

12/9/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES1-043, FLES1-020 and FLES1-021 (Perdido Key and Pensacola NAS)

Team Members:

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Survey Conditions:

During today's survey the skies were cloudy, winds were E @ 10-15 knots, and the seas in the Gulf were 1 foot. The tide was low and rising, with low tide (-0.28 ft.) at 09:51 AM this morning and high tide (1.0 ft.) at 10:25 PM tonight.



Conditions at FLES1-020

Survey Summary:

Today FDEP personnel conducted a post-response monitoring survey in Escambia County Division 1, segments FLES1-043, FLES1-020 and FLES1-021. The conditions in the Bay were adequate for survey of the swash zone. The survey did not cover the entire segment and therefore represents only a portion of the actual oiling in the segment. The survey was conducted to verify the presence of BP MC-252 oil and not to mitigate all observed oil.

In segment FLES1-043, there were numerous SRBs throughout the swash zone and in the ITZ. Most of the observed material was able to be mitigated by the FDEP today, however there were still many smaller SRBs remaining in the swash zone after the survey. A NRC report was filed for documentation.

Segments FLES1-020 and FLES1-021 on Perdido Key produced many SRBs ranging in size from 1.00 cm upwards to 7.00 cm. There were several shell hash beds where there many SRBs seen washing back and forth in the swash zone. Roughly 50 percent of those SRBs were able to be mitigated this morning.

There were 424 SRBs and 2.85 lbs. of BP MC-252 material removed from the beach today by FDEP personnel.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb)	NRC Report #	NRC Followup
FLES1-043	89	1.00 - 6.00	0.32	1102991	TBD
FLES1-020	222	1.00 - 7.00	1.64	1102991	TBD
FLES1-021	113	1.00 - 7.00	0.89	1102991	TBD

Monitoring Photos:



SRBs mitigated from FLES1-020



SRBs mitigated from FLES1-021

Recommendations:

FLES1-043, FLES1-020 and FLES1-021: 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 | |