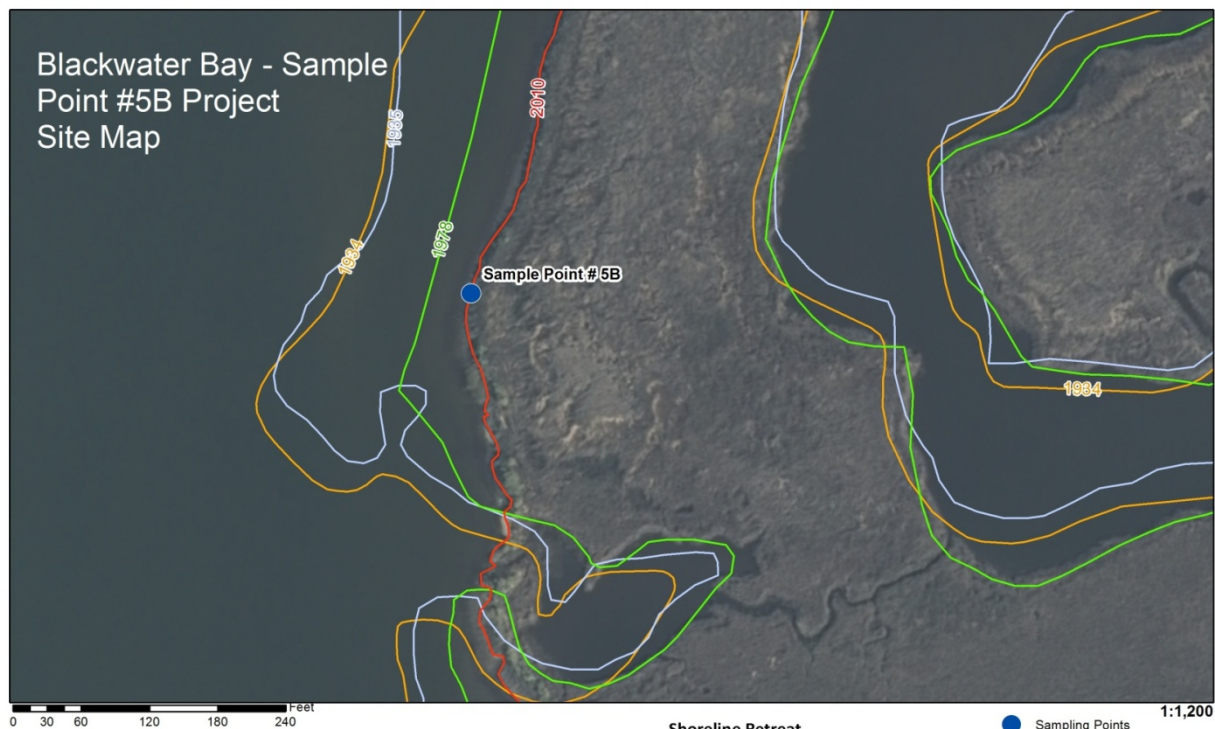


Blackwater Bay - Sample Point #5B Project Site Map

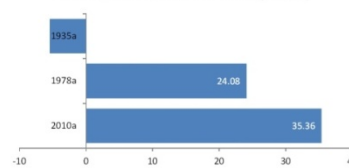


June 5, 2012
The aerial photography used in this map is provided by the Aero-Metric, Inc. BP MC252 Incident: Map and Image Services. These services are provided on the behalf of BP and the NOAA Natural Resources Damage Assessment (NRDA) Board of Trustees. The photography was captured during the month of October 2010. <http://gis.aerometric.net>

The historical (1934, 1935, and 1978) shoreline data was downloaded from the NOAA Digital Shorelines website <http://shoreline.noaa.gov>.

The 2010 shoreline data was created by The Nature Conservancy, Alabama through field data collection and visual delineation using aerial photographs.

