

11/19/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segment FLES1-035, FLES2-002, FLES2-003, FLES2-004 (NPS Ft. Pickens)

Team Members:

David Perkinson - FDEP

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Survey Conditions:

During today's survey the skies were sunny, winds were N @ 5 knots, and the seas in the Gulf were calm. The tide was low and rising, with low tide (0.18 ft.) at 05:49 AM this morning and high tide (1.29 ft.) at 08:33 PM tonight.



Conditions at FLES2-003

Survey Summary:

Today FDEP personnel conducted a post-response monitoring survey in Escambia County Divisions 2, segments FLES1-035, FLES2-002, FLES2-003 and FLES2-004. The conditions in the Gulf of Mexico were ideal for survey of the swash zone, ITZ and the STZ today. Conditions were very calm in the swash zone today due to hard north winds and very little wave action. The survey was conducted to verify the presence of BP MC-252 oil and not to mitigate all observed oil.

During this morning's survey there were very many SRBs throughout the swash zone and the ITZ in the three division 2 segments. A majority of the SRBs were found stranded on the beach due to a near low tide at the time of this morning's survey. An estimated 50 percent of the visible SRBs were able to be mitigated by FDEP personnel.

In segment FLES1-035 there were two SRPs found exposed by the hard North winds over the past two days along with many smaller sub 2 cm SRBs. Not all visible material was able to be mitigated. There were 758 SRBs and 5.31 lbs. of BP MC-252 material removed from the beach today by FDEP personnel.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size + SRP Size	SRB Weight (lbs.)	NRC Report #	NRC Followup
FLES1-035	182	1.00 - 12.00	1.66	1101455	TBD
FLES2-002	66	1.00 - 5.00	0.51	1101455	TBD
FLES2-003	357	1.00 - 6.00	1.91	1101455	TBD
FLES2-004	153	1.00 - 5.00	1.23	1101455	TBD

Monitoring Photos:



SRBs and SRPs mitigated from FLES1-035



SRBs mitigated from FLES2-003

Recommendations:

FLES1-035, FLES2-002, FLES2-003, FLES2-004. 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 | |