

Handshake Partnership Program Report - FY 2013 Recipients

1. Name of Corps Project/Lake: Smithville Lake

2. Handshake Project Name: Smithville Lake Habitat Enhancement Partnership

3. What has been accomplished? Please provide photographs; before, during, and after!:

The Handshake Partnership Program provided the funds and motivation for local agencies along with the surrounding community to work together to improve the fishery of Smithville Lake. The habitat enhancement project consisted of placing 150 oak and cedar tree brush piles on the Camp Branch Arm of Smithville Lake. Each brush pile was GPS'd, maps were created and coordinates were posted on our website and handed out at the local bait stores. The event was named FISH (Friends Involved with Smithville Habitat) and is now an annual event. USACE and Clay County Parks also armored 3,700 linear feet of highly erroed shoreline in order to prevent future erosion and provide fish habitat at normal pool. MDC also hinge cut trees along 7 miles of shoreline to provide additional shallow water habitat. The Handshake Partnership Grant was also used in cooperation with the Reservoir Fisheries Habiata Partnership (RFHP) where all of the parnters below worked together to install 10 boulder piles and 6 boulder fields in the lake for fish habitat. We also installed another 100 oak and cedar brush piles and armored another 3500 linear feet of shoreline. The funds used for the RFHP grant are not included below.

| | Total |
|---|-------------------------------------|
| Handshake Program Funding Amount | \$30,000 |
| Local Corps Office Funds (total expended on labor, materials, contracts, etc.)? | \$45,817 |
| Partner's Contributions (total value of funds, goods, services, volunteer hours, etc.) | |
| Partners Name | Total Value of Contributions |
| 1 Clay County Parks, Recreation & Historic Sites | \$44,892 |
| 2 Missouri Department of Conservation | \$16,514 |
| 3 Burtons Bait and Tackle | \$21,128 |
| 4 | \$ |
| 5 | \$ |
| 6 | \$ |

4. Handshake Program Recipient Feedback

Please take this opportunity to provide feedback on all aspects of the Handshake Program and the Challenge Partnership Agreement authority. Your productive comments are important to the ongoing improvement of the program. Make sure to let us know how the Handshake funds have benefited your efforts to initiate and/or strengthen your partnerships.

A. Comments About Handshake Program: The Handshake Program is an outstanding avenue for local stakeholders to partner with USACE to improve lake projects. These special projects would not ordinarily be accomplished due to lack of funding and manpower shortages. The program also demonstrates USACE's commitment to the community.

B. Comments About Challenge Partnership Agreement: A great program that enables groups in the community to partner on projects with USACE. It opens doors to new opportunities to partner and foster improved relations with the community and visitors.

C. Recommendations: Don't give up. Continue the Handshake Program no matter what!

5. Handshake Summary:

Please also include a separate one-page newspaper type article describing the project and the benefit to the Corps of Engineers and to the public as a result of this partnership project. Examples can be found on the gateway under [Handshake Success Stories](#).

Smithville Lake Habitat Enhancement Project

U.S. Army Corps of Engineers

2013 Handshake Partnership Program

The U.S. Army Corps of Engineers at Smithville Lake partnered with the Missouri Department of Conservation, Clay County Parks Department, and Burton's Bait and Tackle to construct new large hardwood brush piles in the lake. The group was also interested in armoring several highly eroded points along the shoreline. Their interest was to attract additional visitors to the lake and provide a better recreational experience to fisherman.



Grant resources received from the Handshake Partnership Program funded a large portion of the rip rap that was used for the shoreline stabilization. The group worked together to armor 3,700 linear feet of highly eroded shoreline in order to prevent future erosion and provide shallow water habitat for fish and reptiles at normal pool elevations.



FISH Day (Friends Involved with Smithville Habitat) was created as a result of the partnership and successful grant application. FISH Day was organized by MDC. The day started off with a fishing clinic with prizes for kids. MDC also provided lunch for about 40 volunteers that showed up to help install 150 hardwood brush piles in the lake. Each brush pile's location was recorded on the boat's GPS unit.



The coordinates were compiled and provided to anyone interested in fishing the brush piles. Maps were also created for the fisherman that did not have a GPS unit. The coordinates and maps can be found at:

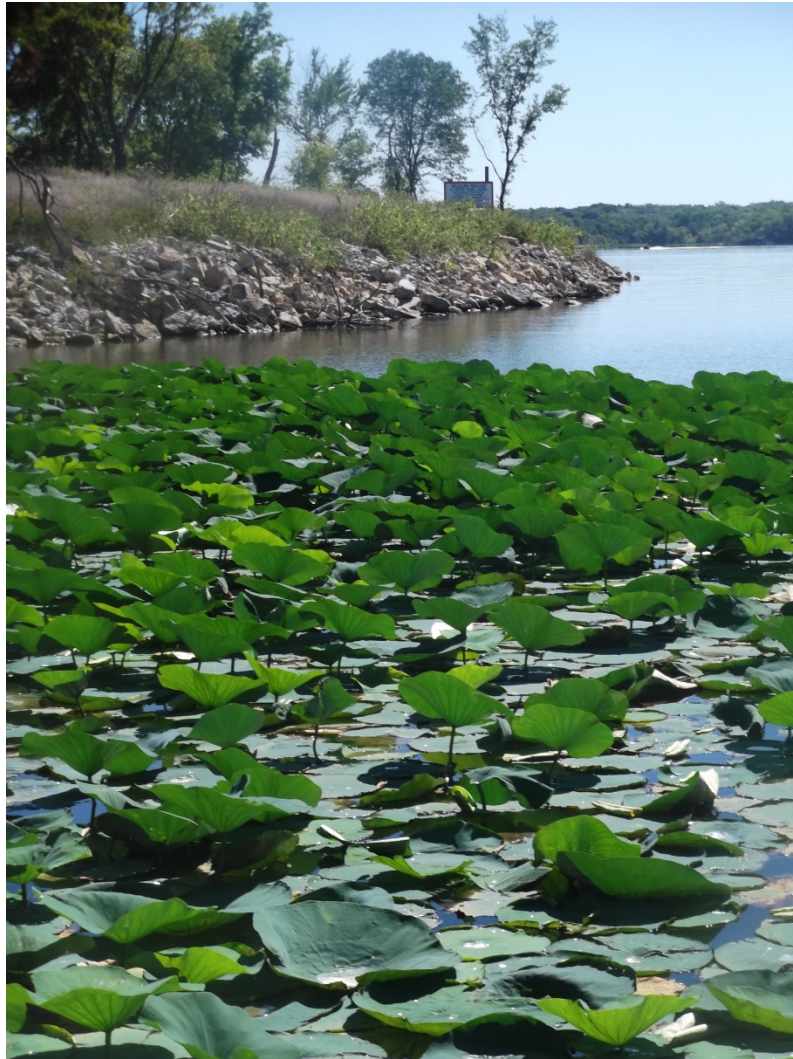
<http://www.nwk.usace.army.mil/Locations/DistrictLake/s/SmithvilleLake.aspx>

