNEL DIMENSIONS

Table with columns for LEFT BANK, CHANNEL, and RIGHT BANK. Rows include Banktop height(m), Banktop = Bankfull?, Embanked height (m), Water width (m), Water depth (m), Embanked 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 Weirs, Sluices, Culverts, Bridges, Revetments, Outfalls, Fords, Deflectors, Other. Rows include 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

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, 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 = 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:

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)	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: 14767

Grid reference: SW 865622 River: DELETED 2568
 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/conv
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 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Coniferous/mixed woodland (BL)			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)		
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			Resectioned		
Vertical + toe			Reinforced - whole bank		
Deep >45			Reinforced - top only		
Gentle			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)		
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)										

	1	2	3	4	5	6	7	8	9	10
RIGHT BANK										
Material										
Bank modification(s)										
Bank feature(s)										

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	1	2	3	4	5	6	7	8	9	10
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 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	
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, 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 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? 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: 14768

Grid reference: SW 872623 River: DELETED 2569
 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

Outlet created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
Woodland/mixed woodland (BL)				
Coniferous plantation (CP)				
Orchard (OR)				
Moorland/heath (MH)				
Grass (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

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank		
Slope > 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	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)		
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-TOP										
RIGHT BANK FACE										
LAND USE WITHIN 5m OF BANK TOP (R)										
G CHANNEL VEGETATION TYPES										
NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs										
Emergent reeds/bedges/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	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
 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 = purple, 2 = rhododendrum, 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:
 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)	44	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	62	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: 14769

Grid reference: SW 874636 River: UN-NAMED TRIB. OF PORTH R

Date: 29/9/1997 Time: 9.50 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

D NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 4 Unvegetated point bar 1

Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radial/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)		
Lake (SC)			Open water (OW)		
Tall herbs (TH)			Suburban/urban development (SU)		
			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		
Shingle	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		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)	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	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	PC	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	SC	NO	NO

CHANNEL										
Channel substrate	G	G	G	G	P	G	G	P	SI	G
Flow type	RP	RP	RP	RP	NP	SM	RP	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	EC	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	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

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)	1.0	Bankfull width (m)	4.0	Banktop height (m)	1.1
Banktop = Bankfull?	Y	Water width (m)	1.1	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		
X Weirs												
Sluices												
Culverts												
Bridges												

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	X	Natural open water	-	Carri	-
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 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? P2

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)	13	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	5	Platform category	2
Distance from source(km)	10.8	Significant tributary?	N	Navigation?	N
Height of source(m)	148	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: 14770

Grid reference: SW 870662 River: MENALHYL 2503

Date: 26/9 /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	<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	8	Unvegetated point bar	0
Pools	0	Vegetated point bar	1

Output created by IFE, Wrexham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R	L	R
haed/woodland (BL)	/			
Urban/mixed woodland (BL)	/			
Cornfield/mixed woodland (BL)	/			
Orchard (OR)				
Woodland/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	E	E	Reseccioned		/
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		
	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 (>33%)	None	Present E (>33%)
Waterfall(s)	X	-	Marginal deadwater	-
Cascade(s)	X	-	Exposed bedrock	-
Rapid(s)	X	-	Exposed boulders	-
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)	-
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	BR	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RI	RS	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	EC	NO	SC	SC	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	CO	CO	P	CO	CO	P	P	CO
Flow type	SM	RP	UW	RP	RP	RP	SM	UW	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	RO	RO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	BR	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RI	RS	EM	EM	EM	EM	EM	EM	NO
Bank feature(s)	NO	NO	PB	NO	SC	NO	NO	NO	SC	SC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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		/	/	/	/	E	/	/	/	/

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	2.0	Bankfull width (m)	11.75
Banktop = Bankfull?	N	Water width (m)	5.75
Embanked height (m)	0.0	Water depth (m)	0.2
Embanked height (m)		Embanked height (m)	1.75
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 checked="" 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			
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	Wood-cutting
-	-	-	X
	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		Fen		Other

P CHOKED CHANNEL

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

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

None Giant hogweed Himalayas 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

1997 RIVER HABITAT SURVEY page 1 of 4 14771

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

Altitude(m)	53	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	148	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: 14771

Grid reference: SW 908640 River: MENALHYL 2528

Date: 26/9 /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	
deep vee		X	symmetrical
gorge			asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	8	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14771

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)		
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Lake/pond (SC)			Open water (OW)		
Tall herbs (TH)	/		Suburban/urban development (SU)	E	
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Resectioned	E	E
Vertical/undercut	E		Reinforced - whole bank	/	/
Vertical + toe	/		Reinforced - top only		
Step >45	/	E	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	X	Shading of channel	X
Regularly spaced, single	-	Overhanging boughs	X
Occasional clumps	- X	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 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 14771

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	BR	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	VS	SC	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	CO	CO	P	P	CO	P	CO
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	RO	RO	NO
RIGHT BANK										
Material	EA	CL	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	RS	NO	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)	TH	SU	SU	SU	SU	SU	SU	SU	IG	TH
LEFT BANK-TOP	S	S	S	S	S	S	S	S	B	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	C	S	S	S	S	U
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	RP	RP	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						/	/			/

1997 RIVER HABITAT SURVEY page 4 of 4 14771

L. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.0	Bankfull width (m)	5.0	Banktop height (m)	0.6
Banktop = Bankfull?	N	Water width (m)	4.0	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
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 X Weed-cutting -

Enhancement - Other? -

O FEATURES OF SPECIAL INTEREST

None -

Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	X
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 (Observe 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: TIPPING 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) 47 Slope (m/km) 10 Flow category (1-10) 1
 BGS Solid geology code 76 BGS Drift geology code 0 Platform category 2
 Distance from source(km) 6.5 Significant tributary? N Navigation? N
 Height of source(m) 148 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: 14772

Grid reference: SW 905441 River: MENALHYL 2529

Date: 26/9 /1997 Time: 14.20 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 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 Yes -

D NUMBER OF RIFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 18/02/1998

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
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)	E	
			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		
Slope	/	/	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	None	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	-
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	-
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	GA	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	NO	NO	NO	SB	NO	SC	SC	SB	NO
CHANNEL										
Channel substrate	P	P	CO	P	CO	P	P	P	P	CO
Flow type	RP	SM	RP	SM	UW	SM	SM	SM	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	NV	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NK	FC(B)	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NV	NO	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	SU	SU	SU	SU	BL	TH	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	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)	BL	IG	IG	IG	IG	BL	BL	BL	IG	IG

G CHANNEL VEGETATION TYPES

	NV									
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

	L2	Bankfull width (m)	5.5	Banktop height (m)	1.3
Banktop height(m)					
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 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		1
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		Carri	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 = nettle, 2 = Rhododendrum, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)

None Giant bogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: LITTER SRWAGE SILTING

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 14773

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

Altitude(m)	2	Slope (m/km)	5.71	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	5	Planform category	2
Distance from source(km)	13	Significant tributary?	N	Navigation?	N
Height of source(m)	148	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: 14773

Grid reference: SW 852671 River: MENALHYL 2530

Date: 27/9 /1997 Time: 11.15 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	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14773

H LAND USE WITHIN 50m OF BANKTOP

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

BANK PROFILES

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

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		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 14773

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)	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM
Bank feature(s)	NO	NO	NO	EC	EC	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	G	G	SI	SI	SI	SI	G	P
Flow type	SM	RP	RP	RP	RP	SM	SM	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	RS	RS	NO	NO
Channel feature(s)	NO	MB	YB	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	EM	EM	EM	NO
Bank feature(s)	NO	EC	NO	NO	NO	NO	NO	NO	EC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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	/	E	/	/	/	/	/	/	/
Filamentous algae									/

1997 RIVER HABITAT SURVEY page 4 of 4 14773

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.0	Bankfull width(m)	7.0	Banktop height(m)	1.25
Banktop = Bankfull?	Y	Water width(m)	2.75	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		1
Shaices				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	Dredging	X	Mowing	X	Weed-cutting	X
	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?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts: SEDIMENT OVERDEPOSITING

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)	94	Slope (m/km)	13.33	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	3	Significant tributary?	N	Navigation?	N
Height of source(m)	148	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: 14774

Grid reference: SW 929650 River: MENALHYL 2578

Date: 25/9/1997 Time: 12.00 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	18	Unvegetated point bar	5
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

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)	/	
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Grassland (SC)	/	/	Open water (OW)		
Herbs (TH)	E		Suburban/urban development (SU)		E
			Rock and scree (RS)		

BANK PROFILES					
Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank	/	/
Deep >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	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
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	BR	EA		
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	RS	RS		
Bank feature(s)	SC	SC	SC	NO	SC	NO	NO	NO	NO	NO	NO	NO		
CHANNEL														
Channel substrate	P	P	P	P	P	G	P	P	CO	CO				
Flow type	SM	RP	SM	RP	RP	RP	RP	SM	SM	BW				
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO				
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	RO	RO	RO				
RIGHT BANK														
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA		
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	RS			
Bank feature(s)	SC	SC	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	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	U	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	C	C	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											
NONE	/						/				
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	E	/
Emergent broad-leaved herbs				/	/	/				/	/
Emergent reeds/scirpus/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)	1.6	Bankfull width (m)	3.75	Banktop height (m)
Banktop = Bankfull?	Y	Water width (m)	3.75	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.3	Embanked height (m)

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		
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	<input checked="" type="checkbox"/>	Dredging <input type="checkbox"/>	Mowing <input type="checkbox"/>
		Enhancement <input type="checkbox"/>	Other? <input type="checkbox"/>
		Weed-cutting <input type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST				
None				
Waterfalls >5m high	-	Artificial open water	-	Bog
Braided/side channels	-	Natural open water	-	Carri
Debris dam	X	Water meadow	-	Marsh
Leafy debris	X	Fen	-	Flash
				Fripping reed-bank
				Floating mat
				Other

P CHOKED CHANNEL	
Is 33% or more of the channel choked with vegetation?	NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>

Q NOTABLE NUISANCE PLANTS	
None	X Giant hogweed Himalayan balsam Japanese knotweed (Others: 1 = nettle, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = moss)

R OVERALL CHARACTERISTICS	
Major impacts:	
Land Management:	
Animals:	
Other significant observations:	

S ALDERS	
Alders? None <input type="checkbox"/> Present <input type="checkbox"/> Extensive <input checked="" type="checkbox"/>	Diseased alders? None <input checked="" type="checkbox"/> Present <input type="checkbox"/> Extensive <input type="checkbox"/>

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

Altitude(m)	68	Slope (m/km)	10	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	2	Significant tributary?	N	Navigation?	N
Height of source(m)	129	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: 14775

Grid reference: SW 926634 River: UN-NAMED TRIB. OF MENALHY
 Date: 25/9/1997 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

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

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	8	Unvegetated point bar	1
Pools	0	Vegetated point bar	1

Output created by IFE, Wareham on 18/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/mixed woodland (BL)	/	/	Rough pasture (RP)	E	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Arable (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	/	/	Reinforced - toe only		
Side	E	/	Artificial two-stage		
Composite			Poached	E	
			Embanked	/	E
			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	-	X	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	-	-
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)	RI	EM	PC(B)	DEM	EM	EM	EM	EM	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	P	P	G	G	G	G	P	P	P
Flow type	SM	SM	SM	SM	SM	RP	SM	RP	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	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	PC(B)	PC	NO	PC	NO	NO	NO	EM	EM	EM
Bank feature(s)	SC	NO	NO	NO	NO	NO	NO	NO	NO	VP

