Budget and Administrative Services Department
Fiscal Services Division, Grants Section

Attention: Jim Darden
18500 Murdock Circle, Port Charlotte, FL 33948
Phone: 941.764.5532 FAX: 941.743.1286
www.CharlotteCountyFL.com

"To exceed expectations in the delivery of public services"

Charlotte County Marine Advisory Committee

Application for Grant funding for the FY2016/2017 Budget year from 10/1/2016 to 9/30/2017

Please complete the following information and submit to the Charlotte County Fiscal Services Division Office by Wednesday, January 15, 2016. All funding requests will be compiled and presented to the Marine Advisory Committee (MAC) at their monthly meeting on Thursday, February 11, 2016 (9:30 am, BCC Room 119). All departments/agencies requesting funds should have a representative present at the March 12, 2016 meeting to present their request and answer questions from the Committee. Blank copies of this Application can be found at http://www.charlottecountyfl.com/BoardsCommittees/MAC/ then clicking on "Boater Improvement Fund Application Information."

Name of Organization: Charlotte County Community Services, P&NR Div.

Principal Officer, President, Chairman etc.: Roger DeBruler Jr.

Address: 514 East Grace Street., Punta Gorda, Florida 33950

Telephone number: 941-833-3823 Email: roger.debruler@charlottecountyfl.gov

Amount of Funding Requested: $50,000.00 Total Cost of Project: $50,000.00

Purpose of Funding Requested: To build and monitor an artificial reef

Project Location: In the Gulf waters off of Charlotte County

Estimated Completion Date: September 30, 2017

Does your organization/department receive any other funding sources: yes If yes, please list: State of Florida

If permits are required, list each required, it's type and status. Attach all permits that have been issued to this application along with the estimated length of time to complete the project by phase and a vicinity map.

US Army Corp of Engineers – in house

Florida Department of Environmental Protection – in house

Benefit to the County: This project will build and monitor an addition to a n existing artificial reef site to meet these, (1) to provide enhancement of recreational and charter fishing and diving opportunities, (2) a socio-economic benefit to the local communities by the influx of 11.8 million dollars that will support 306 jobs within the county, (3) increase reef fish habitat, and (4) to reduce user conflicts

Any operating costs associated with the project:

Other justification:

Please, attach any additional supporting information or documentation you feel is pertinent or supportive for your request.

Signature of authorized individual responsible for this application, and should funding be granted, the person responsible for assurances that funds are spent as proposed.

Roger DeBruler Jr., Marine Resources Program Assistant — Name and Title

12/6/2015 — Date

BUDGET ESTIMATE DETAIL	Grant Funds	Matching Funds[1]	Total
Construction Expenses			
(specify)			
Contractual Services	$50,000.00		$50,000.00
(specify)			
Materials			
(specify)			
Equipment			
(specify) rental			
Salaries[2]			
(specify)			
Promotional materials (Specify)			
GRAND TOTAL	$50,000.00		$50,000.00

[1] Matching funds are **required** only for Boating Safety and Recreation projects, but are encouraged for all projects.
[2] Salaries are **only** eligible as a WCIND grant expense for Law Enforcement projects.

DEPARTMENT OF THE ARMY PERMIT

Permittee: Charlotte County Extension
Sea Grant Extension Program
25550 Harbor View Road, Unit 3
Port Charlotte, FL 33980

Permit No: SAJ-2007-05318(IP-MLS)

Permit Site Name: Captain Jeff Steele Artificial Reef

Issuing Office: U.S. Army Engineer District, Jacksonville

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: The Permittee is authorized to construct an artificial reef site by using material which is clean and free from asphalt, creosote, petroleum, other hydrocarbons and toxic residues, loose free floating material or other deleterious substances. Materials/structures will be configured and constructed to be stable in a 20 year return interval storm event at the depth of placement (see Depth, Profile & Clearance paragraph below). Materials will be designed, selected and deployed in such a manner as to avoid entrapping marine life.

The deployments will consist of the following material:

1) Prefabricated artificial reef modules composed of steel, concrete, rock or a combination of these materials; no module will weigh less than 1000 pounds.

2) Natural rock boulders and other pre-cast material, such as, culverts (inside diameter no less than 36 inches), stormwater junction boxes, power poles; no piece will weigh less than 500 pounds.

3) Clean steel and concrete bridge demolition materials (no piece will weigh less than 500 pounds), such as slabs or pilings with all steel reinforcement rods severed as close to the concrete surface as possible but not to extend more than 6 inches to ensure the rod will not create a fishing tackle or diver ensnaring hazard. The material must be clean and free from asphalt, petroleum, other hydrocarbons and toxic residues, and comply with the U.S. Environmental Protection Agency Ocean Disposal Standards.

Depth, Profile & Clearance: The approximate depth of water within the site varies from a depth of -58 feet to -65 feet relative to Mean Lower Low Water (MLLW) depending on the location. The proposed area is 0.25 mile by 0.25 mile. A minimum clearance of 29' off the top of the deployed material relative to MLLW shall be maintained. The work described above is to be completed in accordance with the 8 pages of drawings dated September 1, 2007, affixed at the end of this permit instrument.

