

# Shoreline Treatment Recommendations



Deepwater Horizon MC252  
 Shoreline Treatment Recommendation Operational Permit to Work  
 Local Name: Pensacola Beach M STR #: FL-4-005 Survey Date: 04-Apr-2011

Segment Name	Start LAT	Start LONG	End LAT	End LONG	Length (m)
FLES2 - 012	30.32443	-87.1807	30.32608	-87.17069	948
FLES2 - 013	30.32608	-87.17069	30.32715	-87.16021	978
FLES2 - 014	30.32715	-87.16021	30.32855	-87.1514	833
FLES2 - 015	30.32855	-87.1514	30.32935	-87.14799	328
FLES2 - 016	30.32935	-87.14799	30.33086	-87.13865	880
FLES2 - 017	30.33086	-87.13865	30.3323	-87.1305	771
FLES2 - 018	30.3323	-87.1305	30.33571	-87.1113	1816
FLES2 - 019	30.33571	-87.1113	30.33829	-87.09792	1271
FLES2 - 020	30.33829	-87.09792	30.33934	-87.0929	480
FLES2 - 021	30.33934	-87.0929	30.34061	-87.0857	681
FLES2 - 022	30.34061	-87.0857	30.34244	-87.07706	825
FLES2 - 023	30.34244	-87.07706	30.34404	-87.06882	783
FLES2 - 024	30.34404	-87.06882	30.34564	-87.06131	718
FLES2 - 025	30.34564	-87.06131	30.34695	-87.05345	742

Total Length: 12054 meters

Location: Pensacola Beach Amenity Maintenance - Escambia County, FL  
 Formally covered under FL-3-002

Shoreline Type: The shorelines in the STR are characterized by fine grained sand beach (ESI-3) with dunes in the backshore.

Treatment Type:  Surface  Subsurface  Submerged  Manual  Mechanical

Oiled Area For Treatment:

This STR-4 also includes the western portion of FLES3-001, that is not on University of West Florida property. Surface oil in intertidal and supratidal zones. (See Figure 1)

Cleanup Recommendation:

The following locations of residual oil have been identified as requiring maintenance in the segments addressed by this STR (see Figure 1).

Zone A – Trace amounts of SRBs, typically 0.5-2 cm in diameter, in the swash zone, LITZ, MITZ and LITZ.  
 Zone B – Trace amounts of SRBs, typically 0.5-2 cm in diameter, in the non-vegetated Supratidal Zone.

Cleanup Recommendation:

This STR addresses the cleanup of residual surface oiling only. No subsurface oil removal is approved under this STR.

1) The cleanup criteria defined for segments under this STR is based on the MC 252 2011 SCAT Plan for Alabama/Florida/Mississippi. The NFT standard for amenity beaches is no visible oil above background levels, or as low as reasonably practical considering the allowed treatment methods and net environmental benefit (above background levels).

2) Residual surface oiling may be addressed by manual cleanup crews using hand tools such as rakes, sifters, etc. Mechanical equipment, such as Sand Sharks, Beach Techs, etc., may be utilized for surface

Page 1 of 17

CONFIDENTIAL

BP-HZN-2179MDL08751112  
 TREX-242768.0001

Deepwater Horizon MC252  
 Shoreline Treatment Recommendation Operational Permit to Work

Local Name: Pensacola Beach M STR #: FL-4-005 Survey Date: 04-Apr-2011

Staging and Logistics:

Cleanup operations will be staged from pre-approved locations.

Ecological Concerns:

All Florida STRs and Field Plans require NRA and/or READ staffing for implementation to ensure compliance with trust resource laws and regulations. As specified in the BMPs, Section 7 in consultation with Section 106 will provide recommendations regarding the appropriate number/type of NRAs/READs required based on geography, needs of trust resources, safety and methodologies used by Operations.

A 10 foot buffer zone from the toe of the dune for the protection of the dune and habitat of the Beach Mouse must be observed. The buffer should be marked by flagging, which will be and removed when work is complete. SRB's observed within vegetated areas in the SUTZ and the buffer zone should be manually removed with supervision by an NRA/READ.

Please see attached Best Management Practices (BMPs) for avoiding and minimizing impacts to wildlife, including but not limited to shorebirds, raptors, sea turtles, beach mice, piping plovers, and other protected or managed species. BMPs applicable to this area are checked for easy reference.

Cultural / Historical Concerns:

Please read and follow the instructions provided by the Section 106 Team included in this STR.

In the event that unanticipated archaeological sites, historic or prehistoric artifacts, graves, human remains or other cultural resources are discovered in the project area, all work must cease. The on-site Operations supervisor must be notified, who must contact the Section 106 Team.

Work shall not resume until the Operations supervisor has been advised by the Section 106 Team. Contact the Section 106 Team at: section106@bpgom.com and call the Section 106 Team Leader or SCAT Lead Archaeologist.

Safety Concerns:

Appropriate Job Hazard Analyses will be followed for all cleanup activities.

Comments:

None

Attachments:  Segment Map  Sketch  SCAT Form  FactSheet Other: \_\_\_\_\_

Page 3 of 17

CONFIDENTIAL

BP-HZN-2179MDL08751114  
 TREX-242768.0003