

2/13/2014 FDEP Beach Monitoring Report

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

Team Members:

Dominic Marcanio – FDEP Joey Whibbs – FDEP

Survey Conditions:

During today's survey the skies were sunny, winds were N @ 10-15 knots, and seas in the Gulf were one foot or less. The tide was low and rising, with low tide (-0.29 ft) at 7:04 AM and high tide (0.71 ft) at 8:40 PM.



Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1, segments FLES1-020, 021, and 022 at NPS Johnson's Beach. Conditions in the Gulf were acceptable for surveys with calm seas and a low tide. The goal of today's surveys was not to mitigate all MC-252 material, but simply to confirm the presence of MC-252 oil in each segment and generate an NRC report to initiate further investigation by the USCG.

In all three segments, several SRBs were observed throughout the swash zone. Individual NRC reports were filed for each segment and very little material was mitigated during survey. Therefore, today's findings do not represent the amount of MC-252 material that could be recovered from the segments if an OSRO was deployed. The USCG investigated the segments after the NRC reports were filed and recovered additional MC-252 material. The NRC reports were left open for further investigation tomorrow, February 14th.

163 SRBs and 1 SRP were recovered during survey (2.55 lb), plus an additional 7.64 lb recovered by the USCG, amounting to 10.19 lb of MC-252 product removed from the beach today.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb)	NRC Report #	NRC Followup
FLES1-020	32 ¹	1.5 - 8.75	0.67 FDEP +2.96 USCG	1073834	Further investigation tomorrow
FLES1-021	37 ¹	1.5 - 7.0	0.38 FDEP +3.69 USCG	1073841	
FLES1-022	94 ¹ +1 SRP	2.0 - 8.0 10.0	1.50 FDEP +0.99 USCG	1073842	

1. Partial mitigation by FDEP. Does not represent total amount of oiling within the segment.

Monitoring Photos:



FLES1-020: example of SRBs stranding from swash zone



FLES1-021: SRB uncovered near swash zone



FLES1-022: example of SRB in swash zone



SRBs recovered from FLES1-020 (left) and FLES1-021 (right)
Not all material mitigated during survey.



SRBs/SRP recovered from FLES1-022. Not all material mitigated during survey.

Recommendations:

FLES1-020, 021, and 022: Segments have been signed out of the response but continue to yield MC-252 material. Recommend further periodic monitoring of these segments when weather conditions are favorable for product recovery.

ACRONYMS

ES - Entire Segment

EZ - Entire Zone

FLES - Florida Escambia County

FLGU - Florida Gulf County

FOSC - Federal on Scene Coordinator

HBR - Hard Black Rubbery Tar Ball

LITZ - Lower Intertidal Zone

LTZ - Lower Tidal Zone

MTZ - Middle Tidal Zone

NRC - National Response Center

NPS - National Park Service

SRB - Surface Residue Ball

UITZ - Upper Intertidal Zone

USTZ - Upper Supra Tidal Zone

FLBA - Florida Bay County

FLOK - Florida Okaloosa County

FLWA - Florida Walton County

GUIS - Gulf Islands National Seashore

ITZ - Intertidal Zone

LSTZ - Lower Supra Tidal Zone

MIT - Mitigated

NAS - Naval Air Station

NOO - No Observable Oil

STZ - Supra Tidal Zone

USCG - United States Coast Guard

UTZ - Upper Tidal Zone

USTZ - Upper Supra Tidal Zone