

VIRGINIA SALTWATER RECREATIONAL FISHING DEVELOPMENT FUND SUMMARY PROJECT APPLICATION*

<p>NAME AND ADDRESS OF APPLICANT:</p> <p>Michael H. Meier VMRC Artificial Reef Program</p>	<p>PROJECT LEADER (name, phone, e-mail):</p> <p>Michael H. Meier VMRC, Artificial Reef Program (757) 247-2263 mike.meier@mrc.virginia.gov</p>						
<p>PRIORITY AREA OF CONCERN:</p> <p>Virginia’s Chesapeake Bay and Atlantic coastal waters.</p>	<p>PROJECT LOCATION:</p> <p>State artificial reef sites in Virginia’s Chesapeake Bay and coastal waters.</p>						
<p>DESCRIPTIVE TITLE OF PROJECT:</p> <p>2008 Deployment of Artificial Reef Structure.</p>							
<p>PROJECT SUMMARY:</p> <p>Virginia’s Artificial Reef Program has continued to grow as a result of public demand for more fishing opportunities. This has resulted in the need to initiate the construction of these new sites as well as continue development of our existing reefs. The Reef Program continues to rely upon a combination of designed habitat structures along with the use of discarded concrete products and demolition concrete. In ’07, RFAB funding enabled the Artificial Reef Program to deploy approximately 5,000 tons of concrete pipe on four Bay reef sites and purchase over 400 Reef Balls, which will be deployed on two Bay reefs early in ’08.</p> <p>Funding is requested to enable the Program to continue acquiring and deploying reef structure.</p>							
<p>EXPECTED BENEFITS:</p> <p>Continued support from recreational fishing license funds will enable the Artificial Reef Program to continue building habitat for finfish and associated biota, resulting in increased recreational fishing opportunity.</p>							
<p>COSTS:</p> <p>\$500,000.00 funding is requested. All solicitations and expenditures will be handled by VMRC per the procurement guidelines of the Commonwealth of Virginia. None of the requested funds will be used by VMRC to support procurement and project management efforts. It is anticipated that the requested funds will also be used to conduct chemical testing of candidate reef materials as well as professional side-scan support when necessary.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">VMRC Funding:</td> <td style="border: 1px solid black; text-align: center;">\$500,000.00</td> </tr> <tr> <td>Recipient Funding:</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>Total Costs:</td> <td style="border: 1px solid black; text-align: center;">\$500,000.00</td> </tr> </table> <p>Detailed budget must be included with proposal. Please see the attached sheet.</p>		VMRC Funding:	\$500,000.00	Recipient Funding:		Total Costs:	\$500,000.00
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Updated 6/1/05

*This form alone does not constitute a complete application, see application instructions or contact Sonya Davis at 757-247-8155 or sonya.davis@mrc.virginia.gov : Due dates are June 15 (Jul. – Nov. Cycle) and December 15 (Jan. – May Cycle)

Attachment to 2008 Virginia Saltwater Recreational Fishing Development Fund Summary Project Application from the VMRC Artificial Reef Program titled "2008 Deployment of Artificial Reef Structures".

COSTS:

Predicting exact cost breakdowns of the Artificial Reef Program's projects is difficult.

Each of our projects is unique. They all present their own combinations of logistics and scope of work, which makes exact cost comparisons very challenging. If materials have to be hauled and/or loaded by our contractor, costs are higher than they would be if the hauling and loading services are donated. Because of these varying conditions, we face a range of pricing during any given year.

During the 2007 deployment season, costs associated with reef structure deployment saw erratic pricing and marked increases. The cost breakdown for one recent project involving fabrication ran only 20% for materials handling and towing. In past years, costs of material handling alone ran 22% in some cases. In '06 the Artificial Reef Program paid approximately \$25 - \$41/ton to have materials hauled, loaded and deployed. This past season, our costs ranged between \$51 and \$62/ton for similar services. Fuel costs and the availability of equipment in Hampton Roads accounted for these differences.

Another use for the requested funding will be to support the cost of environmental testing of candidate reef materials. In the past we have been able to rely upon support from the U.S. Environmental Protection Agency. During the past two years, this support has been lessened due to manpower and funding shortages on the part of EPA. Also, contractors are less interested in paying these costs as their own costs of doing business increase. Being able to handle some of these expenses should facilitate the acquisition of second use materials such as highway and bridge structure.