Shoreline Retreat
Distance from the 1934 shoreline (meters)



● Sampling Points

— 2010 Shoreline

— 1978 Shoreline

— 1935 Shoreline

— 1934 Shoreline



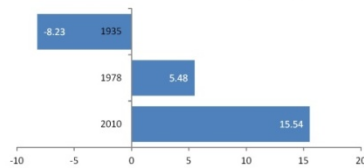
The Nature Conservancy
Protecting nature. Preserving life.™



Blackwater Bay - Sample Point #6B Project Site Map



Shoreline Retreat
Distance from the 1934 line (meters)



- Sampling Points
- 2010 Shoreline
- 1978 Shoreline
- 1935 Shoreline
- 1934 Shoreline



The Nature Conservancy
Protecting nature. Preserving life.

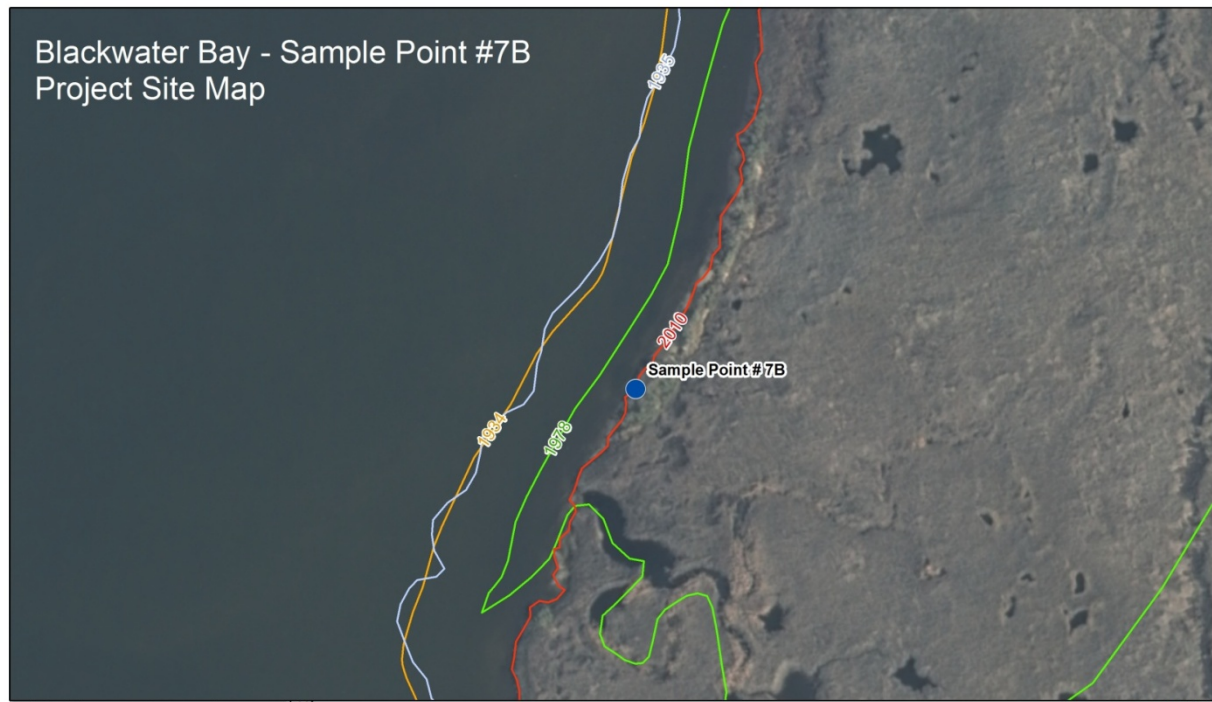
June 5, 2012

The aerial photography used in this map is provided by the Aero-Metric, Inc. BP MC252 Incident: Map and Image Services. These services are provided on the behalf of BP and the NOAA Natural Resources Damage Assessment (NRDA) Board of Trustees. The photography was captured during the month of October 2010. <http://gis.aerometric.net>

The historical (1934, 1935, and 1978) shoreline data was downloaded from the NOAA Digital Shorelines website <http://shoreline.noaa.gov>.

The 2010 shoreline data was created by The Nature Conservancy, Alabama through field data collection and visual delineation using aerial photographs.

