

Oil Sample Analysis Report
Amended

NOAA Marine Fisheries Service
Case Number LA436

Marine Safety Laboratory
Case Number 11-082



U.S. Department of
Homeland Security

**United States
Coast Guard**



Manager
U.S. Coast Guard
Marine Safety Laboratory

1 Chelsea Street
New London, CT 06320
Phone: (860) 271-2704
Fax: (860) 271-2641

16450
26 Sep 2012

NOAA Marine Fisheries Service
Attn: Elizabeth Stratton
75 Virginia Beach Drive
Miami, FL 33149

Dear Elizabeth Stratton:

The Oil Spill Identification Report for Marine Safety Laboratory Case 11-082 has been amended and is forwarded with this letter. As mentioned in our previous letter, the technical data supporting the report (spectrograms and chromatograms) have been archived at our facility and are available upon request. We will maintain the oil samples in refrigerated storage pending final case disposition..

Questions concerning this report or the analytical methods used should be directed to the Supervisor of Analysis, Kristy Juare.


K. JUARE
By direction

Enclosure: (1) MSL Report 11-082 (Amended)

United States Coast Guard
Marine Safety Laboratory
Oil Spill Identification Report
11-082 (Amended)

Requestor: NOAA Marine Fisheries Service

Unit Case Number: LA436

Received: 11-Jan-11

Via: Federal Express

8736 0139 3554

Number Of Samples: 5

Lab NO. of Spills: n/a

Lab NO. of Suspects: 1, 2, 3, 4 and 5

Lab NO. of Background: n/a

Analysis Methods:

- GAS CHROMATOGRAPHY (GC)
- GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)
- INFRARED SPECTROSCOPY (IR)

Laboratory's Conclusion (as explained below) OTHER

SPECIAL INSTRUCTIONS: Compare all samples to the Deepwater Horizon oil spill. Samples 10-095-1 and 10-220-6 were reanalyzed as representative Deepwater Horizon samples.

RESULTS:

1. Samples 11-082-1, 2, 3, 4 and 5 were specified to represent source samples. Analysis indicates:
 - A. Samples 11-082-2, 3, 4 and 5 contain traces of petroleum hydrocarbons. The quantity is not sufficient to determine the type of oil present or for comparison purposes based on the analysis conducted.
 - B. Sample 11-082-1 does not contain a quantity of petroleum oil detectable by the analysis conducted.
2. Samples 10-095-1 and 10-220-6 contain crude oil.

CONCLUSIONS:

1. Samples 11-082-1, 2, 3, 4 and 5 are not useful for comparison purposes due to an insufficient quantity of petroleum oil in the samples.

SUPERVISOR OF ANALYSIS

K. JUAIRE



DATE

26 Sep 12