The contributions and efforts of our community partners made it possible for Smithville Lake to offer a quality recreational experience to our visiting public.

Handshake Partnership 2013

Smithville Lake Habitat Enhancement Partnership

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Armored shoreline 7 months after rip rap placement.

Dump trucks placing rock along the shoreline. Summer 2013.





A majority of the shoreline stabilization took place in Honker Cove Wildlife Refuge.





The first load of rip rap was delivered to the Honker Cove Wildlife Refuge.



A compact track loader uses a tree shear with grapple to load the trees onto the barges.

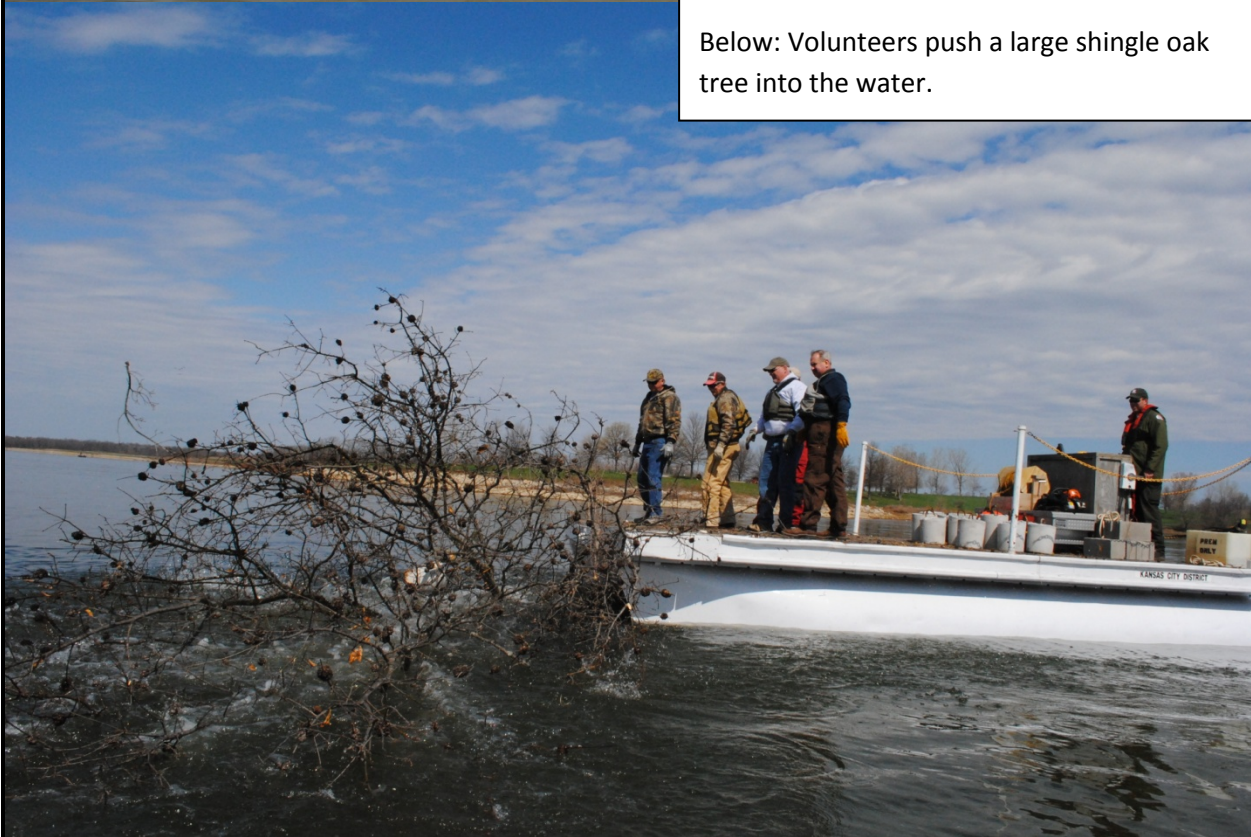


The Missouri Department of Conservation uses their Habitat Barge with a dump bed to install brush piles, while Clay County Parks' work barge utilizes volunteers to help.



Above: Clay County Parks far left, MDC 2 middle boats, and USACE far right work together to install brush piles for FISH Day.

Below: Volunteers push a large shingle oak tree into the water.





Rock piles and boulder debris fields were created with RFHP grant funding.



