

Oahu

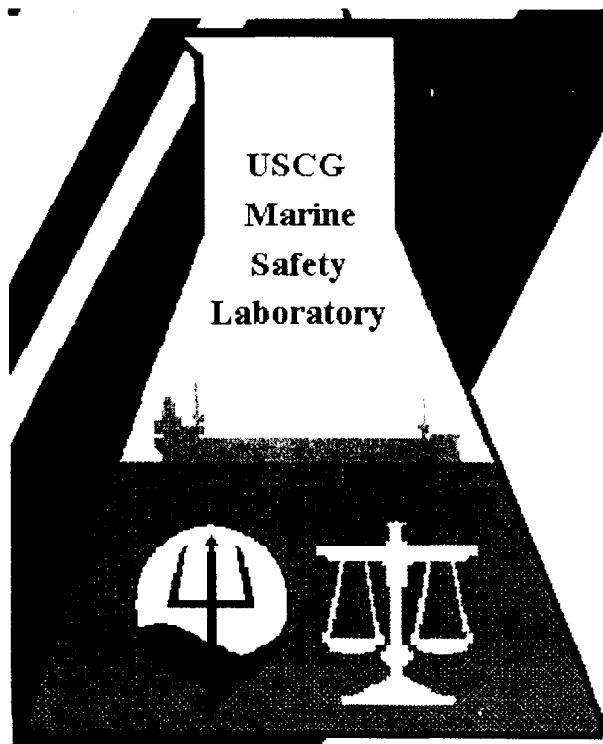
Oil Sample Analysis Report

MSO Honolulu

Case Number MC98011773

Marine Safety Laboratory

Case Number 98-289



**United States
Coast Guard**
U.S. Department
of Transportation



Manager
U.S. Coast Guard
Marine Safety Laboratory

1082 Shennecossett Road
Groton, CT 06340-6094
Phone: (860) 441-2645
Fax: (860) 441-2641

16400
22-Sep-98

From: Manager, Marine Safety Laboratory
To: Commanding Officer, MSO Honolulu
Subj: Oil Sample Analysis Report, MSO Honolulu
Case # MC98011773, MSL Case # 98-289

1. 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 The technical data supporting the report (spectrograms and chromatograms) have been archived at our facility and are available upon request.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.
2. Questions concerning this report or the analytical methods used should be directed to the Supervisor of Analysis, G. E. Moffett.


G. E. MOFFETT
By Direction

Encl: (1) MSL Report 98-289

UNITED STATES COAST GUARD MARINE SAFETY LABORATORY
OIL IDENTIFICATION LABORATORY

OIL SPILL IDENTIFICATION REPORT

LABORATORY CASE NUMBER: 98-289

REQUESTOR: MARINE SAFETY OFFICE HONOLULU

UNIT CASE NUMBER: MC98011773

RECEIVED: 17SEP98 VIA: FEDERAL EXPRESS (# 4416905916)

NUMBER OF SAMPLES: ONE (01)

LAB NO. OF SPILL: 98-289-1

ANALYSIS METHODS:

GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)

SPECIAL INSTRUCTIONS:

1. Perform comparison fingerprint analysis on the enclosed sample with previously analyzed tarball samples sent under MC98011773 and reported under MSL case number 98-281/282. Samples 98-281-6 and 7 were selected as representative samples for comparison purposes.

RESULTS:

1. Samples 98-281-6 and 7 contain similar weathered intermediate fuel oil products. Differences noted are consistent with the weathering of spilled oil.
2. Sample 98-289-1 contains a highly refined wax or possibly grease consisting of principally of high molecular weight paraffin compounds mixed with a petroleum base that contains compounds found in a lubricating oil.

CONCLUSIONS:

1. Samples 98-281-6 and 7 and suspected source sample 98-289-1 are not derived from a common source of spilled oil. Differences noted are not attributable to weathering of spilled oil.

SUPERVISOR OF ANALYSIS


GARY MORLETT

Chemist

DATE: 22SEP98

**United States Coast Guard
Marine Safety Laboratory**

Sample Check-in Log, MSL Case Number: 98-289

Requestor: MSO Honolulu

Unit Case Number: MC98011773

Federal Project Number

Delivery Method: FEDERAL EXPRESS

Received Date: 17-Sep-98

Delivery Number: 4416905916

Priority: No

Rush: Yes

Comparison: Yes


Lab Number
98-289

Sample Descriptions from Sample Jars


Spill Source

Lab Number	Sample Descriptions from Sample Jars	Spill Source
1	OA01 SOLID BLACK W/ SAND COATING MALAEKAHANA, BEACH, WINDWARD OAHU 14SEP98 1900	XX
2		
3		
4		
5		
6		
7		
8		
9		
10		

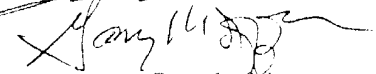
Remarks: COMPARE CASE WITH MSL CASES 98-281, 98-282

Samples checked in by: 

Date: 18 SEP 98

Sample Custodian: 

Date: 22 SEP 98

Supervisor of Analysis: 

Date: 23 SEP 98

U.S. Department
of Transportation

United States
Coast Guard



Commanding Officer
Marine Safety Office


433 Ala Moana Blvd.
Honolulu, HI 96813-4909
Staff Symbol: Port Ops
Phone: (808) 522-8260

16460
15SEP 98

From: Commanding Officer, Marine Safety Office Honolulu, HI
To: Commanding Officer, USCG Marine Safety Laboratories

Subj: REQUEST FOR OIL SAMPLE ANALYSIS

1. Request analysis of the 1 sample listed on attached Chain of Custody Record to assist in our investigation of spill case MC98011773.
2. This is a request for rush analysis.
3. Questions concerning this case should be directed to FNMK Kilgore at (808)522-8260.
4. The spill samples were collected from the island, Oahu.
5. The McGill sheen sampling net was not used.
6. Estimate 117 barrels spilled, clean-up is on going.
7. Weather Conditions at time of sampling: bright sun, 80 degrees, light and variable winds.
8. Spill did not involve seepage of oil through the soil.
9. There were no unknown organic matter from water foul in the area. Water was not polluted with possible multiple unknown sources.
10. All samples involved in this case are not being sent to the laboratory. Split with Tesoro for seperate analysis.
11. Identification of pollution type and check to MC98011128.


C. PETERSEN
By direction

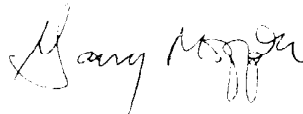
**United States Coast Guard
Marine Safety Laboratory**

**Oil Spill Identification Analyses
Cost Recovery Documentation**

Laboratory Case Number:	98-289
Requestor:	MSO Honolulu
Unit Case Number:	MC98011773
Number of Samples:	1
Cost Per Sample Prepared:	\$20.00
Total Costs of Sample Preparation:	\$20.00
Number of Analyses:	3
Cost Per Sample Prepared:	\$86.00
Total Costs for Analysis:	\$258.00
TOTAL COSTS:	\$278.00

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: 24-Sep-98