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/									
Emergent broad-leaved herbs	/	/	/	E	/	/	/	/	/	E
Emergent reeds/sedges/rushes				/	/	/	/	/	/	/
Floating-leaved (rooted)	/	/		/	/	/	/	/	/	/
Froo-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)	0.65	Bankfull width (m)	1.5	Banktop height (m)	0.65
Banktop = Bankfull?	Y	Water width (m)	1.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.06	Embanked height (m)	1.9

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		
Weirs									
Sluices									
Culverts									
Bridges									

Is water impounded by weir/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"/>	Wood-cutting <input type="checkbox"/>
	Enhancement <input type="checkbox"/>	Other? <input checked="" type="checkbox"/>	

O FEATURES OF SPECIAL INTEREST

None <input checked="" type="checkbox"/>							
Waterfalls >5m high	-	Artificial open water	-	Bog	-	Fringing reed-bank	-
Braided/side channels	-	Natural open water	-	Cart	-	Floating mat	-
Debris dam	-	Water meadow	-	Marsh	-	Other	-
Leafy debris	-	Fens	-	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 = hydrate, + more)

None 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: Coppicing and hedgelaying as recent management.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	72	Slope (m/km)	15	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	148	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: 14776

Grid reference: SW 927640 River: MENALHYL 2580

Date: 25/9/1997 Time: 15.40 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	7	Unvegetated point bar	2
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/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)		
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			Resectioned		
Vertical/undercut	E	E	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	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	EC	NO	NO	EC	NO	NO	NO	NO	SC
CHANNEL										
Channel substrate	P	P	CO	P	BO	CO	CO	P	P	CO
Flow type	RP	UW	RP	SM	RP	RP	RP	SM	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	RO	RO	RO	RO	RO	NO	NO	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	EC	EC	SC	NO	NO	NO	SC	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

	/	/	/	/	/	/	E	/	/	/
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)	1.0	Bankfull width (m)	3.5	Banktop height (m)	1.0
Banktop = Bankfull ?	Y	Water width (m)	2.0	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		
	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
				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 sedge, 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)	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: 14777

Grid reference: SW 909639 River: DELETED 2581

Date: 8 /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 10/02/1998

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)		
Orchard (OR)			Tilled land (TL)		
Woodland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Water (WC)			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		
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	None	Present	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 (>33%)	None	Present	E (>33%)
Waterfall(s)				Marginal dead-water		
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)		
Poof(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

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 trushline 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		
	X											
Weirs												
Shoices												
Culverts												
Bridges												

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	X	Artificial open water	Bog	Fringing root-bank
		Natural open water	Can	Floating mat
		Water meadow	Marsh	Other
		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, 6 = maree)

None X Giant hogweed Himalayan balsam Japanese knotwood 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)	41	Slope (m/km)	6.66	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	7.5	Significant tributary?	N	Navigation?	N
Height of source(m)	130	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: 14778

Grid reference: SW 897645 River: MENALHYL 2582

Date: 26/9 /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		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical
Terraced valley?	No <input checked="" type="checkbox"/> Yes	

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles	10	Unvegetated point bar	4
Pools	0	Vegetated point bar	6

Output created by IFE, Wareham on 10/02/1998

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)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)			Open water (OW)		
Tall herbs (TH)	E	/	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		
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		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		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)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	PB	EC	PB	SC	PB	EC	NO	VP	VP	SC

CHANNEL

Channel substrate	P	P	P	P	P	P	P	P	P	P
Flow type	SM	RP	RP	SM	UW	UW	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	NO	NO
Bank feature(s)	SC	VP	NO	NO	SC	VP	NO	NO	NO	VS

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	TH	TH	RP	BL	RP	TH	TH	TH	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	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	TH	RP	RP	TH	BL	BL	BL

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										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.75	Bankfull width (m)	4.5	Banktop height (m)	0.75
Banktop = Bankfull?	Y	Water width (m)	3.25	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.15	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
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	Waterfalls >5m high <input type="checkbox"/>	Artificial open water <input type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input checked="" 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 checked="" 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 = brambles, 6 = moss)

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)	8	Slope (m/km)	8.33	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	5	Planform category	2
Distance from source(km)	7	Significant tributary?	N	Navigation?	N
Height of source(m)	104	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: 14779

Grid reference: SW 860670 River: GLUVIAN STREAM 2583
 Date: 27/9 1997 Time: 9.05 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 X symmetrical
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

Riffles 10 Unvegetated point bar 2
 Pools 0 Vegetated point bar 1

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radial/mixed woodland (BL)		/	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)		E	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	Recessed		
Vertical + toe			Reinforced - whole bank	/	
Slope > 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	Present E (>33%)	None	Present E (>33%)	None
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)			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	PB	NO	NO	NO	NO	NO	NO	SC	SC

CHANNEL

Channel substrate	P	CO	P	P	P	P	P	P	P	P
Flow type	RP	RP	RP	UW	RP	SM	UW	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	RO	RO	RO	RO	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	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	BL	IG	IG	IG
LEFT BANK-TOP	S	S	U	U	U	U	S	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	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SC	SC	SC	SC	SC	SC	SC	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					/	/		/	/	/

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.0	Bankfull width(m)	3.75	Banktop height(m)	0.75
Banktop = Bankfull?	N	Water width(m)	2.5	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) = 6.0
 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		
Calverts				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		Pringing root-bank
Debris dam		Water meadow		Carr
Leafy debris	X	Fen		Marsh
				Flush

P CHOKED CHANNEL

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

Q NOTABLE NUISANCE PLANTS

(Others: 1 = *Sagittaria*, 2 = *Rhododendron*, 3 = *Bracteantha*, 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: Adjacent land used as complete.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14780

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

Altitude(m)	131	Slope (m/km)	20	Flow category (1-10)	1
BGS Solid geology code	76	BGS Drift geology code	0	Planform category	2
Distance from source(km)	4	Significant tributary?	N	Navigation?	N
Height of source(m)	104	Water Quality class	1.5	RHS Segment type	8

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

Reference site number: 14780

Grid reference: SW 936670 River: MENALHYL 2577

Date: 25/9 /1997 Time: 9.15 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	0	Unvegetated point bar	0
Pools	2	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Salix/mixed woodland (BL)	/	E	Rough pasture (RP)	/	
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	
Orchard (OR)			Tilled land (TL)		E
Wetland/heath (MH)	E	E	Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)	/		Open water (OW)		
Tern 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	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		Marginal deadwater		
	None	Present	None	Present	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	-	-	-	Mahure 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	P	CO	CO	CO	P	P	P	CO	P	NV
Flow type	RP	SM	RP	SM	SM	RP	RP	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	RO	RO	RO	RO	RO	RO	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

	BL	RP	SC	SC	BL	BL	BL	BL	MH	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	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	MH	BL

G CHANNEL VEGETATION TYPES

	E	E+	E	E	E	E	/	/	MV	NV
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										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.75	Bankfull width(m) 3.5 Banktop height(m) 2.25
Banktop = Bankfull?	Y	Water width(m) 1.5 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		
	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	-	-	-
Braided/side channels	-	-	-
Debris dam	X	Water meadow	Marsh
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 = nettle, 2 = ribwort's edelweiss, 3 = bracken, 4 = ground elder, 5 = bramble, + others)

None 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 Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	50	Slope (m/km)	1.11	Flow category (1-10)	5
BGS Solid geology code	106	BGS Dnt1 geology code	6	Planform category	3
Distance from source(km)	45	Significant tributary?	N	Navigation?	N
Height of source(m)	152	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14781

Grid reference: SU 105311 River: WYLYE 6701

Date: 30/1/1997 Time: 12.30 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 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	9	Unvegetated point bar	0
Pools	1	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

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)		E
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	/	/	Reactioned	/	/
Vertical + toe			Reinforced - whole bank	/	/
Deep >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		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	Fallen trees	X -
Continuous	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 -
Riffles	- 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
Pooh(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	CC	EA	CC
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RI	RS	BM
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	SB	NO	NO
CHANNEL										
Channel substrate	G	G	G	G	SA	G	G	SA	SA	F
Flow type	SM	RP	SM	SM	SM	RP	RP	SM	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	RS	NO	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	MB
RIGHT BANK										
Material	EA	EA	GS	EA	EA	GS	GS	CO	EA	CC
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	EC	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	SC	SC	SC	BL	BL	CP	CP	SU	SU	SU
LEFT BANK-TOP	C	C	C	S	C	C	C	S	S	B
LEFT BANK FACE	C	C	C	S	S	S	C	S	S	B
RIGHT BANK FACE	S	S	U	U	U	B	S	S	B	B
RIGHT BANK-TOP	C	U	U	U	U	U	U	B	U	B
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	IG	IG	TH	IG	BL	BL	BL	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	/	/	E	/	/	/	/	/	/	/
Filamentous algae	/	/	/	/	/	/	/	/	/	/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK	
Banktop height(m)	2.0	Bankfull width (m)	12.7	Banktop height (m)
Banktop = Bankfull?	N	Water width (m)	10.2	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.2	Embanked height (m)
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			2	Revetments		
Sluices				Outfalls		
Culverts				Fords		
Bridges	2		1	Deflectors		1
				Other		

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

N EVIDENCE OF RECENT MANAGEMENT

None	Dredging	Mowing	X	Wood-cutting
	Enhancement	Other?	X	

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 = brambles, 6 = more)

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

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts:
Land Management: PARKLAND
Animals:
Other significant observations: Fish defect downstream of site. Mallards.
String net fence on right bank for 20m. Narrow pipe across river causing riffs. Litter (bottles) present. Pool area by right bank. Wooden barriers & weirs to create riffs pool effect.