Blackwater Bay - Sample Point #7B Project Site Map

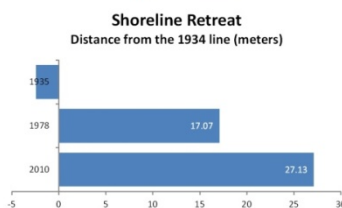


June 5, 2012

The aerial photography used in this map is provided by the Aero-Metric, Inc. BP MC252 Incident: Map and Image Services. These services are provided on the behalf of BP and the NOAA Natural Resources Damage Assessment (NRDA) Board of Trustees. The photography was captured during the month of October 2010. <http://gis.aerometric.net>

The historical (1934, 1935, and 1978) shoreline data was downloaded from the NOAA Digital Shorelines website <http://shoreline.noaa.gov>.

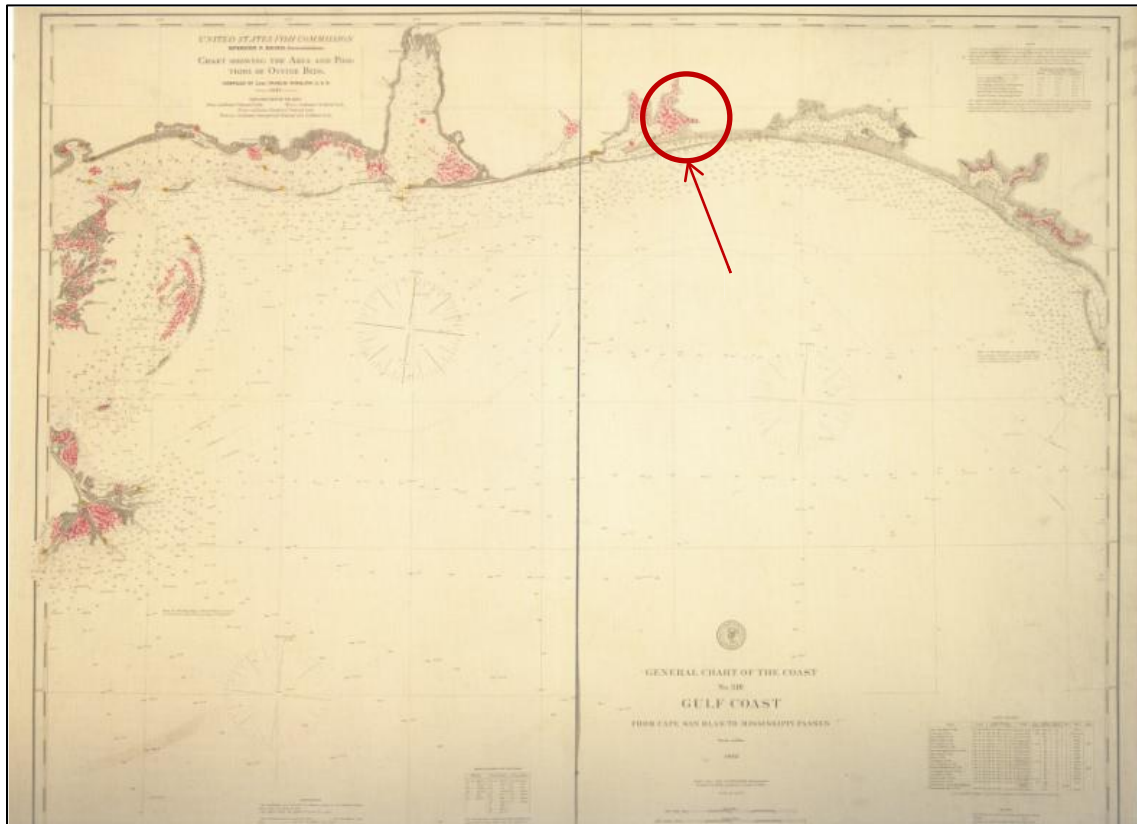
The 2010 shoreline data was created by The Nature Conservancy, Alabama through field data collection and visual delineation using aerial photographs.



- Sampling Points
- 2010 Shoreline
- 1978 Shoreline
- 1935 Shoreline
- 1934 Shoreline



The Nature Conservancy
Protecting nature. Preserving life.



