

2/17/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES1-015 (Perdido Key) and FLES1-043 (NAS Pensacola).

Team Members:

Dominic Marcanio – FDEP Joey Whibbs – FDEP

Survey Conditions:

During today's survey the skies were sunny, winds were variable @ 0-5 knots, and seas in the Gulf were 1-2 feet. There was a neap tide today, with low tide (0.05 ft) at 7:10 AM, high tide (0.28 ft) at 12:46 PM, low tide (0.17 ft) again at 6:45 PM and high tide (0.32 ft) again at 11:47 PM.



Conditions at Perdido Key



Conditions at NAS Pensacola

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1, segments FLES1-015 (Perdido Key) and FLES1-043 (NAS Pensacola). Conditions in the Gulf and Bay were calm and acceptable for surveys.

In segment FLES1-015, numerous SRBs were found throughout the swash zone and tidal pools in the ITZ. Most material was mitigated during survey and an NRC report was filed for documentation.

In segment FLES1-043, numerous SRBs were recovered from the swash zone and lower ITZ. Since a majority of the material was located east of the tidal inlet in the segment (an area not usually accessed by the USCG responders), some material was recovered during survey. However, not all

material could be recovered at this time. Some SRBs in the segment remain to be addressed and a NRC report was filed for documentation.

831 SRBs were recovered during survey, amounting to 2.72 lb of MC-252 product removed from the beach today plus an additional 0.32 lb recovered by the USCG. However, since not all material could be recovered during survey, this does not represent the total amount of oil within these segments.

MC-252 Oil Observed

| Segment ID | SRBs | SRB Size (cm) | SRB Weight (lb) | NRC Report # | NRC Followup |
|------------|------------------|---------------|-------------------------|--------------|-----------------|
| FLES1-015 | 291 | 0.5 - 5.25 | 0.91 FDEP +0.03 USCG | 1074216 | USCG mitigation |
| FLES1-043 | 540 ¹ | 1.0 - 6.9 | 1.81 FDEP +0.29 USCG | 1074236 | USCG mitigation |

1. Only about 60% of material observed was mitigated during survey

Monitoring Photos:



SRBs mitigated from FLES1-015



SRBs in the ITZ of FLES1-043 (not all material mitigated during survey)



SRBs in the swash zone of FLES1-043 (not all material mitigated during survey)



SRBs in the swash zone of FLES1-043 (not all material mitigated during survey)



SRBs recovered from FLES1-043 (not all material mitigated during survey)

Recommendations:

FLES1-015 and 043: 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

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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 |
| UITZ- Upper Intertidal Zone | USTZ - Upper Supra Tidal Zone |
| USTZ - Upper Supra Tidal Zone | |