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)	70	Slope (m/km)	2	Flow category (1-10)	2
BGS Solid geology code	106	BGS Drift geology code	5	Planform category	3
Distance from source(km)	11	Significant tributary?	N	Navigation?	N
Height of source(m)	85	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14782

Grid reference: SU 70372 River: TILL 6710
 Date: 23 /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

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	1

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radial/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	/	/	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	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	EA	EA	EA	EA	EA	EA	EA	BR	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	RS	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	P	P	P
Flow type	RP	SM	SM	SM	SM	SM	SM	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	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)	NV	VP	NO	NO	NO	NO	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	IG	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	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	TH	IG	IG	IG	IG	IG	IG

G CHANNEL VEGETATION TYPES

NONE										
Liverworts/mosses/lichens	/	/	/		/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	/	E	/	/	/	/	/	/
Emergent reeds/bedges/rushes				/	/	/	/	/	/	/
Floating-leaved (rooted)	/	/	/	/	/	/	/	/	/	/
Free-floating				/	/	/	/	/	/	/
Amphibious										
Submerged broad-leaved	E	/	/	/	/	/	/	/	/	/
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)	1.13	Bankfull width (m)	10.0	Banktop height (m)	1.3
Banktop = Bankfull?	Y	Water width (m)	4.0	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) = 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	1	
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	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	
Leafy debris	X	Flush	

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

Q NOTABLE NUISANCE PLANTS (Other: 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: 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)	100	Slope (m/km)	4	Flow category (1-10)	2
BGS Solid geology code	99	BGS Drift geology code	0	Planform category	2
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	139	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: 14783

Grid reference: ST 922270 River: NADDER 6804

Date: 24/1 /1997 Time: 10.30 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 type="checkbox"/>	concave/bowl	<input type="checkbox"/>
deep vee	<input type="checkbox"/>	tymmetrical	<input type="checkbox"/>
gorge	<input checked="" type="checkbox"/>	asymmetrical	<input type="checkbox"/>
Terraced valley?	No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		

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 10/02/1998

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)		
Farmland/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	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top >45	E	E	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			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)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	EC	SC	EC	NO	NO	NO
CHANNEL										
Channel substrate	CO	SI	SI	SI	SI	*	SA	SA	SA	SA
Flow type	SM	SM	SM	SM	SM	RP	SM	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	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	PC(B)
Bank feature(s)	NO	VS	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	S	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	B	S	B	S	S	B
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	B
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										
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					/

L CHANNEL DIMENSIONS

LEFT BANK		CHANNEL		RIGHT BANK	
Banktop height(m)	1.6	Bankfull width (m)	10.6	Banktop height (m)	1.7
Banktop = Bankfull?	Y	Water width (m)	2.6	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) = 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			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
			X
	Enhancement	Other?	

O FEATURES OF SPECIAL INTEREST

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

P CROKED 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: SILTING
 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 14784

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

Altitude(m) 82 Slope (m/km) 4 Flow category (1-10) 3
 BGS Solid geology code 100 BGS Drift geology code 0 Platform category 3
 Distance from source(km) 10.5 Significant tributary? N Navigation? N
 Height of source(m) 139 Water Quality class 1.5 RHS Segment type 0

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

Reference site number: 14784

Grid reference: ST 947294 River: NADDER 6803

Date: 24/1/1997 Time: 12.10 Surveyor: DS Accred. code: MN59

Adverse conditions? No 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

F 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 0 Unvegetated point bar 1
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/mixed woodland (BL)			Rough pasture (RP)		
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)	/	/	Suburban/urban development (SU)	/	/
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified	/	/	Recessed		
Vertical + toe	/	/	Reinforced - whole bank		
Deep >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	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		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	

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	SB	NO
CHANNEL										
Channel substrate	CO	CO	CO	P	NV	P	NV	P	NV	*
Flow type	RP	SM	SM	SM	SM	SM	SM	SM	SM	*
Channel modification(s)	NO	NO	NO	NO	NO	NO	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	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	PB	NO	NO	SC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

	NV	NV	NV	NV	NV	NV	NV
NONE							
Liverworts/mosses/lichens	/				/		/
Emergent broad-leaved herbs							
Emergent reeds/wedges/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) 10.0	Banktop height (m) 2.0
Banktop = Bankfull? Y	Water width (m) 5.0	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		
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	Fringing reed-bank	
Braided/side channels	Natural open water	Car	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 X YES

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 (Comments may have been paraphrased!)

Major impacts: SULTING

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)	54	Slope (m/km)	3.33	Flow category (1-10)	4
BGS Solid geology code	106	BGS Drift geology code	6	Planform category	2
Distance from source(km)	28	Significant tributary?	N	Navigation?	N
Height of source(m)	139	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14786

Grid reference: SU 97308 River: NADDER 6801

Date: 29/1 /1997 Time: 11.00 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	<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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/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)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)	/	/
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified	/	/	Resectioned	/	E
Vertical/undercut			Reinforced - whole bank	/	/
Vertical + toe			Reinforced - top only	/	/
Step >45	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	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

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	BR	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	RI	NO	NO	NO	RS	RS	NO	NO	NO
Bank feature(s)	NO	NO	NO	VS	VS	NO	NO	VS	NO	NO

CHANNEL

Channel substrate	SI	AR	G	SI	G	SI	G	G	G	G
Flow type	SM	RP	SM	SM	SM	SM	SM	SM	SM	SM
Channel modification(s)	NO	RI	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	BR	EA	EA	EA	EA	EA	EA	EA	GS
Bank modification(s)	NO	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	WL	WL	TH	IG	IG	TH	IG	TH
LEFT BANK-TOP	U	U	U	U	U	S	U	U	U	S
LEFT BANK FACE	S	B	U	U	U	S	C	U	S	C
RIGHT BANK FACE	U	B	U	U	U	S	C	S	U	U
RIGHT BANK-TOP	S	B	S	S	S	S	U	U	C	U
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	TH	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										

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.8	Bankfull width (m) 14.5
Banktop = Bankfull?	N	Water width (m) 13.75
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 Xunkown

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	2			Deflectors		1
				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 = rhododendrus, 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: PARKLAND
Animals: WATER VOLE
Other significant observations: Probably resectioned as flows through landscaped park of stately home.

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) 3.33 Flow category (1-10) 2
 BGS Solid geology code 106 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 4 Significant tributary? N Navigation? N
 Height of source(m) 105 Water Quality class I RHS Segment type I

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

Reference site number: 14787

Grid reference: SU 43255 River: EBBLE 6902
 Date: 25/1/1997 Time: 9.35 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 X 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 2

Output created by IFE, Wareham on 10/02/1998

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	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
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	P	P	P
Flow type	SM	SM	SM	SM	RP	SM	RP	RP	RP	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	VB	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)	VP	NO	EC	VP	NO	SB	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	RP	BL	BL	BL	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	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)	TH	TH	TH	TH	TH	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	/	/	/	/	/	/	E	E	E	/
Submerged linear-leaved										
Submerged fine-leaved		/	/	/	/	E	E	/	/	/
Filamentous algae								/	/	E

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/mixed woodland (BL)	/		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)		
Sub (SC)			Open water (OW)		
Tall herbs (TH)		E	Suburban/urban development (SU)		
			Rock and scree (RS)		

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/handcut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		
Top >45	E	E	Reinforced - top only		
Shallow	/	/	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	-
Riffles	-	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)	1.1	Bankfull width (m)	11.0	Banktop height (m)
Banktop = Bankfull?	N	Water width (m)	7.5	Banktop = Bankfull?
Embanked height (m)	0.0	Water depth (m)	0.15	Embanked 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 X 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				
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:
 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)	43	Slope (m/km)	2.5	Flow category (1-10)	3
BGS Solid geology code	106	BGS Drift geology code	0	Planform category	2
Distance from source(km)	23	Significant tributary?	N	Navigation?	N
Height of source(m)	105	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14788

Grid reference: SU 164265 River: EBBLE 6901

Date: 14/1 /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

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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Badland/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)		
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	/	/
Deep >45	/	/	Reinforced - top only		
Shingle	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	None	Present E (>33%)	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		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	BR	BR	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	RS	RI	RI	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	SI	G	SI	G	SI	G	SI	SI	SI	G
Flow type	SM	SM	SM	SM	SM	SM	NP	SM	NP	NP
Channel modification(s)	NO	NO	NO	NO	NO	NO	RS	NO	NO	RS
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	BR	BR	EA
Bank modification(s)	NO	NO	PC	PC	PC	NO	NO	RI	RI	RS
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	IG	IG	IG	IG	BL
LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	BL	IG	IG	IG	IG	BL
LEFT BANK-TOP	C	S	S	C	S	C	U	U	U	S
LEFT BANK FACE	U	U	U	U	U	U	U	U	C	S
RIGHT BANK FACE	U	U	U	U	U	U	U	U	U	S
RIGHT BANK-TOP	U	U	U	S	S	U	U	U	U	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	TH	IG	IG	IG	TH	IG	IG	SU	IG

G CHANNEL VEGETATION TYPES

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

L CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.45	Bankfull width (m)	5.0
Banktop = Bankfull ?	Y	Water width (m)	4.0
Embanked height (m)	0.0	Water depth (m)	0.0
If flashline 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 type="checkbox"/> run or glide <input checked="" type="checkbox"/> other <input type="checkbox"/>			

M ARTIFICIAL FEATURES

	Major			Intermediate			Minor		
	Major	Intermediate	Minor	Major	Intermediate	Minor	Major	Intermediate	Minor
Weirs	1								
Sluices	1						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	X	Dredging		Mowing		Weed-cutting	
		Enhancement		Other?			

O FEATURES OF SPECIAL INTEREST

None					
Waterfalls >5m high		Artificial open water	X	Bog	
Braided/side channels	X	Natural open water		Carr	
Debris dam		Water meadow	X	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 slder, 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:	Lower reaches part of old mill leat. Upper reach neglected with poaching.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	115	Slope (m/km)	3.3	Flow category (1-10)	1
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	2
Distance from source(km)	6	Significant tributary?	N	Navigation?	N
Height of source(m)	170	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: 14789

Grid reference: SU 167612 River: DEANS WATER 6510

Date: 17/09/1997 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

<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	0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Decid/mixed woodland (DL)	E	E	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)	E	E
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			Reactioned		
Vertical/undercut			Reinforced - whole bank	/	/
Vertical + toe			Reinforced - top only		
Step >45			Reinforced - toe only	E	E
Bank toe	E	E	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	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

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	PC	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	SA	G	G	P	P	SI	G	SI
Flow type	RP	RP	RP	SM	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	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	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)	BL	BL	BL	BL	BL	BL	RP	RP	RP	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	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	RP	RP	RP	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					/	E	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.5	Bankfull width (m)	2.5	Banktop height (m)	0.5
Banktop = Bankfull?	Y	Water width (m)	2.5	Banktop = Bankfull?	Y
Embanked lower than slope	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		
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, + 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: Managed by Wiltshire Wildlife Trust

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	107	Slope (m/km)	2.85	Flow category (1-10)	1
BGS Solid geology code	105	BGS Drift geology code	6	Planform category	2
Distance from source(Lm)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	135	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: 14790

Grid reference: SU 160595 River: AVON 6509

Date: 16/09 /1997 Time: 18.00 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	3	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

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

BANK PROFILES

Barren/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	E	Reactioned		
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	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

K EXTENT OF CHANNEL FEATURES

Channel Feature	None		Present	
	X		X	
Cascade(s)	X			
Rapid(s)	X			
Riffle(s)				
Run(s)		X		
Boil(s)	X			
Slide(s)			X	
Pool(s)	X			
Ponded reach(es)	X			
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	

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	VS	NO	NO	NO	NO	SC	NO	NO	SC

CHANNEL

Channel substrate	G	G	P	P	G	G	P	P	P	G
Flow type	UW	RP	SM	RP	SM	SM	UW	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	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	NO	PC	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	BL	RP	IG	IG	IG	IG
LEFT BANK-TOP	S	S	S	U	S	S	U	U	U	U
LEFT BANK FACE	S	S	S	S	S	S	S	S	C	S
RIGHT BANK FACE	S	S	S	S	U	S	S	S	S	S
RIGHT BANK-TOP	S	S	U	U	S	U	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	TH	TH	TH	TH	RP	RP	RP	RP	RP	RP

