17-Nov-2010

Kristie Kettler Warr
Weston Solutions, Inc.
5599 San Felipe, #700
Houston, TX 77056-2721

Tel: (713) 985-6636
Fax: (713) 985-6703

Re: Gulf Project-Alkyl PAHs Work Order: **1011484**

Dear Kristie,

ALS Environmental received 20 samples on 12-Nov-2010 03:15 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 61.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

R. Kevin Given

Electronically approved by: Mary K. Knowles

R. Kevin Given
Project Manager

Certificate No: TX: T104704231-10-3

90095975

ALS Environmental

Date: 17-Nov-10

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Work Order: **1011484**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1011484-01	T008-1315-100909-SD-1	Sediment		9/9/2010 12:40	11/12/2010 15:15	☐
1011484-02	T008-R624-100909-SD-1	Sediment		9/9/2010 11:27	11/12/2010 15:15	☐
1011484-03	T008-R625-100909-SD-1	Sediment		9/9/2010 10:22	11/12/2010 15:15	☐
1011484-04	T001-1340-100910-SD-1	Sediment		9/10/2010 11:45	11/12/2010 15:15	☐
1011484-05	T001-R679-100910-SD-1	Sediment		9/10/2010 10:30	11/12/2010 15:15	☐
1011484-06	T008-1309-100910-SD-1	Sediment		9/10/2010 12:34	11/12/2010 15:15	☐
1011484-07	T008-R621-100910-SD-1	Sediment		9/10/2010 11:13	11/12/2010 15:15	☐
1011484-08	T008-R622-100910-SD-1	Sediment		9/10/2010 09:42	11/12/2010 15:15	☐
1011484-09	T008-R622-100910-SD-2	Sediment		9/10/2010 09:42	11/12/2010 15:15	☐
1011484-10	T001-1345-100911-SD-1	Sediment		9/11/2010 11:00	11/12/2010 15:15	☐
1011484-11	T001-R667-100911-SD-1	Sediment		9/11/2010 12:20	11/12/2010 15:15	☐
1011484-12	T001-R671-100911-SD-1	Sediment		9/11/2010 09:45	11/12/2010 15:15	☐
1011484-13	T008-1311-100911-SD-1	Sediment		9/11/2010 09:56	11/12/2010 15:15	☐
1011484-14	T008-1312-100911-SD-1	Sediment		9/11/2010 12:06	11/12/2010 15:15	☐
1011484-15	T008-R615-100911-SD-1	Sediment		9/11/2010 10:47	11/12/2010 15:15	☐
1011484-16	T008-R618-100911-SD-1	Sediment		9/11/2010 09:07	11/12/2010 15:15	☐
1011484-17	T001-R681-100916-SD-1	Sediment		9/16/2010 15:45	11/12/2010 15:15	☐
1011484-18	T001-R682-100916-SD-1	Sediment		9/16/2010 10:30	11/12/2010 15:15	☐
1011484-19	T001-R683-100916-SD-1	Sediment		9/16/2010 12:50	11/12/2010 15:15	☐
1011484-20	T008-R687-100916-SD-1	Sediment		9/16/2010 09:54	11/12/2010 15:15	☐

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Work Order: 1011484

Case Narrative

All samples submitted for analysis by the client after hold time had expired.

Batch 47934, Alkyl PAH, Sample T008-1311-100911-SD-1 [ALS# 1011484-13]: The recovery of 2-Methylnaphthalene-d10 was marginally outside control limits on the MS; however it was within control limits on the LCS and MSD.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1315-100909-SD-1
Collection Date: 9/9/2010 12:40 PM

Work Order: 1011484
Lab ID: 1011484-01
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
2-Methylnaphthalene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
2-Methylnaphthalene-d10	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Acenaphthene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Acenaphthylene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Anthracene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Benz(a)anthracene	**4.8**	JH	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
Benzo(a)pyrene	**5.6**	JH	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
Benzo(b)fluoranthene	**7.9**	H	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
Benzo(e)pyrene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Benzo(g,h,i)perylene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Benzo(k)fluoranthene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C1-Chrysenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C1-Fluoranthenes/Pyrenes	**5.0**	JH	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
C1-Fluorenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C1-Phenanthrenes/anthracenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C2-Chrysenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C2-Fluoranthenes/Pyrenes	**5.7**	JH	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
C2-Fluorenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C2-naphthalenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C2-Phenanthrenes/anthracenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C3-Chrysenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C3-Fluoranthenes/Pyrenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C3-Fluorenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C3-naphthalenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C3-Phenanthrenes/anthracenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C4-Chrysenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C4-Naphthalenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
C4-Phenanthrenes/anthracenes	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Chrysene	**4.6**	JH	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
Dibenz(a,h)anthracene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Fluoranthene	**8.2**	H	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
Fluorene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Indeno(1,2,3-cd)pyrene	**5.2**	JH	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
Naphthalene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Perylene	**18**	H	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09
Phenanthrene	U	H	4.3	7.1	ug/Kg-dry	1	11/15/2010 17:09
Pyrene	**7.0**	JH	**4.3**	**7.1**	**ug/Kg-dry**	1	11/15/2010 17:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1315-100909-SD-1
Collection Date: 9/9/2010 12:40 PM