Supplementary Information Document
Living Shoreline and Oyster Reef Restoration in Pensacola Bay, Escambia and Santa Rosa
Counties, FL Project

APPENDIX B
LETTERS OF SUPPORT

- Eglin Air Force Base to Federal Trustees
- Eglin Air Force Base to State Trustees
- Northwest Florida Water Management District to Florida Department of Environmental Protection
- Northwest Florida Water Management District to Florida Fish and Wildlife Conservation Commission
- Northwest Florida Water Management District to US Fish and Wildlife Service
- Northwest Florida Water Management District to National Oceanic and Atmospheric Administration
- Santa Rosa County Commission Bay Area Resource Commission



**DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 96TH AIR BASE WING (AFMC)
EGLIN AIR FORCE BASE, FLORIDA**

29 July 2011

Randall D Rowland, Chief
Environmental Management Division
501 DeLeon Street, Suite 100
Eglin AFB Florida 32542

Monica Medina
Principal Deputy Under Secretary for Oceans & Atmosphere
National Oceanic and Atmospheric Administration
Office of the Undersecretary/Administrator
1401 Constitution Avenue, NW
Washington, DC 20230

Rachel Jacobson
Acting Assistant Secretary for Fish, Wildlife, and Parks
U.S. Department of the Interior
1849 C. Street N.W.
Washington, DC 20240

Dear Ms. Medina and Ms. Jacobson:

I am very pleased to write this letter of support for The Nature Conservancy's projects submitted to the State of Florida for consideration of funding through the early Natural Resource Damage Assessment funds arising as a result of the Deepwater Horizon oil spill. Specifically, we are supportive of the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and the *Rattlesnake Bluff Road and Riverbank Restoration* projects. Both projects are either adjacent to or located on Eglin Air Force Base property.

Eglin Air Force Base enjoys a successful and longstanding relationship with the Conservancy and has sought their assistance on habitat restoration, species management and connectivity issues for nearly 20 years. Currently we at Eglin are working with partners to reduce road sediment from entering the Yellow River watershed. Unpaved roads like the Rattlesnake Bluff Road are the source of significant sedimentation entering the Yellow River, affecting not only the habitats and species in the river, but ultimately the health of estuary in the East Bay region of the greater Pensacola Bay. Most significantly, the sedimentation from these unpaved roads affect the critical habitat of the Gulf sturgeon, a species listed as threatened by the U.S. Fish and Wildlife Service and NOAA's National Marine Fisheries Service. The entirety of Pensacola Bay and much of the Yellow River are considered critical habitat for the Gulf sturgeon. Any effort to restore these areas will benefit this species that may have been impacted by the oil spill.

The *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* project is directly impacted by the unpaved roads mentioned above as part of the *Rattlesnake Bluff Road and Riverbank Restoration* project. The oyster reefs and salt marsh habitats and their associated species in Pensacola Bay have declined, due in part to this sedimentation pollution. Efforts to restore habitats in the East Bay area of Pensacola Bay would also need to address the sedimentation issues for project success. The *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* project proposes building living shoreline to help protect the eroding shoreline and restore oyster reefs in the bay. The significant archaeological resources – a prehistoric shell midden site and a British Colonial homestead site from the 1760s – located along this fragile section of shoreline would directly benefit from construction of a living shoreline. The *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* project, together with the *Rattlesnake Bluff Road and Riverbank Restoration* project, will enhance the Gulf's natural systems and species, historical resources and the community's livelihoods that revolve around clean water, fisheries and tourism.

Implementation of these important projects is contingent on funding. We look forward to assisting the Nature Conservancy on the *Rattlesnake Bluff Road and Riverbank Restoration* and *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* projects and offer volunteer assistance by staff, and troops stationed at Eglin, to help implement these projects. In addition, we are ready to offer technical expertise and logistical support as needed.



