

Application form
Fisheries Project Grant
Iowa Chapter – American Fisheries Society

Project Name: Turkey River Experimental Boulder Placement

Project Description:

Successful fish habitat enhancement projects have been limited on larger size interior rivers for a number of reasons. An important habitat type identified on interior Iowa rivers is deep holes and associated large boulders which provide stable overhead cover. This habitat combination is extremely limited and never been attempted through artificial placement due to extreme variable physical nature of rivers. We would like to use an AFS fisheries grant to spearhead an experimental boulder placement project on the Turkey River at two locations. The first location is a coldwater reach in an alluvial gravel dominated reach adjacent to Big Spring Hatchery, which is highly used by anglers. This section is an important coldwater reach that lacks consistent deep holes and overhead cover. A second reach (yet to be selected) will consist of more stable bottom substrates such as bed rock and will be located within or immediately upstream of more consistent deep water habitat. Exact design of boulder placement patterns will be determined and project permits will be submitted if/when funding is secured.

Attach map or supplementary information

Project Location:

Water Body: Turkey River

Address: Big Spring hatchery 16212 Big Spring Road & in the City of Elkader
Elkader, Iowa County: Clayton

Start Date: September 2005

End Date: September 2006

Project Personnel:

Gary Siegwarth, David Gould, John Richmond, heavy equipment contractor

Fisheries Benefits

The boulder placement will improve fish habitat by providing deeper holes and overhead cover in areas of the Turkey River where it is now limited. This will attract and hold fish improving fishing for Turkey River anglers.

Iowa Chapter Representative: Gary Siegwarth

Grant Amount Requested: \$500.00 Total project cost: \$2500.00

Grant Money will be used for:

The grant money will be used for purchasing boulders and boulder placement in the Turkey River.

Up to \$500.00 per project.

Approved by Excom Committee

Date: