

Charfield Angling Association

Mr. John Turner
2 Colston Close
Winterbourne Down
Bristol
BS36 1EW

26th August 2004

Dear Mr Turner

FISHERIES RESULTS FROM THE NATIONAL MONITORING PROGRAMME

Please find enclosed the results from the fishery survey undertaken by the Environment Agency on the 3rd of June 2004, on the reach used by your club. A location map is included showing where exactly we surveyed. This site, named, on the River, is surveyed as part of the Environment Agency's National Fisheries Monitoring Programme.

The survey was performed by sectioning off a 100 metre section of the river with nets (or using natural barriers) and then, using electric fishing equipment, fish were stunned and collected for measurement. Two runs along the section were completed which allows us to perform a statistical estimate of the total number of fish that are likely to be in this section of the river at that point. From this, and the lengths, an estimate of the biomass can also be made.

I hope this is useful information. If you have any questions about these surveys or would like any further information please phone me on 01684 864385 or you could email me at anna.elkin@environment-agency.gov.uk. I have also included a 'conditions of use' form as we are required to when sending out data.

I would like to take this opportunity to thank you for allowing us access to your water, the results are used to both identify local issues and nationally they feed into the 'State of the Environment' report which identifies issues and funding requirements for Government. The first page states the date of the next planned fishing and I hope you will allow us access to continue this valuable work. The local Fisheries Officer will contact you nearer to the time to arrange this.

Yours sincerely

Ecological Appraisal Officer

Environment Agency

Riversmeet House, Newtown Industrial Estate, Northway Lane, Tewkesbury, Glos. GL20 8JG

CONDITIONS OF USE
FOR ENVIRONMENT AGENCY DATA OR INFORMATION

INTRODUCTION

1. These conditions apply to data or information, in any format (called "Data"). Data do not include data or information, the rights in which are owned by third parties (called "Third Party Data"), even if the Agency supplies the Third Party Data with the Data.

OWNERSHIP

2. All intellectual property, moral and other rights in the Data and copies of the Data will continue to be owned by the Agency. None of the rights in the Data or those copies are transferred. All intellectual property, moral and other rights in Third Party Data and copies of Third Party Data will continue to belong to the relevant third parties.

3. Whenever possible any use of the Data shall acknowledge the Environment Agency's ownership of the Data where applicable by use of the words "Copyright @ Environment Agency."

USE OF DATA

4. The Data may only be used for your own personal or internal business purposes. The Data must not be used in any way for commercial gain, for example by rental, licence, sale or for providing commercial services. Use of Third Party Data, must be limited to statutory rights.

5. Written approval beforehand is required for any copying of the Data or combining the Data with, or incorporating the Data into, any other data, information or product, or reformatting or otherwise modifying, adding to or enhancing the Data. The Agency may, at its discretion, require a further agreement that may include commercial terms, including further payment.

USERS REQUIREMENTS

6. You accept that the Data and Third Party Data have not been prepared to meet your or anyone else's individual requirements and that it is your responsibility to ensure that the Data and Third Party Data meet your needs.

7. The Agency is not liable if the Data or Third Party Data fail to provide any particular facility or function or are otherwise not useful.