Work Order: 1011484
Lab ID: 1011484-01
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*49.0*			*20-97*	*%REC*	1	11/15/2010 17:09
Surr: Anthracene-d10	*54.4*			*22-98*	*%REC*	1	11/15/2010 17:09
Surr: Benzo(a)pyrene-d12	*68.2*			*43-111*	*%REC*	1	11/15/2010 17:09
Surr: Pyrene-d10	*61.1*			*51-120*	*%REC*	1	11/15/2010 17:09
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**53.5**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R624-100909-SD-1
Collection Date: 9/9/2010 11:27 AM

Work Order: 1011484
Lab ID: 1011484-02
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
2-Methylnaphthalene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
2-Methylnaphthalene-d10	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Acenaphthene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Acenaphthylene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Anthracene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Benz(a)anthracene	**5.7**	JHHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Benzo(a)pyrene	**5.3**	JHHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Benzo(b)fluoranthene	**7.8**	HHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Benzo(e)pyrene	**3.9**	JHHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Benzo(g,h,i)perylene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Benzo(k)fluoranthene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C1-Chrysenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C1-Fluoranthenes/Pyrenes	**6.0**	JHHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
C1-Fluorenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C1-Phenanthrenes/anthracenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C2-Chrysenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C2-Fluoranthenes/Pyrenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C2-Fluorenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C2-naphthalenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C2-Phenanthrenes/anthracenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C3-Chrysenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C3-Fluoranthenes/Pyrenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C3-Fluorenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C3-naphthalenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C3-Phenanthrenes/anthracenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C4-Chrysenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C4-Naphthalenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
C4-Phenanthrenes/anthracenes	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Chrysene	**5.2**	JHHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Dibenz(a,h)anthracene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Fluoranthene	**11**	HHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Fluorene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Indeno(1,2,3-cd)pyrene	**4.8**	JHHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Naphthalene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Perylene	**9.0**	HHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34
Phenanthrene	U	HHH	3.8	6.2	ug/Kg-dry	1	11/15/2010 17:34
Pyrene	**9.0**	HHH	**3.8**	**6.2**	**ug/Kg-dry**	1	11/15/2010 17:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R624-100909-SD-1
Collection Date: 9/9/2010 11:27 AM

Work Order: 1011484
Lab ID: 1011484-02
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*53.4*			*20-97*	*%REC*	1	11/15/2010 17:34
Surr: Anthracene-d10	*58.6*			*22-98*	*%REC*	1	11/15/2010 17:34
Surr: Benzo(a)pyrene-d12	*69.3*			*43-111*	*%REC*	1	11/15/2010 17:34
Surr: Pyrene-d10	*66.1*			*51-120*	*%REC*	1	11/15/2010 17:34
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**46.8**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R625-100909-SD-1
Collection Date: 9/9/2010 10:22 AM

Work Order: 1011484
Lab ID: 1011484-03
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
2-Methylnaphthalene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
2-Methylnaphthalene-d10	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Acenaphthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Acenaphthylene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Anthracene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Benz(a)anthracene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Benzo(a)pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Benzo(b)fluoranthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Benzo(e)pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Benzo(g,h,i)perylene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Benzo(k)fluoranthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C1-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C1-Fluoranthenes/Pyrenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C1-Fluorenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C1-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C2-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C2-Fluoranthenes/Pyrenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C2-Fluorenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C2-naphthalenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C2-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C3-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C3-Fluoranthenes/Pyrenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C3-Fluorenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C3-naphthalenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C3-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C4-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C4-Naphthalenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
C4-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Chrysene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Dibenz(a,h)anthracene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Fluoranthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Fluorene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Indeno(1,2,3-cd)pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Naphthalene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Perylene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Phenanthrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58
Pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 17:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R625-100909-SD-1
Collection Date: 9/9/2010 10:22 AM

Work Order: 1011484
Lab ID: 1011484-03
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*53.0*			*20-97*	*%REC*	1	11/15/2010 17:58
Surr: Anthracene-d10	*54.4*			*22-98*	*%REC*	1	11/15/2010 17:58
Surr: Benzo(a)pyrene-d12	*69.9*			*43-111*	*%REC*	1	11/15/2010 17:58
Surr: Pyrene-d10	*60.3*			*51-120*	*%REC*	1	11/15/2010 17:58
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**56.7**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-1340-100910-SD-1
Collection Date: 9/10/2010 11:45 AM