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	/	/	/	/	E	/	/	E	E	/
Submerged linear-leaved										
Submerged fine-leaved										
Filamentous algae	/	/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	2.0	Bankfull width(m)	4.5	Banktop height(m)	1.5
Banktop = Bankfull?	N	Water width(m)	2.5	Banktop = Bankfull?	Y
Embanked height(m)	0.0	Water depth(m)	0.3	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 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	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:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	106	Slope (m/km)	3.33	Flow category (1-10)	1
BGS Solid geology code	105	BGS Drift geology code	6	Planform category	2
Distance from source(km)	5.5	Significant tributary?	N	Navigation?	N
Height of source(m)	135	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: 14791

Grid reference: SU 155594 River: AVON 6508
 Date: 16/09 /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
 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

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Admixed/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)		
Turf 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		
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	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					Coarse woody debris	X	

K EXTENT OF CHANNEL FEATURES

	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	VP	NO	NO	EC	NO	NO	NO	NO	NO

CHANNEL

	P	G	G	G	G	G	G	P	P	G
Channel substrate										
Flow type	SM	SM	SM	SM	RP	RP	SM	RP	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

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
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

	SU	BL	BL	BL	BL	BL	BL	TH	BL	TH
LAND USE WITHIN 5m OF BANKTOP (L)	SU	BL	BL	BL	BL	BL	BL	TH	BL	TH
LEFT BANK-TOP	U	S	S	S	S	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	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)	TH	BL	BL	BL	BL	BL	TH	TH	TH	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	/	/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.0 Bankfull width (m)	4.5 Banktop height (m)
Banktop = Bankfull? <input checked="" type="checkbox"/>	N Water width (m)	4.2 Banktop = Bankfull? <input checked="" type="checkbox"/>
Embanked height (m)	0.0 Water depth (m)	0.1 Embanked height (m)
		0.0

M ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
X	Weirs								
	Stuices								
	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	X
Waterfalls >5m high	Artificial open water
Braided/side channels	Natural open water
Debris dam	Water meadow
Leafy debris	Fen
	Bog
	Fringing reed-bank
	Carr
	Floating mat
	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 = 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)	98	Slope (m/km)	2	Flow category (1-10)	2
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	2
Distance from source(km)	7.5	Significant tributary?	N	Navigation?	N
Height of source(m)	135	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: 14792

Grid reference: SU 136585 River: AVON 6507

Date: 15/09 /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

<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	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Braided/mixed woodland (BL)	E	E	Rough pasture (RP)		
Coniferous plantation (CP)			Improved/hemi-improved grass (IG)		
Orchard (OR)			Tilled land (TL)		
Moorland/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/unmodified	L	R
Natural/unmodified					
Vertical/cut	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%)
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	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			
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	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	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	GP	GP	G	P	G	GP	SA
Flow type	RP	RP	SM	SM	SM	RP	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

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

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	/	/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.2	Bankfull width (m) *	Banktop height (m)	1.0	
Banktop = Bankfull?	N	Water width (m)	6.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.2	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	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		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 = 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)	95	Slope (m/km)	2	Flow category (1-10)	3
BGS Solid geology code	106	BGS Drift geology code	6	Planform category	2
Distance from source(km)	10.5	Significant tributary?	N	Navigation?	N
Height of source(m)	135	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: 14793

Grid reference: SU 133563 River: AVON 6506

Date: 15/09 /1997 Time: 14.30 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 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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	L	R	Rough pasture (RP)	L	R
Uniform 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)		
Herbs (TH)			Suburban/urban development (SU)		
			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		
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	<input checked="" type="checkbox"/>	
Isolated/scattered	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Overhanging boughs		<input checked="" type="checkbox"/>
Regularly spaced, single			Exposed bankside roots	<input checked="" type="checkbox"/>	
Occasional clumps			Underwater tree roots	<input checked="" type="checkbox"/>	
Semi-continuous			Fallen trees	<input checked="" type="checkbox"/>	
Continuous			Coarse woody debris		<input checked="" type="checkbox"/>

K EXTENT OF CHANNEL FEATURES

	None	Present E (>33%)	
Waterfall(s)	<input checked="" type="checkbox"/>		
Cascade(s)	<input checked="" type="checkbox"/>		
Rapid(s)	<input checked="" type="checkbox"/>		
Riffle(s)	<input checked="" type="checkbox"/>		
Run(s)	<input checked="" type="checkbox"/>		
Boil(s)	<input checked="" type="checkbox"/>		
Slide(s)		<input checked="" type="checkbox"/>	
Pool(s)	<input checked="" type="checkbox"/>		
Ponded reach(es)	<input checked="" type="checkbox"/>		
		Marginal deadwater	<input checked="" type="checkbox"/>
		Exposed bedrock	<input checked="" type="checkbox"/>
		Exposed boulders	<input checked="" type="checkbox"/>
		Unvegetated mid-channel bar(s)	<input checked="" type="checkbox"/>
		Vegetated mid-channel bar(s)	<input checked="" type="checkbox"/>
		Manure island(s)	<input checked="" type="checkbox"/>
		Unvegetated side bar(s)	<input checked="" type="checkbox"/>
		Vegetated side bar(s)	<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

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)	NK	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	G	G	G	G	NV	G	NV	G	G	SA
Flow type	RP	RP	SM	SM	SM	SM	SM	SM	RP	SM
Channel modification(s)	RI	NO	NO	RI	RI	RI	NK	NO	NO	RI
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	EC	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	U	U	U	S	U	U	U	U	U
LEFT BANK FACE	S	S	S	S	S	U	U	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S	U
RIGHT BANK-TOP	S	U	U	U	S	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	E	E	/	/	E
Emergent reeds/sedges/rushes	/	/		/	/	E	/	/	/	E
Floating-leaved (rooted)										
Free-floating			/	/						/
Amphibious	E	E	E		E	/				/
Submerged broad-leaved	/	/		/	/	/	/	/	/	/
Submerged linear-leaved										
Submerged fine-leaved	/	/	/	E	E	E	E	/	E	E
Filamentous algae	/	/			/					/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height (m)	0.8	Bankfull width (m)	7.5	Banktop height (m)	0.6
Banktop = Bankfull?	Y	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		
Sluices				Outfalls		
Culverts				Fords	I	
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	<input checked="" type="checkbox"/>	Weed-cutting	
	Enhancement	Other?			

O FEATURES OF SPECIAL INTEREST

None	<input checked="" type="checkbox"/>		
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: OVERDEEPENING

Land Management:

Animals:

Other significant observations: Swans

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	111	Slope (m/km)	3.33	Flow category (1-10)	2
BGS Solid geology code	106	BGS Drift geology code	0	Platform category	2
Distance from source(km)	5	Significant tributary?	N	Navigation?	N
Height of source(m)	140	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: 14794

Grid reference: SU 66605 River: ETCHILHAMPTON WATER 6513

Date: 18/09 /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	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

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

I BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Reactioned	/	/
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	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

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	RS	NO	NO	RS	RS	RS	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	G	G	G	G	G	G	G	G	G
Flow type	NP	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	RS	NO	NO	RS	RS	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)	TL	TL	TL	TL	BL	RP	RP	RP	RP	RP
LEFT BANK-TOP	C	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	U	S	S	S	U	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	NV									
Liverworts/mosses/lichens										
Emergent broad-leaved herbs		/		/					/	/
Emergent reeds/sedges/rushes		/	/	/	E	/	/	/	/	/
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)	Bankfull width (m)	Banktop height (m)
2.5	2.0	2.5
Banktop = Bankfull? N	Water width (m)	Banktop = Bankfull? N
	2.0	
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
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, + 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

1997 RIVER HABITAT SURVEY page 1 of 4 14795

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

Altitude(m) 95 Slope (m/km) 1.42 Flow category (1-10) 3
 BGS Solid geology code 106 BGS Drift geology code 0 Platform category 2
 Distance from source(km) 14 Significant tributary? N Navigation? N
 Height of source(m) 126 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: 14795

Grid reference: SU 128559 River: AVON 6512
 Date: 15/09 /1997 Time: 12.15 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
 deep vee X symmetrical
 gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIFFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 16/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/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
Vertical/unmodified					
Vertical/undercut		E	Reactioned	/	/
Vertical + toe			Reinforced - whole bank		
Top > 45			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	None	Present	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%)	
	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	EA	EA	EA	EA
Bank modification(s)	RS	NO	NO	RS	RS	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	NP	NP	SM	NP	NP	SM	SM	NP	SM	NP
Channel modification(s)	NO	NO	NO	RI	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	NO	NO	PC	RS	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	TH	TH	TH	TH	TH
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	IG	IG	IG	TH	TH	TH	TH	TH
LEFT BANK-TOP	U	U	S	U	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	U	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	U	S	S	S	U	S	S
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										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs	/	/	E	/	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			E							/
Submerged fine-leaved										
Filamentous algae	/		E		E	E		/		E

I CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.0	Bankfull width (m) 7.0	Banktop height (m) 1.2
Banktop = Bankfull?	Y	Water width (m) 6.0	Banktop = Bankfull? Y
Embanked height (m)	0.0	Water depth (m) 0.52	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		
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	X	Bog	Fringing reed-bank
Braided/side channels		Natural open water		Carr	Floating mat
Debris dam		Water meadow		Marsh	Other
Leafy debris		Fen		Fish	

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 X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals:
 Other significant observations: Bank on SP4 on both sides has been modified to form shallow pools of water. The true bank has been breached on L.B.

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

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

Altitude(m)	82	Slope (m/km)	1.12	Flow category (1-10)	4
BGS Solid geology code	106	BGS Drift geology code	6	Platform category	3
Distance from source(km)	24	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14796

Grid reference: SU 150490 River: AVON 6505

Date: 22/1 /1997 Time: 9.30 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		symmetrical	<input checked="" type="checkbox"/>
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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Braided/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)		
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
Vertical + toe			Reinforced - whole bank		
Step >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	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		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	EC	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	P	P	G
Flow type	SM	RP	RP	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)	RS	RS	RS	RS	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)	SC	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	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										
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	E	E	/	E
Filamentous algae	E	/	E	E	E	E	E	E	E	E

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.2	Bankfull width (m)	15.0	Banktop height (m)	1.3
Banktop = Bankfull?	Y	Water width (m)	11.5	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) = 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	X
Waterfalls >5m high	-
Braided/side channels	-
Artificial open water	-
Natural open water	-
Bog	-
Fringing reed-bank	-
Debris darts	-
Water meadow	-
Carr	-
Flowering mat	-
Leafy debris	-
Fen	-
Marsh	-
Other	-
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, + others)

None 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 Extensive Diseased alders? None Present Extensive

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

Altitude(m)	80	Slope (m/km)	1.11	Flow category (1-10)	4
BGS Solid geology code	106	BGS Drift geology code	6	Planform category	3
Distance from source(km)	26	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14797

Grid reference: SU 153476 River: AVON 6504

Date: 22/1/1997 Time: 13.30 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		concave/bowl
deep vee		symmetrical
gorge	<input checked="" type="checkbox"/>	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

Outlet created by IFE, Wareham on 10/02/1998

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
Orchard (OR)			Tilled land (TL)		
Farmland/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			Reactioned		
Vertical/handcut	/	/	Reinforced - whole bank		
Vertical + toe	/	/	Reinforced - top only		
Top >45	E	E	Reinforced - toe only		
Stepped			Artificial two-stage		
Composite			Poached		
			Embanked		
			Set-back embankments		

