UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------Oil Trust Fund

Sample Collection Date(s)-- 06/16/10

Contact---------- Rich Mayer (6PD-F)

Report Date---------- 06/23/10

Project #---------- 10REG177

Work Order(s)----------1006018

Analyses included in this report:

LC DOSS

Report Narrative

Sample Management:

This report contains the LC DOSS results only. The VOA, ABN, Pest/PCB, Total Metals, and Toxicity results will be reported as soon as they are available.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin
Region 6 Laboratory Manager

David Neleigh
Region 6 Laboratory Branch Chief

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Oil Trust Fund Project Number: 10REG177

Data Management Coordinator: Christy Warren

/ /

Data Management Coordinator Signature Date

Date Transmitted: _____/_____/_____

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____/_____/_____

Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____

Signature Date

Please provide a reason for holding:

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T007-0006-100616-SW-1	1006018-01	Liquid	6/16/10 9:05	06/17/10 14:19
T007-1331-100616-SW-1	1006018-02	Liquid	6/16/10 10:50	06/17/10 14:19
T007-1332-100616-SW-1	1006018-03	Liquid	6/16/10 11:55	06/17/10 14:19
T007-SG020-100616-SW-1	1006018-04	Liquid	6/16/10 9:55	06/17/10 14:19
T005-SC031-100616-SW-1	1006018-06	Liquid	6/16/10 9:15	06/17/10 14:19
T001-2002-100616-SW-1	1006018-08	Liquid	6/16/10 11:00	06/17/10 14:19

Environmental Protection Agency

Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1006018-01 **Station ID: T007-0006-100616-SW-1**

Batch: B0F1803 Date Collected: 06/16/10
Sample Type: Liquid Sample Volume: 10 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosucinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1006018-02 **Station ID: T007-1331-100616-SW-1**

Batch: B0F1803 Date Collected: 06/16/10
Sample Type: Liquid Sample Volume: 10 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosucinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Environmental Protection Agency

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DOSS by LC/MS/MS

Lab ID: 1006018-03 **Station ID: T007-1332-100616-SW-1**

Batch: B0F1803 Date Collected: 06/16/10
Sample Type: Liquid Sample Volume: 10 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosucinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1006018-04 **Station ID: T007-SG020-100616-SW-1**

Batch: B0F1803 Date Collected: 06/16/10
Sample Type: Liquid Sample Volume: 10 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosucinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1006018-06 **Station ID: T005-SC031-100616-SW-1**

Batch: B0F1803 Date Collected: 06/16/10
Sample Type: Liquid Sample Volume: 10 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosucinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1006018-08 **Station ID: T001-2002-100616-SW-1**

Batch: B0F1803 Date Collected: 06/16/10
Sample Type: Liquid Sample Volume: 10 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosucinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS - Quality Control

Batch: B0F1803 **Sample Type: Liquid**

Blank (B0F1803-BLK1)

Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Di(2-ethylhexyl) sodium sulfosucinate	U		20.0

LCS (B0F1803-BS2)

Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Di(2-ethylhexyl) sodium sulfosucinate	100		20.0	104	96.5	50-150

Duplicate (B0F1803-DUP1)

Source: 1006018-01 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
Di(2-ethylhexyl) sodium sulfosucinate	U		20.0		U		30

Duplicate (B0F1803-DUP2)

Source: 1006018-02 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
Di(2-ethylhexyl) sodium sulfosucinate	U		20.0		U		30

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DOSS by LC/MS/MS - Quality Control

Batch: B0F1803 **Sample Type: Liquid**

Duplicate (B0F1803-DUP3)

Source: 1006018-03 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
Di(2-ethylhexyl) sodium sulfosucinate	U		20.0		U		30

Duplicate (B0F1803-DUP4)

Source: 1006018-04 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
Di(2-ethylhexyl) sodium sulfosucinate	U		20.0		U		30

Duplicate (B0F1803-DUP5)

Source: 1006018-06 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
Di(2-ethylhexyl) sodium sulfosucinate	U		20.0		U		30

Duplicate (B0F1803-DUP6)

Source: 1006018-08 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
Di(2-ethylhexyl) sodium sulfosucinate	U		20.0		U		30

Environmental Protection Agency
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DOSS by LC/MS/MS - Quality Control

Batch: B0F1803 **Sample Type: Liquid**

Matrix Spike (B0F1803-MS1)

Source: 1006018-08 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Di(2-ethylhexyl) sodium sulfosucinate	47.1		20.0	52.0	U	90.5	50-150

