

4/21/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES1-007, FLES1-015 (Perdido Key), and FLES1-043 (NAS Pensacola).

Team Members:

Joey Whibbs - FDEP

Survey Conditions:

During today's survey the skies were sunny, winds were SE @ 5 knots, and the seas in the Gulf were 1 foot. The tide was mid and rising, with low tide (-0.17 ft) at 1:56 AM this morning and high tide (1.14 ft) at 2:35 PM this afternoon.



Conditions at Perdido Key



Conditions at NAS Pensacola

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1, segments FLES1-007, 015 and 043. The conditions in the Gulf and Bay were adequate for survey of the swash zone. The surveys were conducted to verify the presence of BP MC-252 oil and not to mitigate all observed oil. The surveys did not cover the entire segments and therefore represent only a portion of the actual oiling.

In segments FLES1-007 and FLES1-015 on Perdido Key, there were numerous SRBs found in the swash zone and ITZ. The majority of the oiled material was found in the swash zone. Only a fraction of the observed oil was mitigated. NRC reports were filed for documentation.

In segment FLES1-043, there were numerous SRBs throughout the swash zone and ITZ. The majority of the material was found on the east side of the outflow in FLES1-043. Only a fraction of the observed material was able to be mitigated by the FDEP today. A NRC report was filed for documentation.

There were 439 SRBs and 2.28 lb of BP MC-252 material removed from the beach today by FDEP personnel. An additional 0.53 lb was collected by the USCG today, amounting to 2.81 lb of BP MC-252 material removed from the beach today.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb)	NRC Report #	NRC Followup
FLES1-007	87 ¹	1.00 - 6.00	0.94	1080346	USCG mitigated
FLES1-015	82 ¹	1.00 - 5.00	0.47	1080347	USCG mitigated
FLES1-043	270 ¹	1.00 - 4.00	0.87	1080380	USCG mitigated

1. More SRBs remaining in segment after survey.

Monitoring Photos:



SRBs mitigated from FLES1-007



SRBs mitigated from FLES1-015



SRBs mitigated from FLES1-043

Recommendations:

FLES1-007, 015, and 043: 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

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|------------------------------------|---------------------------------------|
| ES - Entire Segment | FLBA - Florida Bay County |
| EZ - Entire Zone | FLOK - Florida Okaloosa County |
| FLES - Florida Escambia County | FLWA - Florida Walton County |
| FLGU - Florida Gulf County | GUIS - Gulf Islands National Seashore |
| FOSC- Federal on Scene Coordinator | ITZ- Intertidal Zone |
| HBR- Hard Black Rubbery Tar Ball | LSTZ - Lower Supra Tidal Zone |
| LITZ- Lower Intertidal Zone | MIT - Mitigated |
| LTZ- Lower Tidal Zone | NAS - Naval Air Station |
| MTZ - Middle Tidal Zone | NOO - No Observable Oil |
| NRC- National Response Center | STZ - Supra Tidal Zone |
| NPS - National Park Service | USCG- United States Coast Guard |
| SRB - Surface Residue Ball | UTZ - Upper Tidal Zone |
| SRP - Surface Residue Patty | USTZ - Upper Supra Tidal Zone |
| UITZ- Upper Intertidal Zone | |
| USTZ - Upper Supra Tidal Zone | |