Work Order: 1011484
Lab ID: 1011484-04
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
2-Methylnaphthalene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
2-Methylnaphthalene-d10	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Acenaphthene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Acenaphthylene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Anthracene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Benz(a)anthracene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Benzo(a)pyrene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Benzo(b)fluoranthene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Benzo(e)pyrene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Benzo(g,h,i)perylene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Benzo(k)fluoranthene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C1-Chrysenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C1-Fluoranthenes/Pyrenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C1-Fluorenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C1-Phenanthrenes/anthracenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C2-Chrysenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C2-Fluoranthenes/Pyrenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C2-Fluorenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C2-naphthalenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C2-Phenanthrenes/anthracenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C3-Chrysenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C3-Fluoranthenes/Pyrenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C3-Fluorenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C3-naphthalenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C3-Phenanthrenes/anthracenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C4-Chrysenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C4-Naphthalenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
C4-Phenanthrenes/anthracenes	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Chrysene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Dibenz(a,h)anthracene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Fluoranthene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Fluorene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Indeno(1,2,3-cd)pyrene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Naphthalene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Perylene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Phenanthrene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23
Pyrene	U	HHH	2.7	4.4	ug/Kg-dry	1	11/15/2010 18:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-1340-100910-SD-1
Collection Date: 9/10/2010 11:45 AM

Work Order: 1011484
Lab ID: 1011484-04
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*72.7*			*20-97*	*%REC*	1	11/15/2010 18:23
Surr: Anthracene-d10	*72.7*			*22-98*	*%REC*	1	11/15/2010 18:23
Surr: Benzo(a)pyrene-d12	*91.6*			*43-111*	*%REC*	1	11/15/2010 18:23
Surr: Pyrene-d10	*79.3*			*51-120*	*%REC*	1	11/15/2010 18:23
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**24.9**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R679-100910-SD-1
Collection Date: 9/10/2010 10:30 AM

Work Order: 1011484
Lab ID: 1011484-05
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
2-Methylnaphthalene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
2-Methylnaphthalene-d10	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Acenaphthene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Acenaphthylene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Anthracene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Benz(a)anthracene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Benzo(a)pyrene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Benzo(b)fluoranthene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Benzo(e)pyrene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Benzo(g,h,i)perylene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Benzo(k)fluoranthene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C1-Chrysenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C1-Fluoranthenes/Pyrenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C1-Fluorenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C1-Phenanthrenes/anthracenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C2-Chrysenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C2-Fluoranthenes/Pyrenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C2-Fluorenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C2-naphthalenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C2-Phenanthrenes/anthracenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C3-Chrysenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C3-Fluoranthenes/Pyrenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C3-Fluorenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C3-naphthalenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C3-Phenanthrenes/anthracenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C4-Chrysenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C4-Naphthalenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
C4-Phenanthrenes/anthracenes	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Chrysene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Dibenz(a,h)anthracene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Fluoranthene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Fluorene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Indeno(1,2,3-cd)pyrene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Naphthalene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Perylene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Phenanthrene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47
Pyrene	U	HHH	2.5	4.2	ug/Kg-dry	1	11/15/2010 18:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R679-100910-SD-1
Collection Date: 9/10/2010 10:30 AM

Work Order: 1011484
Lab ID: 1011484-05
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*63.8*			*20-97*	*%REC*	1	11/15/2010 18:47
Surr: Anthracene-d10	*67.4*			*22-98*	*%REC*	1	11/15/2010 18:47
Surr: Benzo(a)pyrene-d12	*89.4*			*43-111*	*%REC*	1	11/15/2010 18:47
Surr: Pyrene-d10	*76.1*			*51-120*	*%REC*	1	11/15/2010 18:47
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**20.7**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1309-100910-SD-1
Collection Date: 9/10/2010 12:34 PM

Work Order: 1011484
Lab ID: 1011484-06
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
2-Methylnaphthalene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
2-Methylnaphthalene-d10	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Acenaphthene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Acenaphthylene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Anthracene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Benz(a)anthracene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Benzo(a)pyrene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Benzo(b)fluoranthene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Benzo(e)pyrene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Benzo(g,h,i)perylene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Benzo(k)fluoranthene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C1-Chrysenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C1-Fluoranthenes/Pyrenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C1-Fluorenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C1-Phenanthrenes/anthracenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C2-Chrysenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C2-Fluoranthenes/Pyrenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C2-Fluorenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C2-naphthalenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C2-Phenanthrenes/anthracenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C3-Chrysenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C3-Fluoranthenes/Pyrenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C3-Fluorenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C3-naphthalenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C3-Phenanthrenes/anthracenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C4-Chrysenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C4-Naphthalenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
C4-Phenanthrenes/anthracenes	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Chrysene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Dibenz(a,h)anthracene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Fluoranthene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Fluorene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Indeno(1,2,3-cd)pyrene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Naphthalene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Perylene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Phenanthrene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01
Pyrene	U	HHH	2.5	4.1	ug/Kg-dry	1	11/15/2010 20:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1309-100910-SD-1
Collection Date: 9/10/2010 12:34 PM