Project Location: The project is located in the northern waters of Charlotte County, in Federal waters of the Gulf of Mexico. The site is accessible 13.9 nautical miles at a true heading of 285 degrees from Stump Pass and 18.3 nautical miles at a 297 degrees true heading from Gasparilla Pass, and 21.0 nautical miles to Boca Grande Pass.

Latitude & Longitude:

NW Corner 26.93183°/-82.93184° (26°55.910'N/82°36.042'W)
NE Corner 26.93183°/-82.60070° (26°55.910'N/82°35.766'W)
SW Corner 26.92784°/-82.59611° (26°55.670'N/82°36.042'W)
SE Corner 26.92783°/-82.60069° (26°55.670'N/82°35.766'W)

The attached drawing depicts the configuration with the latitude and longitude.

Permit Conditions

General Conditions:

1. The time limit for completing the work authorized ends on January 11, 2018. If you find that you need more time to

Economic Impacts of Artificial Reefs for Six Southwest Florida Counties

By
Robert A. Swett, Ph.D.
Associate Professor
School of Forest Resources and Conservation
University of Florida
P.O. Box 110760
Gainesville, Florida 32611
rswett@ufl.edu

Charles Adams, Ph.D.
Professor
Food and Resource Economics
University of Florida
P.O. Box 110240
Gainesville, Florida 32611
cadams@ufl.edu

Sherry Larkin, Ph.D.
Associate Professor
Food and Resource Economics
University of Florida
P.O. Box 110240
Gainesville, FL 32611
slarkin@ufl.edu

Alan W. Hodges, Ph.D.
Extension Scientist
Food and Resource Economics
University of Florida
P.O. Box 110240
Gainesville, Florida 32611
awhodges@ufl.edu

Thomas J. Stevens, Ph.D.
Post-Doctoral Associate
Food and Resource Economics
University of Florida
P.O. Box 110240
Gainesville, Florida 32611
tjstl@ufl.edu

TP 178
July 2011

ECONOMIC IMPACTS OF ARTIFICIAL REEFS
Charlotte County, FL

These are findings from a recent study of economic benefits associated with artificial reef programs in a six-county region of Southwest Florida (Pinellas, Hillsborough, Manatee, Sarasota, Charlotte and Lee counties). The full report, *Economic Impacts of Artificial Reefs for Six Southwest Florida Counties*, TP 178, is available from Florida Sea Grant, flseagrant.org.

At a glance:

- The results from a recent survey of the economic impact of artificial reefs show extensive use of the Charlotte County artificial reef system by residents, visitors, private boaters and for-hire clients.
- On a daily basis, an average of nearly 700 persons in Charlotte County – residents and visitors included – use artificial reefs.
- Fishermen and divers who launch from Charlotte County to use artificial reef sites spend almost $28 million in the county annually.
- Survey results document that artificial reefs help support the for-hire fishing sector (guides, charter and party boats) with clients spending nearly $7 million on artificial reef-related trips.
- Visitors bring new money into the local economy ($14.75 million), accounting for more than half of artificial reef expenditures.
- Expenditures on artificial reef-related activities generate nearly $23 million in net economic impacts annually that support 306 full- and part-time jobs.
- Charlotte County government's artificial reef development activities rely entirely on annual grant funding provided by Local Boating Improvement Funds. Supplemental construction funds are provided by the Florida Fish and Wildlife Conservation Commission statewide artificial reef program and other grant programs.
- With over 830 miles of shoreline, including mangrove-lined aquatic preserves, river passages and white sand beaches, and 270 square miles of protected marine estuary, Charlotte County possesses some of the most pristine and productive coastal areas in the state.

Public Support for Artificial Reefs

In general, what is your opinion regarding the use of public funds to provide and maintain artificial reefs for recreation in Florida's waters?

Reef Users		Non Reef Users	
Support	83%	Support	63%
Neutral	17%	Neutral	30%
Oppose	0%	Oppose	7%

Annual Use of Artificial Reefs

81,549
Boat Days

270,036
Person Days

Annual Artificial Reef Related Expenditures By Users

$27.96
Million

$13.21 Million (residents)

$14.75 Million (non-residents)

-- OR --

$21.21 Million (private boaters)

$6.75 Million (guide, party, charter clients)

Annual Economic Impacts

Economic Output	$22.65 Million
Total Income	$11.82 Million
Business Taxes	$1.66 Million
Full/Part-time Jobs	306

The study was conducted by Florida Sea Grant and University of Florida researchers with funding provided by the U.S. Fish and Wildlife Service Federal Aid in Sport Fish Restoration Program through a grant to the Florida Fish and Wildlife Conservation Commission; the West Coast Inland Navigation District; and by participating counties. Information was collected using a variety of survey techniques that asked private boater and for-hire operators and clients about their artificial reef use during 2009. For more information, contact: Betty Staugler, Charlotte County Sea Grant Extension, (941) 764-4346, staugler@ufl.edu.

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