

2/18/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES1-018 and 019 (Johnson Beach NPS Perdido).

Team Members:

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Survey Conditions:

During today's survey there was heavy fog, winds were variable @ 0-5 knots, and the seas in the Gulf were 2-3 feet with waves breaking on shore. There was a neap tide today, with low tide (0.13 ft) at 6:44AM this morning, high tide (0.38 ft) at 12:35 PM and low tide again at (0.10 ft) 8:41 PM.



Conditions at Johnson Beach



Swash zone conditions

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1; segments FLES1-018 and 019. The surveys focused on the ITZ/STZ because the swash zone was too rough for survey. There were numerous SRBs found in the ITZ/STZ of both segments. The FDEP team mitigated material from each segment and NRC reports were filed for documentation. These segments should be investigated again once the seas calm so that material in the swash zone can be addressed.

There were 317 SRBs and 1.99 lb of BP MC-252 material removed from the beach by FDEP personnel. USCG investigated and mitigated an additional 0.22 lb amounting to a total of 2.21 lb of BP MC-252 material being removed from the beach today as a result of this monitoring effort.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb)	NRC Report #	NRC Followup
FLES1-018	133	1.25 - 8.00	0.87 +0.16 USCG	1074335	USCG mitigation
FLES1-019	184	1.00 - 7.25	1.12 +0.06 USCG	1074322	USCG mitigation

Monitoring Photos:



SRBs mitigated from FLES1-018



SRBs mitigated from FLES1-019

Recommendations:

FLES1-018, 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

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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 | |