

5/16/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES2-004, 005 (NPS Fort Pickens), and FLES2-019 (Pensacola Beach Avenida 18 through 23).

Team Members:

Joey Whibbs – FDEP

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Survey Conditions:

During today's survey the skies were sunny, with NW wind @ 0-5 knots, and the seas in the Gulf were one foot or less. The tide was mid and rising, with high tide (1.36 ft) at 10:35AM this morning and low tide (-0.26 ft) at 10:40 PM this evening



Conditions at Fort Pickens

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 2; segments FLES2-004, FLES2-005, and FLES2-019. The surveys did not cover the entire segments and therefore represent only a portion of the actual oiling in each segment. The surveys were conducted to verify the presence of BP MC-252 oil and not to mitigate all observed oil.

There were numerous SRBs found in segments FLES2-004 and 005. The majority of the material was found in the swash zone with some material stranding in the ITZ. FDEP personnel mitigated a fraction of the observed SRBs from each segment and additional material remained after the surveys. NRC reports were filed for documentation.

There were numerous SRBs found in segment FLES2-019. The majority of the material was found in the swash zone with some material stranding in the ITZ. FDEP mitigated some of the observed SRBs and additional material remained after the survey. A NRC report was filed for documentation.

There were 289 SRBs and 3.02 lb of BP MC-252 material removed from the beach by FDEP personnel. After the FDEP surveys, USCG investigated the NRC reports and mitigated an additional

0.355 lb, for a combined total of 3.375 lb of BP MC-252 material 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 |
|------------|------|---------------|---------------------|--------------|-----------------|
| FLES2-004 | 111 | 2.00 - 8.25 | 1.21 +USCG 0.056 | 1082975 | USCG Mitigation |
| FLES2-005 | 127 | 1.25 - 4.50 | 0.73 +USCG 0.056 | 1082975 | USCG Mitigation |
| FLES2-019 | 51 | 1.00 - 9.00 | 1.08 +USCG 0.243 | 1082986 | USCG Mitigation |

Monitoring Photos:



SRBs mitigated from FLES2-004



SRBs mitigated from FLES2-005



SRBs mitigated from FLES2-019

Recommendations:

FLES2-004, 005, 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

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

LITZ- Lower Tidal Zone

MTZ - Middle Tidal Zone

NRC- National Response Center

NPS - National Park Service

SRB - Surface Residue Ball

SRP - Surface Residue Patty

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