J EXTENT OF TREES AND ASSOCIATED FEATURES

TREES	None	Left	Right	ASSOCIATED FEATURES	None	Present E (>33%)
	Isolated/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 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	G	G	G	G	G	P	P	P	P	G
Flow type	SM	SM	SM	SM	SM	RP	RP	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	EC	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	BL	BL	BL	BL	IG	IG	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	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	IG	IG	IG	BL	BL	IG	IG	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	/	E	E	E	E	/	/	E	E	E
Submerged linear-leaved	/	/	/	/						
Submerged fine-leaved				/	E	E	/	/	/	/
Filamentous algae	E	E	E	E	E	E	E	E	E	E

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	0.7	Bankfull width (m)	17.0	Banktop height (m)	0.7
Banktop = Bankfull?	Y	Water width (m)	15.0	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 Xunknown

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, > 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)	72	Slope (m/km)	1.33	Flow category (1-10)	4
BGS Solid geology code	106	BGS Drift geology code	6	Planform category	3
Distance from source(km)	32	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14798

Grid reference: SU 163434 River: AVON 6503

Date: 22/1 /1997 Time: 15.30 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 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	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by JFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

Woodland/mixed woodland (BL)	L	R	Rough pasture (RP)	L	R
Coniferous plantation (CP)	E	/	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)		
Thicket/herbs (TH)	/	/	Suburban/urban development (SU)	/	/
			Rock and scree (RS)		

I BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	/	/	Resectioned		
Vertical + toe	/	/	Reinforced - whole bank		E
Step >45	E	E	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	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%)	
	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	BR	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS RI	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	SB	NO	NO	NO	VS	NO	NO
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	P	P	P
Flow type	RP	SM	RP	RP	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	NO	NO	NO	NO
RIGHT BANK										
Material	BR	WP	BR	WP	WP	EA	EA	EA	WP	WP
Bank modification(s)	RS RI	RS RI	RS RI	RS RI	RS RI	NO	NO	NO	RS RI	RS RI
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	SB	SB	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

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	E	E	E	E	/	/	/	/	/	/

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.1	Bankfull width (m)	18.0	Banktop height (m)	1.5
Banktop = Bankfull?	Y	Water width (m)	13.0	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 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 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)	67	Slope (m/km)	.9	Flow category (1-10)	5
BGS Solid geology code	106	BGS Drift geology code	5	Platform category	3
Distance from source(km)	37	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14799

Grid reference: SU 154412 River: AVON 6502

Date: 22/1 /1997 Time: 17.30 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 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	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Bedford/mixed woodland (BL)			Rough pasture (RP)		
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	E	E
Orchard (OR)			Tilled land (TL)		
Arable/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	/	/	Reconciled	E	E
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		E

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 (>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 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)	BM	RS	RS	BM	RS	RS	BM	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	SC
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	G	NV	NV
Flow type	RP	RP	RP	RP	SM	RP	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)	BM	RS	RS	BM	RS	RS	BM	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)										
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	B	B	B	B	B	B	B	B	B	B
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	IG

G CHANNEL VEGETATION TYPES

	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	/	/	/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.0	Banktop height (m)	1.0
Banktop = Bankfull?	Y	Banktop = Bankfull?	Y
Bankfull width(m)	20.0	Bankfull width(m)	20.0
Water width(m)	12.0	Water width(m)	12.0
Bankfull height(m)	0.0	Bankfull height(m)	0.0
Water depth(m)	0.5	Water depth(m)	0.5
Embankment height(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

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	Dredging	Mowing	Weed-cutting
	Enhancement	Other?	

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	

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:

Other significant observations: Conservation management and recreation of habitats

Berms:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14800

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

Altitude(m) 50 Slope (m/km) 1.11 Flow category (1-10) 5
 BGS Solid geology code 106 BGS Drift geology code 5 Platform category 2
 Distance from source(km) 52 Significant tributary? N Navigation? N
 Height of source(m) 126 Water Quality class 1 RHS Segment type 1

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

Reference site number: 14800

Grid reference: SU 127327 River: AVON 6501

Date: 25/1/1997 Time: 14.15 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 3 Unvegetated point bar 0
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

FE NO. 14800 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14800

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	E
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 screes (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/cut	E	/	Re-sectioned		
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	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%)
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	
Pook(s)	X		Vegetated side bar(s)	X	
Poached reach(es)	X		Discrete silt deposit(s)	X	
			Discrete sand deposit(s)		X

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14800

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	EC	EC	NO	EC	EC	EC	NO	NO
CHANNEL										
Channel substrate	P	P	P	G	G	G	P	G	G	P
Flow type	RP	SM	RP	RP	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	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	PC	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	SC	EC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

	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		/	E	/	/	/	/	/	/	/
Filamentous algae	E	/	/	/	/	/	/	/	/	E

1997 RIVER HABITAT SURVEY page 4 of 4 14800

I CHANNEL DIMENSIONS

	CHANNL	RIGHT BANK
Banktop height(m)	1.0	Bankfull width (m) 16.0
Banktop = Bankfull?	Y	Banktop height (m) 1.0
Embanked height (m)	0.0	Water width (m) 11.5
		Banktop = Bankfull? Y
		Water depth (m) *
		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

	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 Dredging Mowing Wood-cutting
 Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	X			
Waterfalls >5m high		Artificial open water		Bog
Braided/side channels		Natural open water		Fringing reed-bank
Debris dam		Water meadow		Marsh
Leafy debris		Fen		Other
				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: DRAGON/DAMSEL/FLIES

Other significant observations: Water vole burrows.

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14801

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

Altitude(m) 46 Slope (m/km) .9 Flow category (1-10) 6
 BGS Solid geology code 106 BGS Drift geology code 6 Planform category 2
 Distance from source(km) 57 Significant tributary? N Navigation? N
 Height of source(m) 126 Water Quality class 1 RHS Segment type 1

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

Reference site number: 14801

Grid reference: SU 148292 River: AVON 6413

Date: 14/1/1997 Time: 15.00 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 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

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	E
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	/	/	Re-sectioned		
Vertical + toe			Reinforced - whole bank	/	
Top >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	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		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	GA	EA	EA	EA	EA	SP	EA
Bank modification(s)	NO	RS	NO	RI	NO	NO	NO	NO	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	SI	P	G	G	G	G	SA	NV	NV	G
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	MI	MI	MI	MI	MI	NO	NO	NO

RIGHT BANK

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Material	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	PC	PC	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	IG	IG	IG	IG	IG	IG	TH	IG
LEFT BANK-TOP	U	U	U	U	S	S	S	B	U	U
LEFT BANK FACE	S	U	U	S	S	S	S	S	U	U
RIGHT BANK FACE	S	U	S	U	U	U	S	U	S	S
RIGHT BANK-TOP	U	U	S	U	U	U	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	IG	IG	RP	RP	IG	IG	IG	RP	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)	Bankfull width (m)	Banktop height (m)
0.9	35.0	0.65
Banktop = Bankfull? Y	Water width (m)	Banktop = Bankfull? N
	31.0	
Embanked height (m)	Water depth (m)	Embanked height (m)
0.0	0.55	0.0

If trashline lower than break in slope, indicate: height above water(m) = 0.75

Bed material at site is: consolidated unconsolidated bankfull

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 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 = mare's tail)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased):

Major impacts:

Land Management: PARKLAND

Animals:

Other significant observations: Large river with island for much of its length.
 Right hand channel about 4m; left about 20m. LB parkland. Tributary enters at downstream end of island on RB. Island grazed by cattle recently.

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)	.9	Flow category (1-10)	6
BGS Solid geology code	106	BGS Drift geology code	6	Planform category	2
Distance from source(km)	58.5	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14802

Grid reference: SU 158287 River: AVON 6412

Date: 15/1 /1997 Time: 10.00 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	<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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

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

BANK PROFILES

Channel/unmodified	L	R	Artificial/modified	L	R
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 embankment		

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%)	
			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	-	-

Spt 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	EN	RS	BN	RS	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	G	G	P	G	G	G	P	G
Flow type	SM	SM	SM	SM	SM	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	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	VS	NO	NO
F BANKTOP LAND USE AND VEGETATION STRUCTURE										
LAND USE WITHIN 5m OF BANKTOP (L)										
LEFT BANK-TOP	S	U	U	U	U	U	U	U	S	U
LEFT BANK FACE	S	U	U	U	U	U	U	U	U	U
RIGHT BANK FACE	S	S	S	S	U	S	S	S	U	U
RIGHT BANK-TOP	U	U	U	U	S	U	U	C	S	U
LAND USE WITHIN 5m OF BANK TOP (R)										
	IG	IG	IG	TH	RP	RP	RP	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		/	/	/						/
Submerged linear-leaved										
Submerged fine-leaved	/	/	/	/	/	E	E	E	E	E
Filamentous algae										

L CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.9	Bank full width (m)	0.65
Banktop = Bankfull?	Y	Water width (m)	13.0
Embanked height (m)	0.0	Water depth (m)	0.4
		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	1	
Cuverts				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	X	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:

Land Management: ABANDONED LAND

Animals:

Other significant observations: Left bank 1/2 section is sewage works with one outfall. Dense Ran. Fla. in upper reach. Lower reach is grazed by swans.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	43	Slope (m/km)	.9	Flow category (1-10)	6
BGS Solid geology code	106	BGS Drift geology code	0	Planform category	2
Distance from source(km)	59.5	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14803

Ordn reference: SU 168285 River: AVON 6411
 Date: 15/1 /1997 Time: 8.00 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

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	0	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

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)		
Woodland/heath (MH)		Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)		Suburban/urban development (SU)	/	
Herbs (TH)	/	Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/handcut	E	E	Resectioned		
Vertical + toe			Reinforced - whole bank		
Top >45	/	/	Reinforced - top only		
Stable	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		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

Waterfall(s)	X	None	Marginal deadwater		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	

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	G	G	G	G	G	G	G	G	G	GP
Flow type	SM	SM	SM	RP	SM	SM	RP	RP	RP	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	MI	MI	MI	MI	MI	MI	NO	MI	MI	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	IG	IG	IG	IG	TH	SU	TH	BL	BL
LEFT BANK-TOP	U	S	U	S	S	U	U	S	S	C
LEFT BANK FACE	S	U	U	S	U	U	U	U	U	S
RIGHT BANK FACE	C	S	U	U	S	S	U	U	U	U
RIGHT BANK-TOP	C	S	U	U	S	S	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	BL	TH	TH	TH	TH	TH	TH	TH	TH	TH

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					/					/

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	0.8	Bankfull width (m)	32.0	Banktop height (m)	0.8
Banktop = Bankfull?	Y	Water width (m)	30.0	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.4	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
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, + 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: **Recent management methods include tree cutting and bank fencing.**

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	40	Slope (m/km)	.76	Flow category (1-10)	6
BGS Solid geology code	106	BGS Drift geology code	5	Planform category	2
Distance from source(km)	61.5	Significant tributary ?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14804

Grid reference: SU 174269 River: AVON 6410

Date: 14/1/1997 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 type="checkbox"/>	X	symmetrical
gorge	<input type="checkbox"/>		asymmetrical
Terraced valley?	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>		