RANDALL D. ROWLAND, GS-14
Chief, Environmental Management Division



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 96TH AIR BASE WING (AFMC)
EGLIN AIR FORCE BASE, FLORIDA

29 July 2011

Randall D Rowland, Chief
Environmental Management Division
501 DeLeon Street, Suite 100
Eglin AFB Florida 32542

Mimi Drew
Special Advisor to Secretary Herschel Vinyard
Florida Department of Environmental Protection
3900 Commonwealth Boulevard MS 49
Tallahassee Florida 32399

Nick Wiley
Executive Director
Florida Fish and Wildlife Conservation Commission
620 South Meridian Street
Tallahassee Florida 32399

Dear Ms. Drew and Mr. Wiley:

I am very pleased to write this letter of support for The Nature Conservancy's projects submitted to the State of Florida for consideration of funding through the early Natural Resource Damage Assessment funds arising as a result of the Deepwater Horizon oil spill. Specifically, we are supportive of the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and the *Rattlesnake Bluff Road and Riverbank Restoration* projects. Both projects are either adjacent to or located on Eglin Air Force Base property.

Eglin Air Force Base enjoys a successful and longstanding relationship with the Conservancy and has sought their assistance on habitat restoration, species management and connectivity issues for nearly 20 years. Currently we at Eglin are working with partners to reduce road sediment from entering the Yellow River watershed. Unpaved roads like the Rattlesnake Bluff Road are the source of significant sedimentation entering the Yellow River, affecting not only the habitats and species in the river, but ultimately the health of estuary in the East Bay region of the greater Pensacola Bay. Most significantly, the sedimentation from these unpaved roads affect the critical habitat of the Gulf sturgeon, a species listed as threatened by the U.S. Fish and Wildlife Service and NOAA's National Marine Fisheries Service. The entirety of Pensacola Bay and much of the Yellow River are considered critical habitat for the Gulf sturgeon. Any effort to restore these areas will benefit this species that may have been impacted by the oil spill.

The *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* project is directly impacted by the unpaved roads mentioned above as part of the *Rattlesnake Bluff Road and Riverbank Restoration* project. The oyster reefs and salt marsh habitats and their associated species in Pensacola Bay have declined, due in part to this sedimentation pollution. Efforts to restore habitats in the East Bay area of Pensacola Bay would also need to address the sedimentation issues for project success. The *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* project proposes building living shoreline to help protect the eroding shoreline and restore oyster reefs in the bay. The significant archaeological resources – a prehistoric shell midden site and a British Colonial homestead site from the 1760s – located along this fragile section of shoreline would directly benefit from construction of a living shoreline. The *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* project, together with the *Rattlesnake Bluff Road and Riverbank Restoration* project, will enhance the Gulf's natural systems and species, historical resources and the community's livelihoods that revolve around clean water, fisheries and tourism.

Implementation of these important projects is contingent on funding. We look forward to assisting the Nature Conservancy on the *Rattlesnake Bluff Road and Riverbank Restoration* and *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* projects and offer volunteer assistance by staff, and troops stationed at Eglin, to help implement these projects. In addition, we are ready to offer technical expertise and logistical support as needed.



RANDALL D. ROWLAND, GS-14
Chief, Environmental Management Division



Douglas E. Barr
Executive Director

Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Fax) 539-2777

August 9, 2011

Ms. Mimi Drew
Special Advisor to Secretary Herschel Vinyard
Florida Department of Environmental Protection
3900 Commonwealth Boulevard M.S. 49
Tallahassee, Florida 32399

Subj: Support for The Nature Conservancy's Early NRDA Funding Projects

Dear Ms. Drew :

The Northwest Florida Water Management District (NFWFMD) is pleased to write this letter of support for The Nature Conservancy's projects submitted to the State of Florida for consideration of Early Natural Resource Damage Assessment (NRDA) funding arising as a result of the Deepwater Horizon Oil Spill. Specifically, we are supportive of the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and the *Rattlesnake Bluff Road and Riverbank Restoration* projects.

The NFWFMD manages land adjacent to these projects and is very supportive of the proposed restoration activities and we are confident that they will be designed and implemented to meet restoration goals and criteria authorized under the Framework for Early Restoration Addressing Injuries Resulting from the Deepwater Horizon Oil Spill.

As an integral natural resource manager in the Pensacola Bay region we are happy to support the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and *Rattlesnake Bluff Road and Riverbank Restoration* proposed NRDA projects. We look forward to opportunities where we can offer assistance to help implement these important projects.

Sincerely,

A handwritten signature in blue ink that reads "William O. Cleckley".

