

12/8/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES1-016, FLES1-017 and FLES1-018 (Perdido Key)

Team Members:

David Perkinson - FDEP

Jacob Pace - FDEP

Survey Conditions:

During today's survey the skies were cloudy, winds were E @ 10-15 knots, and the seas in the Gulf were 2-3 feet. The tide was low and rising, with low tide (-0.32 ft.) at 09:16 AM this morning and high tide (1.09 ft.) at 09:54 PM tonight.



Conditions at FLES1-017

Survey Summary:

Today FDEP personnel conducted a post-response monitoring survey in Escambia County, segments FLES1-016, FLES1-017 and FLES1-018. The conditions in the Gulf of Mexico were ideal for survey of the intertidal and supra-tidal zones with wave heights in the 2 to 3 foot range in the swash zone. The survey was conducted to verify the presence of BP MC-252 oil and not to mitigate all observed oil.

For this morning's survey, FDEP personnel surveyed three segments along Johnson Beach Rd. In all three segments today, there were many SRBs throughout the ITZ and the STZ due to stranding during this morning's low tide combined with rough surf this morning. Roughly 75 percent of all visible material was able to be mitigated today FDEP personnel.

There were 215 SRBs and 1.93 lbs. of BP MC-252 material removed from the beach today by FDEP personnel. A NRC report was filed for documentation.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb.)	NRC Report #	NRC Follow-up
FLES1-016	57	1.00 - 5.00	0.44	1102901	TBD
FLES1-017	65	1.00 - 5.00	0.56	1102901	TBD
FLES1-018	93	1.00 - 6.00	0.93	1102901	TBD

Monitoring Photos:



SRB mitigated from FLES1-016



SRBs mitigated from FLES1-017

Recommendations:

FLES1-016, FLES1-017 and FLES1-018: 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 | 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 | |