NUMBER OF RIFLES, POOLS AND POINT BARS

Rifles	2	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

II 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)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified			Reconditioned		
Vertical/undercut	E	/	Reinforced - whole bank		
Vertical + toe			Reinforced - top only		
p > 45	/	/	Reinforced - toe only		
Composite		E	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		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)	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)	PC	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	G	G	G	G	G	G	G	G
Flow type	SM	SM	SM	SM	SM	SM	SM	RP	SM	RP
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	MI	MI	MI	MI	MI	MI	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	IG	TH	TH	TH	TH	TH	BL	BL	BL
LEFT BANK-TOP	U	S	S	S	S	S	C	S	S	S
LEFT BANK FACE	S	S	S	U	S	U	S	U	U	U
RIGHT BANK FACE	S	S	S	S	S	S	U	U	U	U
RIGHT BANK-TOP	S	C	S	C	S	C	U	U	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	TH	IG	TH	IG	IG	TH	IG	WL	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									E	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.7	Bankfull width (m)	25.0	Banktop height (m)	0.5
Banktop = Bankfull ?	Y	Water width (m)	20.0	Banktop = Bankfull ?	Y
Embanked height (m)	0.0	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 <input type="checkbox"/> unconsolidated <input 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
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		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	X	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 = 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: Large river with mature island. Channel much more narrow on left side of island. There are 3 island s with wet boggy areas around and adjoining them in places. Willow planted on island with dense nettle undergrowth.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	35	Slope (m/km)	.76	Flow category (1-10)	6
BGS Solid geology code	106	BGS Drift geology code	5	Planform category	2
Distance from source(km)	68.5	Significant tributary?	N	Navigation?	N
Height of source(m)	126	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: 14805

Grid reference: SU 177209 River: AVON 6409

Date: 7/1 /1997 Time: 11.00 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 concave/bowl

deep vee X symmetrical

gorge asymmetrical

Terraced valley? No Yes

NUMBER OF RIPPLES, POOLS AND POINT BARS

Ripples 0 Unvegetated point bar 0

Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

II 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)		
Sub (SC)	/		Open water (OW)		
Herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/undercut			Recessed	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	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	EA	EA	EA	EA	EA
Bank modification(s)	RS	NO	RS	PC	RS	PC	RS	PC	RS	PC
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	NV	NV	GP	P	GP	GP	GP	P	GP	GP
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)	RS	NO	NO	NO	NO	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

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

G CHANNEL VEGETATION TYPES

NONE								*		
Liverworts/mosses/lichens								10	*	
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

	CHANNEL	RIGHT BANK
Banktop height(m)	2.0	Banktop height (m) 1.0
Bankfull width (m)	17.0	Banktop = Bankfull? Y
Banktop = Bankfull? N	Water width (m) 16.0	Banktop = Bankfull? Y
Embanked height (m) 0.0	Water depth (m) *	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 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 X
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, * = moss)

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 14806

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

Altitude(m) 33 Slope (m/km) .76 Flow category (1-10) 6
 BGS Solid geology code 106 BGS Drift geology code 5 Planform category 1
 Distance from source(km) 71 Significant tributary? N Navigation? N
 Height of source(m) 126 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: 14806

Grid reference: SU 176188 River: AVON 6408

Date: 7/1 /1997 Time: 13.00 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 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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
adleaf/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	/	/	Resectioned	E	E
Vertical + toe			Reinforced - whole bank		
p > 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	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		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	NO	RS	RS	RS	RS	RS	RS	RS
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

	G	G	G	G	G	GP	G	P	P	GP
Channel substrate										
Flow type	SM	SM	SM	SM	SM	SM	SM	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

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
Material										
Bank modification(s)	RS	RS	RS	PC	NO	RS	RS	PC	RS	PC(B)
Bank feature(s)	NO	NO	NO	EC	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)										
LEFT BANK-TOP	U	U	U	U	U	U	U	U	U	S
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	S	U	U	U	U	U	U	U	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	IG	IG	IG	IG	IG	IG	BL	RP

G. CHANNEL VEGETATION TYPES

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

L. CHANNEL DIMENSIONS

	CHANNEL		RIGHT BANK		
LEFT BANK					
Banktop height(m)	2.0	Bankfull width (m)	17.0	Banktop height (m)	2.0
Banktop = Bankfull?	N	Water width (m)	16.0	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	*	Embanked height (m)	0.0

If trahline lower than break in slope, indicate: height above water(m) = 1.0
 Bed material at site is: consolidated unconsolidated Xunknow

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

M. ARTIFICIAL FEATURES

None	Major			Intermediate			Minor		
X	Weirs						Revetments		
	Stakes						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 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	E	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 (Other: 1 = nettles, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = brambles, + more)

None X Giant hogweed Himalayan balsam Japanese knotwood Other?

R. OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impacts:
 Land Management:
 Animals: DRAGON/DAMSELFLIES
 Other significant observations: Deep river running through dammed water meadow system (on RB).

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)	27	Slope (m/km)	.9	Flow category (1-10)	7
BGS Solid geology code	108	BGS Drift geology code	6	Planform category	2
Distance from source(km)	76	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14807

Grid reference: SU 149140 River: AVON 6407
Date: 25/09 /1997 Time: 12.00 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	<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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/>		

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 10/02/1998

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	E
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Urban/industrial (UI)			Suburban/urban development (SU)		
Other (O)			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		
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	X		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	X	
Cascade(s)	X			Exposed bedrock	X	
Rapid(s)	X			Exposed boulders	X	
Riffle(s)	X			Unvegetated mid-channel bar(s)	X	
Ran(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	GS	EA	EA	EA	EA	EA	GS	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	G	NV	NV	SI	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)	MI	MI	NO	NO	NO	NO	NO	NO	NO	NO

RIGHT BANK

Material	NV	EA	EA	NV	NV	EA	EA	EA	NV	NV
Bank modification(s)	NK	NO	NO	NO	NO	NO	NO	NO	NO	NO
Bank feature(s)	NV	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	BL	TH	TH
LEFT BANK-TOP	S	S	S	U	S	S	U	C	S	S	S
LEFT BANK FACE	S	U	U	U	S	U	U	S	U	U	U
RIGHT BANK FACE	NV	U	S	U	U	U	S	U	U	U	U
RIGHT BANK-TOP	NV	U	S	S	S	S	C	S	U	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	NV	IG	IG	IG	IG	IG	IG	IG	TH	IG	IG

G CHANNEL VEGETATION TYPES

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

I. CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	38.0	Banktop height (m)	1.5
Banktop = Bankfull?	Y	Water width (m)	32.0	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			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"/>	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 (Observe 1 = garden, 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: ABANDONED LAND PARKLAND
Animals: DRAGON/DAMSEL/FLIES
Other significant observations: Wide & deep river; heavily vegetated. The substrate is probably gravel / pebbles with silt bank fringed with Glyceria.
Biological monitoring site. Last transect moved to about 10m below fence around children's play area.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14809

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

Altitude(m) 23 Slope (m/km) .9 Flow category (1-10) 7
 BGS Solid geology code 109 BGS Drift geology code 5 Planform category 2
 Distance from source(km) 79 Significant tributary? N Navigation? N
 Height of source(m) 126 Water Quality class 1 RHS Segment type 1

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

Reference site number: 14809

Grid reference: SU 147117 River: AVON 6405

Date: 26/1/1997 Time: 12.00 Surveyor: DS Accrod. 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 0 Unvegetated point bar 1
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14809

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
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Open water (OW)			Open water (OW)		
Tall herbs (TH)	/	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		
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	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		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 14809

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	NV	NV	P	P	P	P	P	NV	NV	NV
Flow type	SM	SM	SM	SM	SM	RP	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

	TH	TH	IG	IG	IG	IG	IG	IG	IG	IG
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)	TH	TH	TH	BL	BL	BL	BL	TH	BL	IG

G CHANNEL VEGETATION TYPES

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

1997 RIVER HABITAT SURVEY page 4 of 4 14809

L CHANNEL DIMENSIONS

	LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	1.0	Bankfull width (m)	36.0
Banktop = Bankfull?	Y	Water width (m)	33.5
Embanked height (m)	0.0	Water depth (m)	0.8
		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
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 = brambles, + more)

None 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:

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	20	Slope (m/km)	1	Flow category (1-10)	7
BGS Solid geology code	109	BGS Drift geology code	6	Planform category	3
Distance from source(km)	82.5	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14810

Grid reference: SU 144092 River: AVON 6404

Date: 26/1 /1997 Time: 15.35 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	<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	1
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

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

CHANNEL

Channel substrate	P	P	P	NV	P	P	P	P	P	P
Flow type	RP	SM	SM	SM	SM	RP	RP	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	MB	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	SC	NO	NO	SC	PB	SC	NO	EC

F BANKTOP LAND USE AND VEGETATION STRUCTURE

LAND USE WITHIN 5m OF BANKTOP (L)	TH	TH	TH	TH	TH	BL	BL	TH	TH	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	B	S	S	S	S	S	S	S	B	B
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	BL	IG	IG	IG	IG	IG

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	/	/	E	/	E	E	E	E
Filamentous algae			/	/	/	/	/	/	/	/

H 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)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Shrub (SC)			Open water (OW)		
Tall herbs (TH)	E		Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut	E	/	Resectioned		
Vertical + toe		/	Reinforced - whole bank		
Top >45	/	E	Reinforced - top only		
Shallow	/	/	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		
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	

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.0	Bankfull width (m)	25.0	Banktop height (m)	1.0
Banktop = Bankfull?	Y	Water width (m)	23.0	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(n) = 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		
	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	Artificial open water	Bog	Fringing reed-bank	X
	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 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:

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)	13	Slope (m/km)	1	Flow category (1-10)	6
BGS Solid geology code	109	BGS Drift geology code	5	Planform category	2
Distance from source(km)	88.5	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14811

Grid reference: SU 145051 River: AVON 6403
 Date: 27/1 /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

PREDOMINANT VALLEY FORM

shallow vee		concave/bowl
deep vee	<input checked="" type="checkbox"/>	symmetrical
gorge		asymmetrical
Terraced valley?	No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	

NUMBER OF RIFFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

adleaf/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)		Suburban/urban development (SU)	E /
Rock and scree (RS)			

BANK PROFILES

Natural/unmodified	L	R	Artificial/modified	L	R
Vertical/undercut			Resectioned		
Vertical + toe			Reinforced - whole bank	E	
p > 45	/	E	Reinforced - top only		
Reinforced - toe 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	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