William O. Cleckley, Director
Division of Land Management and Acquisition

/woc

GEORGE ROBERTS
Chair
Panama City

PHILIP K. McMILLAN
Vice Chair
Blountstown

GUS ANDREWS
Defuniak Springs

PETER ANTONACCI
Tallahassee

STEPHANIE BLOYD
Panama City Beach

JOYCE ESTES
Eastpoint

JERRY PATE
Pensacola

NICK PATRONIS
Panama City Beach

RALPH RISH
Port St. Joe



Douglas E. Barr
Executive Director

Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Fax) 539-2777

August 9, 2011

Mr. Nick Wiley, Executive Director
Florida Fish and Wildlife Conservation Commission
620 S. Meridian Street
Tallahassee, Florida 32399

Subj: Support for The Nature Conservancy's Early NRDA Funding Projects

Dear Mr. Wiley:

The Northwest Florida Water Management District (NFWFMD) is pleased to write this letter of support for The Nature Conservancy's projects submitted to the State of Florida for consideration of Early Natural Resource Damage Assessment (NRDA) funding arising as a result of the Deepwater Horizon Oil Spill. Specifically, we are supportive of the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and the *Rattlesnake Bluff Road and Riverbank Restoration* projects.

The NFWFMD manages land adjacent to these projects and is very supportive of the proposed restoration activities and we are confident that they will be designed and implemented to meet restoration goals and criteria authorized under the Framework for Early Restoration Addressing Injuries Resulting from the Deepwater Horizon Oil Spill.

As an integral natural resource manager in the Pensacola Bay region we are happy to support the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and *Rattlesnake Bluff Road and Riverbank Restoration* proposed NRDA projects. We look forward to opportunities where we can offer assistance to help implement these important projects.

Sincerely,

A handwritten signature in blue ink that reads "William O. Cleckley".

William O. Cleckley, Director
Division of Land Management and Acquisition

/woc

GEORGE ROBERTS
Chair
Panama City

PHILIP K. McMILLAN
Vice Chair
Blountstown

GUS ANDREWS
Defuniak Springs

PETER ANTONACCI
Tallahassee

STEPHANIE BLOYD
Panama City Beach

JOYCE ESTES
Eastpoint

JERRY PATE
Pensacola

NICK PATRONIS
Panama City Beach

RALPH RISH
Port St. Joe



Douglas E. Barr
Executive Director

Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712
(U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Fax) 539-2777

August 9, 2011

Ms. Rachel Jacobson
Acting Assistant Secretary for Fish, Wildlife, and Parks
U.S. Department of the Interior
1849 C. Street N.W.
Washington, DC 20240

Subj: Support for The Nature Conservancy's Early NRDA Funding Projects

Dear Ms. Jacobson:

The Northwest Florida Water Management District (NFWFMD) is pleased to write this letter of support for The Nature Conservancy's projects submitted to the State of Florida for consideration of Early Natural Resource Damage Assessment (NRDA) funding arising as a result of the Deepwater Horizon Oil Spill. Specifically, we are supportive of the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and the *Rattlesnake Bluff Road and Riverbank Restoration* projects.

The NFWFMD manages land adjacent to these projects and is very supportive of the proposed restoration activities and we are confident that they will be designed and implemented to meet restoration goals and criteria authorized under the Framework for Early Restoration Addressing Injuries Resulting from the Deepwater Horizon Oil Spill.

As an integral natural resource manager in the Pensacola Bay region we are happy to support the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and *Rattlesnake Bluff Road and Riverbank Restoration* proposed NRDA projects. We look forward to opportunities where we can offer assistance to help implement these important projects.

Sincerely,

A handwritten signature in blue ink that reads "William O. Cleckley".

