

2/25/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES1-020, 021 and 022 (Johnson Beach NPS Perdido).

Team Members:

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Survey Conditions:

During today's survey there were clear skies, winds were variable @ 0-5 knots, and the seas in the Gulf were 1-2 feet with waves breaking on shore. The tide was mid and rising today, with low tide (-0.45 ft) at 5:08AM this morning and high tide at (0.99 ft) 6:23 PM.



Conditions at Johnson Beach

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1; segments FLES1-020, 021, and 022. Numerous SRBs were found in all three segments with the majority of the material being found throughout the swash zone. The surveys were conducted to verify the presence of BP MC252 material and not to collect all observed material. Therefore, only a fraction of the observed material was collected. NRC reports were filed for each segment to document the chronic oiling. The FDEP monitoring team met with USCG personnel to discuss the NRC reports. Upon further investigation, the USCG decided to deploy the OSRO to clean segments FLES1-020 and 022.

There were 153 SRBs/1 SRP and 2.92 lb of BP MC-252 material removed from the beach by FDEP personnel. After the FDEP monitoring surveys, the USCG deployed the OSRO to clean segments FLES1-020 and FLES1-022. The OSRO mitigated an additional 6.06 lb amounting to a total of 8.98 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
FLES1-020	6	4.50 - 9.50	0.32 +1.26 OSRO	1075025	OSRO Deployed
FLES1-021	43	1.50 - 9.00	0.87	1075039	No further action
FLES1-022	104 +1 SRP	1.25 - 9.00 10.00	1.73 +4.80 OSRO	1075024	OSRO Deployed

Monitoring Photos:



SRBs mitigated from FLES1-020 (additional material collected by OSRO)



SRBs mitigated from FLES1-021



SRBs/SRP mitigated from FLES1-022 (additional material collected by OSRO)

Recommendations:

FLES1-020, 021, 022: 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 | |