Waterfall(s)	X	None	Marginal deadwater	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	
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	BR	CC	EA	EA
Bank modification(s)	RI	NO	NO	NO	NO	NO	RS	RS	RI	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	CO	CO	P	P	CO	P	P	P	P	P
Flow type	SM	SM	SM	SM	SM	SM	SM	RP	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	BR	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	NO	RS	RI	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)	SU	SU	IG	TH	BL	BL	SU	SU	SU
LEFT BANK-TOP	B	B	U	S	S	S	B	B	B
LEFT BANK FACE	S	S	S	S	S	S	B	B	S
RIGHT BANK FACE	S	B	S	S	S	S	S	S	S
RIGHT BANK-TOP	B	B	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	SU	SU	SU	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	/	/	/	/	E	/	E	/	E
Filamentous algae	/	/	/	/	/	/	E	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	1.7	Bankfull width (m)	14.0	Banktop height (m)	1.4
Banktop = Bankfull?	N	Water width (m)	10.0	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 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 <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	X	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 = chododendrus, 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
 Land Management:
 Animals: 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) 5 Slope (m/km) .6 Flow category (1-10) 7
 BGS Solid geology code 109 BGS Drift geology code 5 Planform category 3
 Distance from source(km) 102 Significant tributary? N Navigation? N
 Height of source(m) 140 Water Quality class 1 RHS Segment type 1

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

Reference site number: 14812

Grid reference: SZ 150976 River: AVON 6402
 Date: 19/9 /1997 Time: 11.45 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 RIFLES, POOLS AND POINT BARS

Rifles 0 Unvegetated point bar 0
 Pools 0 Vegetated point bar 0

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radical/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					
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		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		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	NV	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	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	NV	G	NV	NV	NV	G	G	G
Flow type	SM	SM	SM	SM	SM	SM	NP	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

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

F BANKTOP LAND USE AND VEGETATION STRUCTURE

	IG	IG	BL	BL	IG	IG	IG	IG	RP
LAND USE WITHIN 5m OF BANKTOP (L)	IG	IG	BL	BL	IG	IG	IG	IG	RP
LEFT BANK-TOP	U	U	S	C	U	U	U	U	S
LEFT BANK FACE	B	U	S	S	S	U	U	U	U
RIGHT BANK FACE	S	S	U	B	U	U	U	U	U
RIGHT BANK-TOP	S	S	S	U	U	S	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)	RP	RP	RP	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			/	/	E	E	/	/	/	/
Submerged linear-leaved	/	/	/	/	/	/	/	/	/	/
Submerged fine-leaved	E	E	E	E	/	/	/	E	E	E
Filamentous algae										

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK
Banktop height(m)	0.9	Bankfull width(m) 20.0
Banktop = Bankfull?	Y	Banktop = Bankfull? Y
Embanked height(m)	0.0	Water depth(m) 1.3
		Embanked height(m) 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		
Stuices				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

F CHOKED CHANNEL

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

Q NOTABLE NUISANCE PLANTS (Others 1 = sycamore, 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: Deep slow flowing fishing river. Small willow carr understorey of Glycyrris. Diverse macrophytes community.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	2	Slope (m/km)	.6	Flow category (1-10)	7
BGS Solid geology code	109	BGS Drift geology code	5	Planform category	3
Distance from source(km)	105.5	Significant tributary?	N	Navigation?	N
Height of source(m)	126	Water Quality class	1	RHS Segment type	1

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

Reference site number: 14813

Grid reference: SZ 157944 River: AVON 6401

Date: 27/1 /1997 Time: 12.00 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		concave/bowl	
deep vee			<input checked="" type="checkbox"/> symmetrical
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, Warrham on 10/02/1998

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)			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	/	
p > 45	/		Reinforced - top only		
Single		E	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	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	
Glides		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	EA	EA	EA	EA	CC	CC
Bank modification(s)	EM	EM	EM	EM	EM	EM	EM	EM	RS	RS
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

LAND USE WITHIN 5m OF BANKTOP (L)	RP	RP	RP	RP	RP	RP	RP	RP	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	B
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	RP	RP	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/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)	0.5	Bankfull width (m)	32.0	Banktop height (m)	0.5
Banktop = Bankfull?	Y	Water width (m)	28.0	Banktop = Bankfull?	Y
Embanked height (m)	1.0	Water depth (m)	*	Embanked height (m)	0.0

If tracheine 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	
Shoals				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 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	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: HERON DRAGON/DAMSELFLIES

Other significant observations:

S ALDERS

Alders? None Present Extensive Discarded alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14814

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

Altitude(m) 116 Slope (m/km) 2.5 Flow category (1-10) 3
 BGS Solid geology code 105 BGS Drift geology code 0 Platform category 2
 Distance from source(km) 10 Significant tributary? N Navigation? N
 Height of source(m) 151 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: 14814

Grid reference: ST 869411 River: WYLYE 4709

Date: 31 /1997 Time: 14.24 Surveyor: JP Accord. 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 0 Unvegetated point bar 0
 Pools 1 Vegetated point bar 0

Output created by IFE, Wareham on 18/02/1998

FE NO. 14814 1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14814

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grass/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)		
Wetland (SC)			Open water (OW)		
Urban herbs (TH)			Suburban/urban development (SU)	/	/
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	E	E	Reconciled		
Vertical + toe			Reinforced - whole bank		
Sp > 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		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	

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14814

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	CC	EA	EA
Bank modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	RI	NK
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	G	F	F	G	G	SI	NV	NV	NV
Flow type	SM	SM	NP	NP	NP	NP	NP	SM	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

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

	SU	IG	IG	IG	TH	TH	TH	RP	TH	RP
LAND USE WITHIN 5m OF BANKTOP (L)	SU	IG	IG	IG	TH	TH	TH	RP	TH	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)	SU	IG	IG	RP	RP	RP	WL	WL	TH	TH

G CHANNEL VEGETATION TYPES

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

1997 RIVER HABITAT SURVEY page 4 of 4 14814

L CHANNEL DIMENSIONS

	CHANNL	RIGHT BANK
Banktop height(m)	0.75	Banktop height (m) 0.75
Banktop = Bank full?	Y	Banktop = Bank full? Y
Bankfull width (m)	12.0	Water width (m) 11.5
Embanked height (m)	0.0	Water depth (m) 0.3
Embanked height (m)		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
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 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 = brambles, > more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased!)

Major impact: ROUSING FISHERIES MANAGEMENT

Land Management:

Animals: DRAGON/DAMSELFLIES

Other significant observations: Swans and managed as fishery by Longleat estate.

Water level artificially high - shoices/dam DS of site.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14815

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

Altitude(m)	111	Slope (m/km)	2.5	Flow category (1-10)	3
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	2
Distance from source(km)	12	Significant tributary?	N	Navigation?	N
Height of source(m)	151	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: 14815

Grid reference: ST 873428 River: WYLYE 6708

Date: 2/1 /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	<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	1	Unvegetated point bar	0
Pools	0	Vegetated point bar	0

Output created by IFE, Wareham on 10/02/1998

1997 RIVER HABITAT SURVEY: 500m SWEEP-UP page 3 of 4 14815

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Wetland/mixed woodland (BL)		E	Rough pasture (RP)	/	
Cumiflorous 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)	/	E
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Vertical/unmodified			Resectioned		
Vertical/undercut			Reinforced - whole bank	E	E
Vertical + toe			Reinforced - top only		
Composite	E	E	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	Present E (>33%)	None	Present E (>33%)	None
None					Shading of channel		
Isolated/scattered					Overhanging boughs		
Regularly spaced, single					Exposed bankside roots		
Occasional clumps	X				Underwater tree roots		
Semi-continuous		X			Fallen trees		
Continuous					Coarse woody debris		

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)			Discrete silt deposit(s)	X	
			Discrete sand deposit(s)	X	

1997 RIVER HABITAT SURVEY: TEN SPOT CHECKS page 2 of 4 14815

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	WP	WP	CC	WP	CC	WP	EA	EA	EA	EA
Bank modification(s)	RI	RI	RI	RI	RI	RI	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	G	GP	NV	NV	SI	SI	SI	NV	NV	NV
Flow type	SM	RP	NP	NP	NP	SM	NP	SM	NP	SM
Channel modification(s)	NO	NK	RS	RS	RS	RS	RS	NK	NK	NK
Channel feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
RIGHT BANK										
Material	WP	WP	CC	WP	WP	EA	EA	EA	EA	EA
Bank modification(s)	RI	RI	RI	RI	RI	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

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

G CHANNEL VEGETATION TYPES

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

1997 RIVER HABITAT SURVEY page 4 of 4 14815

I CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.25	Bankfull width (m)	9.0	Banktop height (m)	0.25
Banktop = Bankfull?	Y	Water width (m)	8.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.9	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	3			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
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 = 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 MILL

Land Management:

Animals:

Other significant observations: Swan - lots of meadowswamp.

S ALDERS

Alders? None Present Extensive Diseased alders? None Present Extensive

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

Altitude(m)	106	Slope (m/km)	2.85	Flow category (1-10)	3
BGS Solid geology code	105	BGS Drift geology code	0	Planform category	3
Distance from source(km)	13.5	Significant tributary?	N	Navigation?	N
Height of source(m)	151	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: 14816

Grid reference: ST 879440 River: WYLYE 6707

Date: 2/1 /1997 Time: 13.25 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 RIFLES, POOLS AND POINT BARS

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

Output created by IFE, Wareham on 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Wetland/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)		
Sub (SC)			Open water (OW)		
Tall herbs (TH)	/	/	Suburban/urban development (SU)	E	
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Natural/unmodified					
Vertical/undercut	/	/	Resectioned		
Vertical + ice			Reinforced - whole bank	/	/
Top >45	E	E	Reinforced - top only		
Wide			Reinforced - ice 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 (>33%)	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	

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)	VP	NO	SC	NO	VP	NO	NO	NO	NO	NO
CHANNEL										
Channel substrate	GP	P	P	P	P	P	G	G	G	G
Flow type	RP	RP	SM	RP	RP	RP	SM	SM	SM	SM
Channel modification(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Channel feature(s)	NO	NO	NO	NO	MB	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	VP	VS	VS	NO	VP	NO	NO	NO	NO

F BANKTOP LAND USE AND VEGETATION STRUCTURE

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

G CHANNEL VEGETATION TYPES

VEGETATION TYPE	1	2	3	4	5	6	7	8	9	10
NONE										
Liverworts/mosses/lichens										
Emergent broad-leaved herbs	/	/	/	/	/	/	/	E	/	E
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	E
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)	2.0	Bankfull width(m)	4.5	Banktop height(m)	2.75
Banktop = Bankfull?	N	Water width(m)	5.5	Banktop = Bankfull?	N
Embanked height(m)	0.0	Water depth(m)	0.55	Embanked height(m)	0.0

If bankline lower than break in slope, indicate: height above water(m) = 0.65

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 <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 checked="" type="checkbox"/>	Bog <input type="checkbox"/>	Fringing reed-bank <input type="checkbox"/>
	Bridges/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 = gullweed, 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:	HOUSING
Land Management:	
Animals:	KINGFISHER
Other significant observations:	Swans and moorhens

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) 2.85 Flow category (1-10) 3
 BGS Solid geology code 106 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 14.5 Significant tributary? N Navigation? N
 Height of source(m) 151 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: 14817