William O. Cleckley, Director
Division of Land Management and Acquisition

/woc

GEORGE ROBERTS
Chair
Panama City

PHILIP K. McMILLAN
Vice Chair
Blountstown

GUS ANDREWS
Defuniak Springs

PETER ANTONACCI
Tallahassee

STEPHANIE BLOYD
Panama City Beach

JOYCE ESTES
Eastpoint

JERRY PATE
Pensacola

NICK PATRONIS
Panama City Beach

RALPH RISH
Port St. Joe



Douglas E. Barr
Executive Director

Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Fax) 539-2777

August 9, 2011

Ms. Monica Medina
Principal Deputy Under Secretary for Oceans & Atmosphere
National Oceanic and Atmospheric Administration
Office of the Undersecretary/Administrator
1401 Constitution Avenue, NW
Washington, DC 20230

Subj: Support for The Nature Conservancy's Early NRDA Funding Projects

Dear Ms. Medina:

The Northwest Florida Water Management District (NFWFMD) is pleased to write this letter of support for The Nature Conservancy's projects submitted to the State of Florida for consideration of Early Natural Resource Damage Assessment (NRDA) funding arising as a result of the Deepwater Horizon Oil Spill. Specifically, we are supportive of the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and the *Rattlesnake Bluff Road and Riverbank Restoration* projects.

The NFWFMD manages land adjacent to these projects and is very supportive of the proposed restoration activities and we are confident that they will be designed and implemented to meet restoration goals and criteria authorized under the Framework for Early Restoration Addressing Injuries Resulting from the Deepwater Horizon Oil Spill.

As an integral natural resource manager in the Pensacola Bay region we are happy to support the *Living Shoreline and Oyster Reef Restoration in Pensacola Bay* and *Rattlesnake Bluff Road and Riverbank Restoration* proposed NRDA projects. We look forward to opportunities where we can offer assistance to help implement these important projects.

Sincerely,

A handwritten signature in blue ink that reads "William O. Cleckley".

William O. Cleckley, Director
Division of Land Management and Acquisition

/woc

GEORGE ROBERTS
Chair
Panama City

PHILIP K. McMILLAN
Vice Chair
Blountstown

GUS ANDREWS
Defuniak Springs

PETER ANTONACCI
Tallahassee

STEPHANIE BLOYD
Panama City Beach

JOYCE ESTES
Eastpoint

JERRY PATE
Pensacola

NICK PATRONIS
Panama City Beach

RALPH RISH
Port St. Joe



4081 E Olive Road, Suite A
Pensacola, FL 32514

Santa Rosa County Commissioner Bob Cole, Chair
Escambia County Commissioner Kevin White, Vice-Chair

July 19, 2011

Mimi Drew
Special Advisor to Secretary Herschel Vinyard
Florida Department of Environmental
Protection
3900 Commonwealth Boulevard M.S. 49

Nick Wiley
Executive Director
Florida Fish and Wildlife Conservation Commission
620 S. Meridian Street
Tallahassee FL 32399

Subject: Support for Early NRDA Funding Projects

Dear Ms. Drew and Mr. Wiley:

On behalf of Bay Area Resource Council (BARC) please accept this letter of support to secure funding to assist coastal communities in restoration efforts through the NRDA (Natural Resource Damage Assessment) process. Funding will allow for the implementation of numerous identified projects, some of which are listed below.

- Garcon Point (Pensacola Bay) Restoration
- Estuarine Coastal Restoration, Stabilization and Protection using the creation of an intertidal oyster reef, Blackwater Bay, Milton, FL
- Relocation of the Navarre Beach Waste Water Treatment Plant Outfall
- Garcon Ecosystem Florida Forever Project/Yellow River Marsh State Park/ Garcon Point Water Management Area/ Yellow River Marsh Aquatic Preserve
- Perdido Bay Stormwater Restoration for Water Quality Improvement
- Living Shorelines and Oyster Reef Restoration in Pensacola Bay, FL
- Restoration / Creation of Regional Fish Habitat
- Restoring Marsh Habitat, Pensacola Bay, FL

The Bay Area Resource Council recognizes the extreme threat that many coastal communities have experienced due to the Deepwater Horizon Oil Spill. These projects will help the Florida Gulf Coast restore and protect those areas that are ecologically sensitive and part of our overall watershed.

Please feel free to contact me at 850-983-1877 so that we may demonstrate further support of this grant application.

Sincerely,

Commissioner Bob Cole
Santa Rosa County Commission
Bay Area Resource Council Chair

Committed to sharing and coordinating environmental information, the Bay Area Resource Council is comprised of Commissioners from Santa Rosa and Escambia Counties and Council Members from the municipalities of Gulf Breeze, Milton, and Pensacola.