

Survey Area: Escambia County segments FLES1-015 (Perdido Key) and 020, 021, 022 (Johnson Beach NPS Perdido).

Team Members:

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Survey Conditions:

During today's survey there were clear skies, winds were N @ 15-20 knots, and the seas in the Gulf were 2-3 feet with waves breaking on shore. The tide was mid and rising today, with low tide (0.08 ft) at 4:07AM early this morning and high tide (0.75 ft) at 5:48PM this afternoon.



Conditions at Perdido Key

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1; segments FLES1-015, 020, 021, and 022. In segment FLES1-015, the swash zone was rough and murky making it difficult to survey. However, there were still numerous SRBs observed in the swash zone and on the beach. The survey was conducted to verify the presence of BP MC252 oil and not to collect all observed material. Therefore, only a fraction of the observed material was collected. A NRC report was filed to document the chronic oiling. USCG responders investigated after and mitigated SRBs from the dry beach. Material in the swash zone remains unaddressed.

At Johnson Beach in segments FLES1-020, 021, and 022 the swash zone was rough and murky making it difficult to survey. However, there were numerous SRBs found in all three segments with the majority of the material located in the swash zone. The surveys were conducted to verify the presence of BP MC252 oil and not to collect all observed material. Therefore, only a fraction of the observed material was collected. NRC reports were filed to document the chronic oiling. USCG responders investigated after and mitigated SRBs from the dry beach. Material in the swash zone remains unaddressed.

There were 257 SRBs and 3.06 lb of BP MC-252 material removed from the beach by FDEP personnel. After the FDEP monitoring surveys, the USCG mitigated an additional 0.84 lb amounting to a total of 3.90 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
FLES1-015	43	1.25 - 5.00	0.38	1079236	USCG mitigation
FLES1-020	35	1.00 - 5.00	0.33	1079240	USCG mitigation
FLES1-021	77	1.00 - 8.00	1.38	1079240	USCG mitigation
FLES1-022	102	1.00 - 6.25	0.97	1079247	USCG mitigation

Monitoring Photos:



SRBs mitigated by FDEP from FLES1-015



SRBs mitigated by FDEP from FLES1-020/FLES1-021



SRBs mitigated by FDEP from FLES1-022

Recommendations:

FLES1-015, 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

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

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