Grid reference: ST 894440 River: WYLYE 6706
 Date: 3/1/1997 Time: 11.30 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 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, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Deadleaf/mixed woodland (BL)	/	/	Rough pasture (RP)	/	E
Coniferous plantation (CP)			Improved/semi-improved grass (IG)	/	
Orchard (OR)			Tilled land (TL)		
Moorland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Arb (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/undecut	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	-	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)	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	RR	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
CHANNEL										
Channel substrate	G	NV	G	NV	NV	NV	G	SI	SI	SI
Flow type	SM	NP	NP	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	TR	NO	NO	NO	NO
RIGHT BANK										
Material	EA	EA	EA	EA	EA	EA	EA	EA	BR	BR
Bank modification(s)	NO	PC	RI	NO	PC	NO	NO	PC	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)										
	TH	RP	RP	TH	TH	BL	IG	BL	BL	BL
LEFT BANK-TOP	S	S	S	S	S	S	S	U	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	B	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	U	U
RIGHT BANK-TOP	S	U	C	S	U	S	S	S	U	U
LAND USE WITHIN 5m OF BANK TOP (R)										
	IG	IG	RP	RP	RP	RP	RP	RP	IG	IG
G CHANNEL VEGETATION TYPES										
NONE										
Liverworts/mosses/lichens	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	E	/	E	E	E	/	/	/	/
Floating-leaved (rooted)	/	/	/	/	/	/	/	/	/	/
Free-floating	/	/	/	/	/	/	/	/	/	/
Amphibious	/	/	/	/	/	/	/	/	/	/
Submerged broad-leaved	/	/	/	/	/	/	E	E	E	E
Submerged linear-leaved	E	E	/	E	/	/	/	/	/	/
Submerged fine-leaved	/	/	/	/	E	/	/	/	/	/
Filamentous algae	/	/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK	
Banktop height(m)	1.0	Bankfull width (m) 9.5	Banktop height (m) 1.0
Banktop = Bankfull? Y	Water width (m) 8.0	Banktop = Bankfull? Y	
Embanked height (m) 0.0	Water depth (m) 1.2	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	Major	Intermediate	Minor	Major	Intermediate	Minor	
X	Weirs						Revetments			
	Stitches						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, + more)

None Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS (Comments may have been paraphrased)

Major impacts: SLTLTG
 Land Management: PARKLAND
 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) 101 Slope (m/km) 2.85 Flow category (1-10) 3
 BGS Solid geology code 106 BGS Drift geology code 0 Planform category 2
 Distance from source(km) 15.5 Significant tributary? N Navigation? N
 Height of source(m) 151 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: 14818

Grid reference: ST 899435 River: WYLYE 6705

Date: 31 /1997 Time: 8.50 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

shallow vee concave/bowl
 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

Output created by IFE, Wareham on 10/02/1998

H LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Grassland/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)		
Sub (SC)			Open water (OW)		
Thal herbs (TH)			Suburban/urban development (SU)		
			Rock and scree (RS)		

BANK PROFILES

	L	R	Artificial/modified	L	R
Barren/unwooded					
Vertical/undercut	E	E	Resectioned		
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			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		Mature island(s)	X	
Glade(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	G	G	G	G	F	G	G	G	G	G
Flow type	SM	SM	RP	SM	RP	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	GS	EA	EA	CL	EA	CL	WP
Bank modification(s)	NO	NO	PC(B)	NO	NO	NO	NO	NO	NO	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)	RP	RP	RP	TH	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	B	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	B	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	TH	TH	RP	RP	RP	RP	RP	RP	RP	RP
G CHANNEL VEGETATION TYPES										
NONE										
Liverworts/mosses/lichens			/							/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	E
Emergent reeds/hedges/rushes	/	/	/	/	E	/	/	/	/	/
Floating-leaved (rooted)										
Free-floating						/				
Amphibious										
Submerged broad-leaved	/	E	E	/	/	E	E	E	E	E
Submerged linear-leaved										/
Submerged fine-leaved	/	/	E	E	/	/	/	/	/	E
Filamentous algae	/	/	/	/	/	/	/	/	/	/

L CHANNEL DIMENSIONS

	CHANNEL	RIGHT BANK
Banktop height(m)	0.35	Bankfull width (m) 9.0
Banktop = Bankfull?	Y	Banktop = Bankfull? Y
Embanked height (m)	0.0	Water width (m) 8.5
		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 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		
	Canals			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 (Other: 1 = nettles, 2 = chadweed, 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: FISHERIES MANAGEMENT

Land management:

Animals: KINGFISHER DRAGONDAMSELFLIES

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)	95	Slope (m/m)	2.5	Flow category (1-16)	4
BGS Solid geology code	106	BGS Drift geology code	6	Planform category	2
Distance from source(km)	17.5	Significant tributary?	N	Navigation?	N
Height of source(m)	151	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: 14819

Grid reference: ST 913424 River: WYLYE 6704
 Date: 2/1 /1997 Time: 12.50 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 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 10/02/1998

II LAND USE WITHIN 50m OF BANKTOP

	L	R		L	R
Radial/mixed woodland (BL)		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)		
Lake (LC)			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	E	E	Reinforced - top only		
Stable			Reinforced - toe only		
Composite			Artificial two-stage		
			Roached		
			Embanked	E	
			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	
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	
Glides		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	CC	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	EN	RS	EN	EM	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

CHANNEL

Channel substrate	P	P	G	G	G	G	G	G	G	G
Flow type	SM	SM	SM	SM	SM	SM	SM	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	BR	EA	EA	EA	EA	EA	EA	EA	EA	EA
Bank modification(s)	RS	RS	RS	RS	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	TH	RP	IG	IG	RP	RP	RP	*
LEFT BANK-TOP	S	S	S	S	S	S	S	S	*
LEFT BANK FACE	S	S	S	S	S	S	S	S	*
RIGHT BANK FACE	S	S	S	S	S	S	S	S	*
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	*
LAND USE WITHIN 5m OF BANK TOP (R)	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	/	/	/	/	/	/	/	/	/	/
Emergent broad-leaved herbs	/	/	/	/	/	/	/	/	/	/
Emergent reeds/sedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)	/	/	/	/	/	/	/	/	/	/
Free-floating	/	/	/	/	/	/	/	/	/	/
Amphibious	/	/	/	/	/	/	/	/	/	/
Submerged broad-leaved	/	E	E	E	E	E	E	E	E	E
Submerged linear-leaved	/	/	/	/	/	/	/	/	/	/
Submerged fine-leaved	E	/	/	/	/	/	/	E	/	/
Filamentous algae	/	E	E	E	E	E	E	E	E	E

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	1.0	Bankfull width (m)	11.5	Banktop height (m)	0.8
Banktop = Bankfull?	N	Water width (m)	7.5	Banktop = Bankfull?	Y
Embanked height (m)	0.0	Water depth (m)	0.4	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 X unknown -
 Location of measurement is: riffle - run or glide X other -

M ARTIFICIAL FEATURES

None	Major	Intermediate	Minor	Major	Intermediate	Minor
Wetns				Revetments		I
Slopes				Ourlalls		
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			X
Brided/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 = species, 2 = rhododendron, 3 = bracken, 4 = ground elder, 5 = bramble, 6 = more)
 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 Diseased alders? None X Present Extensive

1997 RIVER HABITAT SURVEY page 1 of 4 14820

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

Altitude(m)	73	Slope (m/km)	1.81	Flow category (1-10)	4
BGS Solid geology code	106	BGS Drift geology code	0	Planform category	2
Distance from source(km)	29.5	Significant tributary?	N	Navigation?	N
Height of source(m)	151	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: 14820

Grid reference: SU 3383 River: WYLYE 6703

Date: 23/1 /1997 Time: 16.00 Surveyor: DS Accred. code: MN59

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

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 10/02/1998

H 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)	E	/
Orchard (OR)			Tilled land (TL)		
Wetland/heath (MH)			Wetland (eg bog, marsh, fen)(WL)		
Sub (SC)			Open water (OW)		
Urban 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		
Top >45	E	E	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	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

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

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

RIGHT BANK

	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
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	IG	IG	IG	IG	IG	IG	IG	IG
LEFT BANK-TOP	S	S	S	S	S	S	S	S	S
LEFT BANK FACE	S	S	S	S	S	S	S	S	S
RIGHT BANK FACE	S	S	S	S	S	S	S	S	S
RIGHT BANK-TOP	S	S	S	S	S	S	S	S	S
LAND USE WITHIN 5m OF BANK TOP (R)	BL	BL	BL	BL	IG	IG	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	/	E	E	/	E	/	/	/	/
Submerged linear-leaved							/	E	E
Submerged fine-leaved	/	E	/	/	/	/	/	E	E
Filamentous algae	E	/	/	/	/	E	E	E	E

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL	RIGHT BANK			
Banktop height(m)	0.9	Bankfull width (m)	12.5	Banktop height (m)	1.3
Banktop = Bankfull?	Y	Water width (m)	10.5	Banktop = Bankfull?	N
Embanked height (m)	0.0	Water depth (m)	0.7	Embanked height (m)	0.8

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	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 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
Braided/side channels	-	Natural open water	-	Fringing reed-bank
Debris dam	-	Water meadow	-	Marsh
Leafy debris	X	Fen	-	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, + many)

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 Present Extensive

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

Altitude(m)	56	Slope (m/km)	1.11	Flow category (1-10)	5
BGS Solid geology code	106	BGS Drift geology code	5	Planform category	1
Distance from source(km)	40.5	Significant tributary?	N	Navigation?	N
Height of source(m)	151	Water Quality class	1	RHS Segment type	1

FIELD SURVEY DETAILS Please check form and tick box if any corrections are needed
Reference site number: 14821

Grid reference: SU 85344 River: WYLYE 6702
Date: 25/1/1997 Time: 11.45 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		concave/bowl	
deep vee		symmetrical	<input checked="" type="checkbox"/>
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

Outlet created by IFE, Wareham on 10/02/1990

II LAND USE WITHIN 50m OF BANKTOP

Woods/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)	
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	/	Resectioned	E	E
Vertical + toe			Reinforced - whole bank	/	
Top >45	/	E	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	X	X	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 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	NO	NO	NO	NO	NO
Bank feature(s)	NO	NO	NO	NO	NO	NO	EC	NO	EC	EC
CHANNEL										
Channel substrate	P	P	P	P	P	P	P	P	P	P
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)	RS	RS	RS	RS	RS	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	TH	TH	SU	SU	IG	IG	TH	IG	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	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 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/hedges/rushes	/	/	/	/	/	/	/	/	/	/
Floating-leaved (rooted)										
Fruo-floating	/	/	/	/	/	/	/	/	/	/
Amphibious										
Submerged broad-leaved										
Submerged linear-leaved										
Submerged fine-leaved	/	E	E	E	E	E	E	E	E	E
Filamentous algae	E	E	E	E	E	E	E	E	E	E

L CHANNEL DIMENSIONS

LEFT BANK	CHANNEL		RIGHT BANK		
Banktop height(m)	0.8	Bankfull width (m)	19.0	Banktop height (m)	16.0
Banktop = Bankfull?	Y	Water width (m)	14.0	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 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 Yes, <33% of site >33% of site X

N EVIDENCE OF RECENT MANAGEMENT

None X Dredging Mowing Wood-cutting
Enhancement Other?

O FEATURES OF SPECIAL INTEREST

None	X			
Waterfalls >5m high		Artificial open water	Bog	Fringing reed-bank
Braided/wide 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

None X Giant hogweed Himalayan balsam Japanese knotweed Other?

R OVERALL CHARACTERISTICS

Major impacts: HOUSING
Land Management:
Animals:
Other significant observations: Water vole burrows.

S ALDERS

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

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