

**VIRGINIA RECREATIONAL FISHING DEVELOPMENT FUND
SUMMARY PROJECT APPLICATION***

NAME AND ADDRESS OF APPLICANT: Michael H. Meier, Artificial Reef Program VMRC 2600 Washington Ave. Newport News, VA 23607	PROJECT LEADER: Mike Meier Artificial Reef Program
PRIORITY AREA OF CONCERN: Habitat Development	PROJECT LOCATION: Chesapeake Bay - Virginia Waters

DESCRIPTIVE TITLE OF PROJECT:

Deployment funding for continued acquisition and deployment of artificial reef structure. Concrete demolition materials will be the primary focus of this project, if they are available, backed up by designed structures.

PROJECT SUMMARY:

As in past years, Virginia's Artificial Reef program depends primarily upon a combination of designed concrete structures and demolition material for reef construction. Past funds from the VRFAB have enabled the acquisition and deployment of Reef Balls as well as deployment of concrete double "tee" beams and/or pipe on a number of reef sites. For example, VRFAB funding has enabled the deployment thousands of tons of concrete structure on Anglers, Asphalt Pile, Nandua-Pungoteague, Nassawadox, Northern Neck Occohannock, Windmill Point and Northern Neck Reefs. The Artificial Reef Program currently has available a \$200,000 VRFAB grant which has been dedicated to initiate development of three new reefs; Poquoson, Mobjack Bay and Bluefish Rock. The funds being requested now would be used primarily to support development of existing reefs that have not received recent structure.

EXPECTED BENEFITS:

Availability of these funds will facilitate continued development of Chesapeake Bay artificial reefs, providing habitat for finfish and increased recreational angling opportunity for fishermen.

COSTS:

\$200,000 is being requested. Past cost breakdowns involving deployment of existing materials have been similar to:

material handling – 22%
towing to deployment site – 28%
deployment on site – 25%
return towing – 25%

By comparison:

Designed structures, such as Reef Balls, are usually quoted as a fabrication to deployment package. Based on current prices, an estimated total of 600 Reef Balls could be fabricated and deployed on three Bay reefs for the requested amount of this grant. The cost of the Program's most recent deployment of Reef Balls averaged \$331.00 per unit.

VMRC Funding:
Recipient Funding:
Total Costs:

Detailed budget must be included with proposal.

Updated 11/18/02

*This form alone does not constitute a complete application, see application instructions or contact Chad Boyce at 757-247-8155 or cboyce@mrc.state.va.us

Addendum to Virginia Recreational Fishing Development Fund application
For funding deployment of artificial reef materials.

Need:

Virginia's Artificial Reef Program is one of if not the smallest program of its kind in the country. Accordingly, available funding is spent cautiously. Funding of this request will put the Artificial Reef Program in a better position to maintain equipment and free up funding to operate on more reefs than would otherwise be the case.

Objective:

The purpose of this request is to expand program capabilities in buoy maintenance and placement as well as deployment activities.

Expected results:

Availability of requested funds should enable the Artificial Reef Program to locate and, if necessary, contract for preparation of vessels for deployment on offshore reef sites.

Approach:

The funding would be used for deployment of designed materials and/or materials of opportunity on Bay reef sites. For example, once suitable materials were located, the Reef Program would be in a position to approach the owner (s) with an offer of taking the material off of their hands, if they will aid with transport or loading support. The Program would then fund transport and reef deployment.

Location:

Artificial reef sites in Virginia's Chesapeake Bay waters.

Estimated Cost:

Final figure will depend upon the situation surrounding the desired material at that point in time. All funds would be expended for the purposes given. Budgeted activities might include marine towing, contractor costs, barge charter, environmental testing, equipment rental, etc. These funds would be expended during the first half of calendar year 2006.

Time frame:

Project funded operations would begin 2nd. quarter of '06 and be completed by the 4th.quarter of '06.