Matrix Spike Dup (B0F1803-MSD1)

Source: 1006018-08 Prepared: 6/18/2010 Analyzed: 6/19/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Di(2-ethylhexyl) sodium sulfosucinate	50.0		20.0	52.0	U	96.2	50-150	6.06	30

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
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CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle
Contact Name: Krtistie Warr
Contact Phone: 832-444-7976

No: T0033-100403-100616-0040

Cooler #: YOC
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	T007-0006-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	09:05	HCL and 4 C
	T007-1331-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	10:50	HCL and 4 C
	T007-1332-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	11:55	HCL and 4 C
	T007-G-100616-TB	VOCs	Blank	Grab	6/16/2010	NA	HCL and 4 C
	T007-SG020-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	09:55	HCL and 4 C
		LAST LINE EH 6/16/10					

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All	[illegible]	6/16/10	Gnesa Arsenault	6/16/10	19:21		Gnesa Arsenault	6/17/10	Christy Warren	6/17/10	14:19

Sample Temp = 3°C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle
Contact Name: Kristie Warr
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #: 2
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	~~T007-0006-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~
	~~T007-0006-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~HNO3 and 4 C~~
	~~T007-0006-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~
	~~T007-0006-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~HNO3 and 4 C~~
	~~T007-1331-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1332-100616-SW-1~~	~~SVOC~~	Surface Water	Grab	6/16/2010	~~11:55~~	~~4 C~~
	~~T007-1332-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~HNO3 and 4 C~~
	~~T007-1332-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~
	~~T007-1332-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~
	T007-SG020-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SG020-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:55	HNO3 and 4 C
	T007-SG020-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SG020-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:55	4 C
	LAST LINE CH 6/16/10						

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All		6/16/10	Chelsea	6/16/10	19:21		Chelsea	6/17/10	Christy Hunn	6/17/10	14:17

Sample Temp = 20C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette
Contact Name: Kristie Warr
Contact Phone: 713-985-6636

No: T0033-100402-20100616-001

AirbillNo: N/A
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative
	T005-C-100616-TB-2	VOCs	Blank	Grab	6/16/2010		3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	09:15	3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:15	1	1 Gallon Container	None
	T005-SC031-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:15	2	500 ml Poly	HNO3

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	6/16/10	Chelsea Arzeneaux	6/16/10	20:17		Chelsea Arzeneaux	6/17/10 ~~[illegible]~~ CA	Christy Warren	6/17/10	14:19

Sample Temp = 20C

Environmental Protection Agency

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6

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette
Contact Name: Kristie Warr
Contact Phone: 713-985-6636

No: T0033-100402-20100616-002

AirbillNo: N/A
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative
	T005-SC031-100616-SW-1	SVOCs, ABN	Surface Water	Grab	6/16/2010	09:15	2	1 liter amber	None
	T005-SC031-100616-SW-1	Pesticides, PCBs	Surface Water	Grab	6/16/2010	09:15	2	1 liter amber	None

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	6/16/2010	Cynthia Arsenault	6/16/10 CA	20:17		Cynthia Arsenault	6/17/10	Christy Warren	6/17/10	14:19

Sample Temp = 2°C

Environmental Protection Agency

Region 6 Laboratory

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CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle
Contact Name: Kristie Warr
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #: 4
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	~~T007-0006-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~
	~~T007-0006-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~HNO3 and 4 C~~
	~~T007-0006-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~
	~~T007-0006-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~HNO3 and 4 C~~
	~~T007-1331-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	T007-1332-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-1332-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	11:55	HNO3 and 4 C
	T007-1332-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-1332-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	11:55	4 C
	~~T007-SG020-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~
	~~T007-SG020-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~HNO3 and 4 C~~
	~~T007-SG020-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~
	~~T007-SG020-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~
	LAST LINE CH. 6/16/10						

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All		6/16/10	Chelsea Arkenault	6/16/10	19:23		Chelsea Arkenault	6/17/10	Christy Warr	6/17/10	14:19

Sample temp 10C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle
Contact Name: Kristie Warr
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #: 1
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	T007-0006-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:05	HNO3 and 4 C
	T007-0006-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:05	4 C
	~~T007-1331-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~HNO3 and 4 C~~
	~~T007-1331-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1331-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~10:50~~	~~4 C~~
	~~T007-1332-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~
	~~T007-1332-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~HNO3 and 4 C~~
	~~T007-1332-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~
	~~T007-1332-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~
	~~T007-SG020-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~
	~~T007-SG020-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~HNO3 and 4 C~~
	~~T007-SG020-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~
	~~T007-SG020-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~
	LAST LINE EA 6/16/10						

