

Survey Area: Escambia County segments FLES1-078 (dredge spoil on top of Sugar Island), FLES1-080, and FLES1-036 (NPS Fort McRee).

Team Members:

Joey Whibbs – FDEP

Survey Conditions:

During today's survey the skies were sunny, S wind @ 0-5 knots, and the bay was calm. The tide was mid and rising, with low tide (0.16 ft) at 3:47 AM this morning and high tide (0.69 ft) at 7:15 PM today.



Conditions at Sugar Island

Survey Summary:

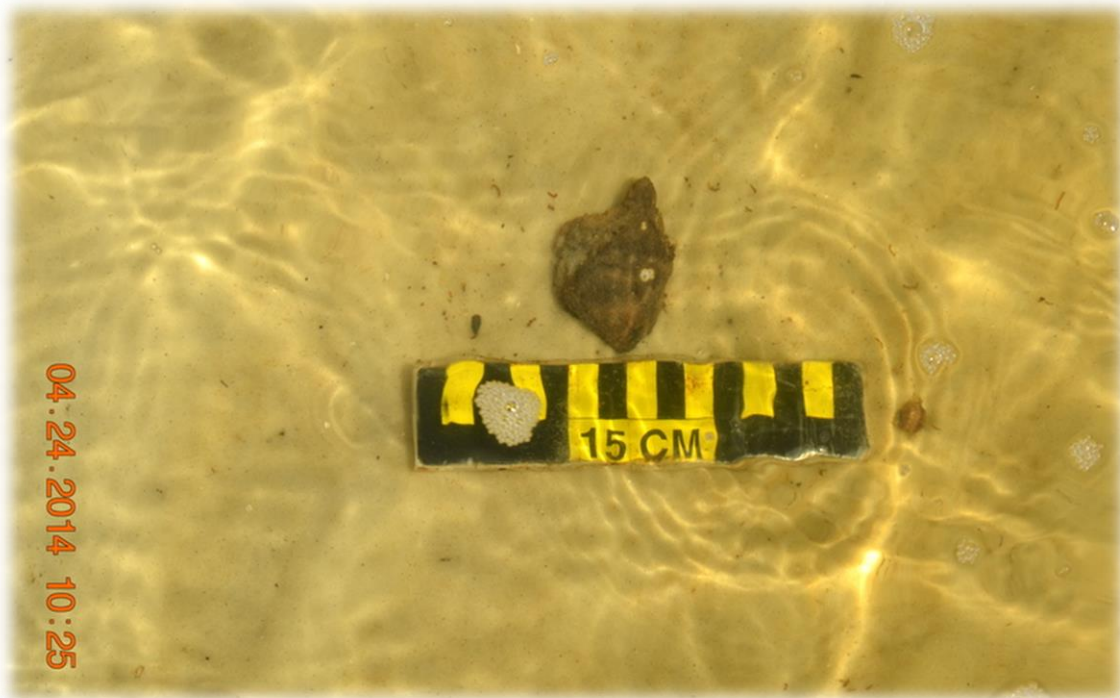
Today FDEP personnel conducted post-response monitoring surveys in Escambia County Division 1; segments FLES1-036, FLES1-080, and in the middle of Sugar Island (Spoil Island 45) contiguous to FLES1-078. FDEP personnel further investigated the dredge spoil from a dredge operation on the north side of Sugar Island. The project was completed in January 2014 and was surveyed in February by the FDEP. The February investigation revealed numerous SRBs in the area that dredge material was deposited. Again, the FDEP found numerous SRBs in the dredge spoil area. The material appears to have been deposited during the dredge process and then came to the surface after some wind erosion. This area will continue to be monitored for oiling. FDEP personnel also investigated segments FLES1-036 and FLES1-080. Numerous SRBs were found in the swash zone and in the ITZ of both segments. NRC reports were filed to document the oiling. Most of the observed material was mitigated today because USCG responders will not be able to investigate until tomorrow April 25, 2014.

There were 151 SRBs and a total of 1.43 lb of BP MC-252 material removed from the beach by FDEP personnel.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb)	NRC Report #	NRC Followup
FLES1-036	17	1.00 - 6.00	0.09	1080749	USCG will investigate 4/24/14
FLES1-078	92	1.00 - 4.25	0.84	1080680	USCG will investigate 4/24/14
FLES1-080	42	0.75 - 5.00	0.50	1080704	USCG will investigate 4/24/14

Monitoring Photos:



Example of SRB in swash of FLES1-080



SRBs mitigated from FLES1-036 and FLES1-080



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



SRBs 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



Sugar Island (Spoil Island 45).

Recommendations:

FLES1-078, FLES1-080, and FLES1-036: 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	