

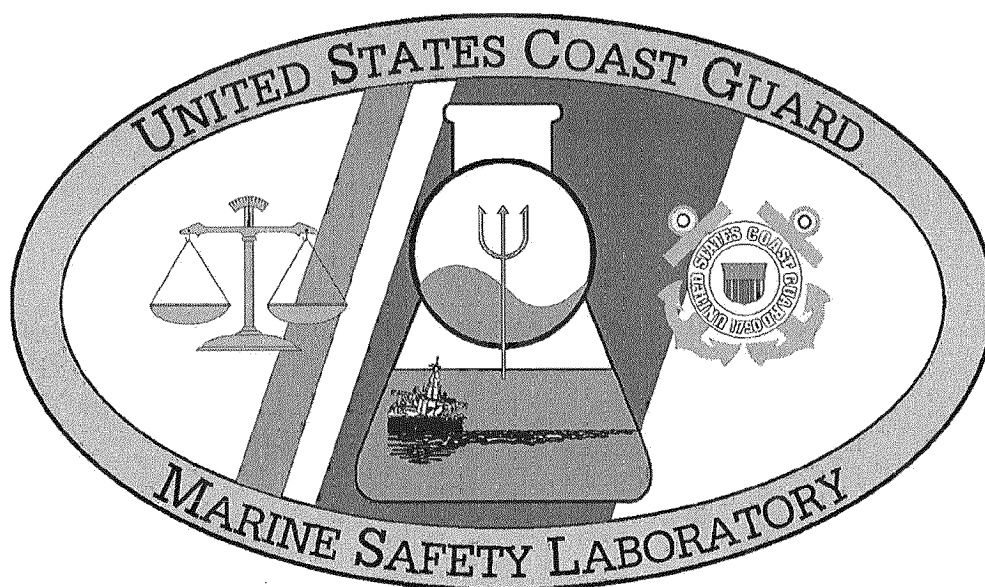
# Oil Sample Analysis Report

NOAA Marine Fisheries Service

Case Number LA 489

Marine Safety Laboratory

Case Number 11-195



U.S. Department of  
Homeland Security

United States  
Coast Guard



Manager  
U.S. Coast Guard  
Marine Safety Laboratory

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16450  
20 Apr 2011

NOAA Marine Fisheries Service  
Attn: Elizabeth Tuohy-Sheen  
75 Virginia Beach Dr.  
Miami, FL 33149

Dear Elizabeth Tuohy-Sheen:

The laboratory analysis of this case has been completed and our report is forwarded. The technical data supporting the report (spectrograms and chromatograms) have been archived at our facility and are available upon request.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

Encl: (1) MSL Report 11-195

**United States Coast Guard  
Marine Safety Laboratory  
Oil Spill Identification Report  
11-195**

**Requestor:** NOAA Marine Fisheries Service

**Unit Case/Activity Number:** LA 489

**Received:** 19-Apr-11                      **Via:** Federal Express      8750 2932 5001

**Number Of Samples:** 2

**Lab NO. of Spills:** n/a

**Lab NO. of Suspects:** 1 and 2

**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 the samples to the Deepwater Horizon oil spill. Samples 10-095-1 and 10-220-8 were analyzed as representative Deepwater Horizon samples.

**RESULTS:**

1. Samples 11-195-1 and 2 were specified to represent source samples. Neither sample contains a quantity of petroleum oil detectable by the analysis conducted.
2. Samples 10-095-1 and 10-220-8 contain crude oil.

**CONCLUSIONS:**

1. Samples 11-195-1 and 2 do not contain a quantity of petroleum oil detectable by the analysis conducted.

**SUPERVISOR OF ANALYSIS** \_\_\_\_\_

K. JUAIRE



**DATE** 20-Apr-11

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**United States Coast Guard  
Marine Safety Laboratory**

**Oil Spill Identification Analysis  
Cost Recovery Documentation**

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**Laboratory Case Number:** 11-195  
**Requestor:** NOAA Marine Fisheries Service  
**Unit Case Number:** LA 489  
**Number of Samples:** 4  
**Cost Per Sample Prepared:** \$20.00  
**Total Costs of Sample Preparation:** \$80.00  
**Number of Analysis:** 7  
**Cost Per Sample Prepared:** \$86.00  
**Total Costs for Analysis:** \$602.00  
**TOTAL COSTS:** \$682.00

This documentation is provided for purposes of Phase IV - Documentation and Cost Recovery under the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR Part 300)

**Signature:** \_\_\_\_\_



**Date:** 20 Apr 2011

**United States Coast Guard  
Marine Safety Laboratory Sample  
Check-In Log**

**MSL Case/Activity Number: 11-195**

**Requestor:** NOAA Marine Fisheries Service

**Unit Case Number** LA 489

**Federal Project Number:**

**Delivery Method:** Federal Express

**Received Date:** 19 Apr 11

**Delivery Number:** 8750 2932 5001

**Priority:** Yes

**Rush:** No

**Comparison** Yes

Lab Number 11-195	Sample Descriptions from Sample Jars	Spill	Source
1	JLS-20110319-LA001-2 1 TONGUE DEPRESSOR COLLECTED FROM BETWEEN PECTORAL FINS VENTRALLY 03/19/11 1540	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	JLS-20110319-LA001-4 1 GAUZE SWAB COLLECTED FROM DORSAL OF CARCASS 03/19/11 1540	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/>
6		<input type="checkbox"/>	<input type="checkbox"/>
7		<input type="checkbox"/>	<input type="checkbox"/>
8		<input type="checkbox"/>	<input type="checkbox"/>
9		<input type="checkbox"/>	<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>

**Remarks:** Compare the samples to DWH; samples designated as "Source" for comparison purposes only. Sample descriptions were taken from the COC.

**Samples checked in by:** KRISTY JUAIRE

*Kristy Juare*

**Date:** 19 Apr 11

**Sample Custodian:** MST3 MICHELLE KOSMO

*Michelle Kosmo*

**Date:** 20 APR 11

**Supervisor of Analysis:** K. JUAIRE

*Kristy Juare*

**Date:** 20 APR 11