

5/1/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES2-018 and 019 (Pensacola Beach).

Team Members:

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Survey Conditions:

During today's survey the skies were cloudy, N wind @ 10 knots, and the seas in the Gulf were 2-3 feet. The tide was high and falling, with high tide (1.22 ft) at 10:48 AM this morning and low tide (-0.11 ft) at 10:38 PM tonight.



Conditions at Pensacola Beach

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 2; segments FLES2-018 and 019 on Pensacola Beach. The surveys did not cover the entire segments and therefore represent only a portion of the actual oiling in each segment. The surveys were conducted to verify the presence of BP MC-252 oil and not to mitigate all observed oil. There were numerous SRBs found in both segments. Due to the turbulent condition of the swash zone, the majority of the material was found in the ITZ with some material observed but not mitigated from the swash zone. FDEP personnel mitigated a fraction of the observed SRBs from each segment and additional material remained after the survey. A NRC report was filed to document the chronic oiling.

There were 107 SRBs and 1.98 lb of BP MC-252 material removed from the beach by FDEP personnel. USCG will investigate tomorrow May 2, 2014.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb)	NRC Report #	NRC Followup
FLES2-018	40 ¹	1.00 - 5.25	0.43	1081446	USCG investigation
FLES2-019	67 ¹	1.25 - 9.25	1.55	1081446	USCG investigation

1. Not all material was mitigated

Monitoring Photos:



Example of SRB stranding in shell deposits in the ITZ



SRBs mitigated from FLES2-018



SRBs mitigated from FLES2-019

Recommendations:

FLES2-018 and 019: Segments have been signed out of the response but continue to yield BP MC-252 material. Recommend further periodic monitoring when weather conditions are favorable for product recovery.

ACRONYMS

ES - Entire Segment

EZ - Entire Zone

FLES - Florida Escambia County

FLGU - Florida Gulf County

FOSC- Federal on Scene Coordinator

HBR- Hard Black Rubbery Tar Ball

LITZ- Lower Intertidal Zone

LTZ- Lower Tidal Zone

MTZ - Middle Tidal Zone

NRC- National Response Center

NPS - National Park Service

SRB - Surface Residue Ball

SRP - Surface Residue Patty

UITZ- Upper Intertidal Zone

USTZ - Upper Supra Tidal Zone

FLBA - Florida Bay County

FLOK - Florida Okaloosa County

FLWA - Florida Walton County

GUIS - Gulf Islands National Seashore

ITZ- Intertidal Zone

LSTZ - Lower Supra Tidal Zone

MIT - Mitigated

NAS - Naval Air Station

NOO - No Observable Oil

STZ - Supra Tidal Zone

USCG- United States Coast Guard

UTZ - Upper Tidal Zone

USTZ - Upper Supra Tidal Zone