

Survey Area: Escambia County segment FLES1-080 and FLES1-078 (dredge spoil on top of Sugar Island).

Team Members:

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Survey Conditions:

During today's survey the skies were sunny, N wind @ 10-15 knots, and the bay was calm. The tide was mid and rising, with low tide (-0.27 ft) at 3:20 AM this morning and high tide (0.74 ft) at 3:44 PM today.



Conditions at Sugar Island

Survey Summary:

Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1; segments FLES1-080 and in the middle of Sugar Island contiguous to FLES1-078. Today the FDEP beach monitoring team investigated the dredge spoil after a recent dredge operation on the north side of Sugar Island. The project has completed and in the area that dredge material was deposited there were numerous SRBs found. It appears that these SRBs are a result of the recent dredge operation pulling sand from FLES1-078 (see map). This is not historically a segment that would have much oiling. This area will be further investigated as the sand settles potentially exposing more SRBs.

The team also investigated the drainage outflow in FLES1-080. While the dredge operation was in progress, a large volume of water was being discharged from the drainage outflow. The heavy flow caused a channel to be carved out of the shoreline in FLES1-080 (see map). Numerous SRBs were found in the channel and on the beach surrounding the outflow. The team mitigated as much as possible because the USCG will not be able to respond until tomorrow February 8, 2014.

There were 167 SRBs and a total of 1.27 lb of BP MC-252 material removed from the beach by FDEP personnel. Separate NRC reports were filed for both areas surveyed today. The USCG will investigate both NRC reports tomorrow February 8, 2014.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb)	NRC Report #	NRC Followup
FLES1-078	41	0.50 - 4.25	0.19	1073316	USCG will investigate 2/8/14
FLES1-080	126	0.75 - 5.75	1.08	1073263	USCG will investigate 2/8/14

Monitoring Photos:



Drainage outflow in FLES1-080



Drainage outflow in FLES1-080



SRBs in drainage outflow of FLES1-080.



SRBs in swash of FLES1-080



Cross section of SRB from FLES1-080



SRBs mitigated from FLES1-080 at the drainage outflow



Map of Sugar Island with tracks (red) from survey of dredge spoil



Dredge operations in progress on January 24, 2014



Dredge operations in FLES1-078 and on top of Sugar Island on January 24, 2014



SRB found in FLES1-078 on top of Sugar Island in dredge spoil



SRBs mitigated from FLES1-078 on top of Sugar Island in dredge spoil

Recommendations:

FLES1-078 and FLES1-080: 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	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	