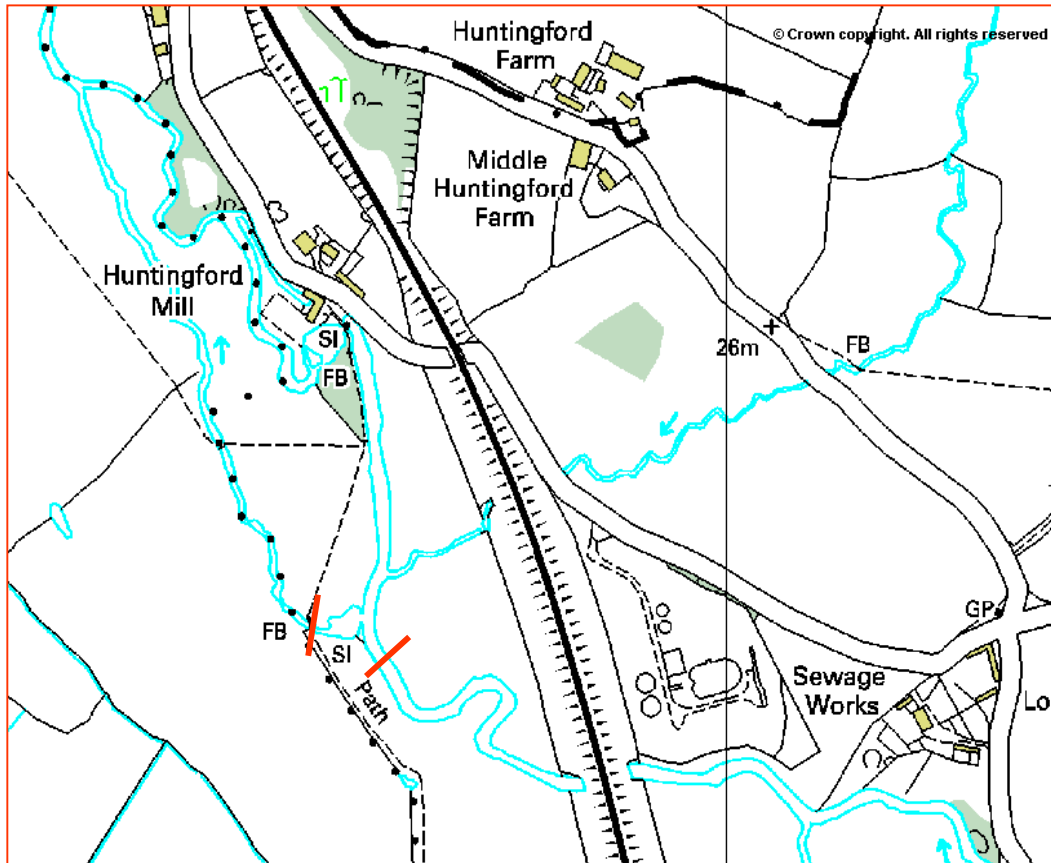
8. The Agency cannot ensure that the Data or Third Party Data will always be accurate, complete up to date or valid and it is accepted that the Agency cannot ensure that the Data or Third Party Data are not accurate, complete up to date or valid.

9. You are entirely responsible for the consequences of any use of the Data and Third Party Data and accept that the Agency shall not under any circumstances be liable to you for any physical damage to or loss of your tangible property or any indirect or consequential loss, damage, cost or expense of any kind, whether any of the above arise under contract tort (including negligence), an indemnity or contribution or otherwise.

10. These conditions do not affect any statutory rights.

Location Map

SITE: HUNTINGFORD MILL



Results

SITE: HUNTINGFORD MILL

Catchment: River Little Avon		Sub Catchment: River Little Avon	
Site Name: Huntingford Mill, d/s Railway Bridge		Site Code: SE_LAV_XXX_004	
Date of Survey: 03/06/2004		Next survey due: June 2009	
Grid Ref top: ST71736 93270		Grid Ref bottom: ST 71678 93320	
Survey Method: PDC e/f Wade		Purpose: Coarse Fish Spatial	
Length: 100m	Width: 13m	Depth: 0.4m	Area: 1300m²
Run 1: 20	Run 2: 10	Run 3: NA	

Angling Important Species

Table 1 Temporal total density estimate (Carle/Strub), number per 100m² of importance to anglers

Species	No. caught	min	max	Est. No	Est. Wt	Standing crop (g) per 100m ²
Brown Trout	3	152	212	3	228.26	17.559
Eels	24	190	590	28	1904.82	146.525
Grayling	2	222	253	2	277.7	21.361
Rainbow Trout	1	212	212	1	102.85	7.912
Totals	30			34	2513.64	193.357

Non-Angling Species

Table 2 Estimated numbers of other fish found

Species	Estimated Numbers
Bullhead	Abundant (100-999)
Minnow	Abundant (100-999)
Stone loach	Common (10-99)

Photos

Site: Huntingford Mill



1: Bottom of site looking upstream



2: Looking upstream to top of site



**3: Grayling
Comments**

This site appears to offer good diverse habitat suitable for trout. There are fast flowing riffle areas meaning the water is well oxygenated as well as deeper pools. It is a little disappointing to have only found 3 brown trout. The standing crop estimate is correspondingly a little disappointing at 193g per 100m². This site was last surveyed in 1999 when 11 trout and 3 grayling were caught. The estimated standing crop in 1999 was 355 g per 100m². The large pool down stream of the collapsed weir on the right hand bank was too deep to wade into during this survey meaning we were only able to electro-fish around the margins of it. This gives fish the opportunity to escape the effects of the electric-fishing and avoid being caught by moving into the deeper water. This pool is an area where one would expect to find trout. Therefore I would expect that our findings are an under estimate of the actual population present.

This site has been surveyed prior to these last two visits, in 1994 and 1990. In both the 1990 and 1994 survey coarse fish species were found (including roach, dace, chub and perch). In 1999 and this survey in 2004 no coarse fish species were found. This implies that there have been improvements in the water quality.