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All	[signature]	6/16/10	Gnelson [signature]	6/16/10	19:21		Gnelson [signature]	6/17/10	Christy Wheeler	6/17/10	14:19

Sample Temp = 0°C
"not frozen"

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle
Contact Name: Kristie Warr
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #: 3
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative	
	~~T007-0006-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~	CH
	~~T007-0006-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~HNO3 and 4 C~~	EA
	~~T007-0006-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~	CN
	~~T007-0006-100616-SW-1~~	Toxicity	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:05~~	~~4 C~~	EI
	T007-1331-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	10:50	4 C	
	T007-1331-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	10:50	HNO3 and 4 C	
	T007-1331-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	10:50	4 C	
	T007-1331-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	10:50	4 C	
	~~T007-1332-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~	CH
	~~T007-1332-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~HNO3 and 4 C~~	EA
	~~T007-1332-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~	CN
	~~T007-1332-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~11:55~~	~~4 C~~	EI
	~~T007-SG020-100616-SW-1~~	~~SVOC~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~	CH
	~~T007-SG020-100616-SW-1~~	~~Total Metals~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~HNO3 and 4 C~~	EA
	~~T007-SG020-100616-SW-1~~	~~Pest/PCBs~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~	CN
	~~T007-SG020-100616-SW-1~~	~~Toxicity~~	~~Surface Water~~	~~Grab~~	~~6/16/2010~~	~~09:55~~	~~4 C~~	EA
	LAST LINE EA 6/16/10							

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All	[signature]	6/16/10	Chelsea Arzenecula	6/16/10	19:21		Chelsea Arzenecula	6/17/10	Christy Urban	6/17/10	14:19

Sample temp = 10C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette
Contact Name: Kristie Warr
Contact Phone: 713-985-6636

No: T0033-100402-20100616-001

AirbillNo: N/A
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative
	T005-C-100616-TB-2	VOCs	Blank	Grab	6/16/2010		3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	09:15	3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:15	1	1 Gallon Container	None
	T005-SC031-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:15	2	500 ml Poly	HNO3

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	6/16/10	Chelsea Arzeneaux	6/16/10	20:17		Chelsea Arzeneaux	6/17/10 ~~6/17/10~~ CA	Christy Warren	6/17/10	14:19

Sample Temp = ~~30C~~ 30C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD
R06 Deep H2O Horizon Reporting
Lab: EPA Houston Lab
Lab_State: TX

No: T0001-100405-06/16/10-0374
Lab Address: 10625 Fallstone Rd
Lab_City: Houston
Lab_Zip: 77099

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSD
	T001-2002-100616-SW-1	Pest/PCB	Surface Water	Grab	6/16/2010	11:00	6	4 C	Y

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	6/16/10	Chelsea Arsenault	6/16/10	15:22		Chelsea Arsenault	6/17/10	Christy Warren	6/17/10	14:19

Sample Temp = 5°C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD
R06 Deep H2O Horizon Reporting
Lab: EPA Houston Lab
Lab_State: TX

No: T0001-100405-06/16/10-0365
Lab Address: 10625 Fallstone Rd
Lab_City: Houston
Lab_Zip: 77099

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSD
	T001-100616-FB-1	VOCs	Blank	Grab	6/16/2010	11:05	3	4 C	
	T001-2002-100616-SW-1	VOA	Surface Water	Grab	6/16/2010	11:00	9	HCl	Y
	T001-V-100616-TB-1	VOCs	Blank	Grab	6/16/2010		3	4 C	

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	Patrick Walsh	6/16/10	Chelsea Arnaudo	6/16/10	15:22		Chelsea Arnaudo	6/17/10	Cristy Wanon	6/17/10	1147:19

Sample Temp = 10C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

5

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD
R06 Deep H2O Horizon Reporting
Lab: EPA Houston Lab
Lab_State: TX

No: T0001-100405-06/16/10-0366
Lab Address: 10625 Fallstone Rd
Lab_City: Houston
Lab_Zip: 77099

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSD
	T001-2002-100616-SW-1	ABN (SVOCs)	Surface Water	Grab	6/16/2010	11:00	6	4 C	Y

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	Patrick Wich	6/16/10	Chelsea Arsenault	6/16/10	13:22		Chelsea Arsenault	6/17/10	Christy Klaus	6/17/10	14:19

Sample Temp = 2°C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.