Work Order: 1011484
Lab ID: 1011484-06
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*56.1*			*20-97*	*%REC*	1	11/15/2010 20:01
Surr: Anthracene-d10	*62.1*			*22-98*	*%REC*	1	11/15/2010 20:01
Surr: Benzo(a)pyrene-d12	*80.1*			*43-111*	*%REC*	1	11/15/2010 20:01
Surr: Pyrene-d10	*70.6*			*51-120*	*%REC*	1	11/15/2010 20:01
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**20.0**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R621-100910-SD-1
Collection Date: 9/10/2010 11:13 AM

Work Order: 1011484
Lab ID: 1011484-07
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
2-Methylnaphthalene	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
2-Methylnaphthalene-d10	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
Acenaphthene	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
Acenaphthylene	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
Anthracene	**6.2**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Benz(a)anthracene	**18**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Benzo(a)pyrene	**16**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Benzo(b)fluoranthene	**24**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Benzo(e)pyrene	**11**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Benzo(g,h,i)perylene	**12**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Benzo(k)fluoranthene	**7.5**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
C1-Chrysenes	**4.0**	JHHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
C1-Fluoranthenes/Pyrenes	**12**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
C1-Fluorenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C1-Phenanthrenes/anthracenes	**4.2**	JHHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
C2-Chrysenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C2-Fluoranthenes/Pyrenes	**7.4**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
C2-Fluorenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C2-naphthalenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C2-Phenanthrenes/anthracenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C3-Chrysenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C3-Fluoranthenes/Pyrenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C3-Fluorenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C3-naphthalenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C3-Phenanthrenes/anthracenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C4-Chrysenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C4-Naphthalenes	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
C4-Phenanthrenes/anthracenes	**3.8**	JHHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Chrysene	**17**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Dibenz(a,h)anthracene	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
Fluoranthene	**42**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Fluorene	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
Indeno(1,2,3-cd)pyrene	**16**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Naphthalene	U	HHH	3.4	5.6	ug/Kg-dry	1	11/15/2010 20:26
Perylene	**7.0**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Phenanthrene	**18**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26
Pyrene	**34**	HHH	**3.4**	**5.6**	**ug/Kg-dry**	1	11/15/2010 20:26

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R621-100910-SD-1
Collection Date: 9/10/2010 11:13 AM

Work Order: 1011484
Lab ID: 1011484-07
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*54.3*			*20-97*	*%REC*	1	11/15/2010 20:26
Surr: Anthracene-d10	*55.0*			*22-98*	*%REC*	1	11/15/2010 20:26
Surr: Benzo(a)pyrene-d12	*69.9*			*43-111*	*%REC*	1	11/15/2010 20:26
Surr: Pyrene-d10	*65.6*			*51-120*	*%REC*	1	11/15/2010 20:26
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**41.1**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R622-100910-SD-1
Collection Date: 9/10/2010 09:42 AM

Work Order: 1011484
Lab ID: 1011484-08
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
2-Methylnaphthalene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
2-Methylnaphthalene-d10	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Acenaphthene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Acenaphthylene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Anthracene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Benz(a)anthracene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Benzo(a)pyrene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Benzo(b)fluoranthene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Benzo(e)pyrene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Benzo(g,h,i)perylene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Benzo(k)fluoranthene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C1-Chrysenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C1-Fluoranthenes/Pyrenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C1-Fluorenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C1-Phenanthrenes/anthracenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C2-Chrysenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C2-Fluoranthenes/Pyrenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C2-Fluorenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C2-naphthalenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C2-Phenanthrenes/anthracenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C3-Chrysenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C3-Fluoranthenes/Pyrenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C3-Fluorenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C3-naphthalenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C3-Phenanthrenes/anthracenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C4-Chrysenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C4-Naphthalenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
C4-Phenanthrenes/anthracenes	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Chrysene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Dibenz(a,h)anthracene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Fluoranthene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Fluorene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Indeno(1,2,3-cd)pyrene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Naphthalene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Perylene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Phenanthrene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50
Pyrene	U	HHH	3.9	6.4	ug/Kg-dry	1	11/15/2010 20:50

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R622-100910-SD-1
Collection Date: 9/10/2010 09:42 AM

Work Order: 1011484
Lab ID: 1011484-08
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*60.7*			*20-97*	*%REC*	1	11/15/2010 20:50
Surr: Anthracene-d10	*59.6*			*22-98*	*%REC*	1	11/15/2010 20:50
Surr: Benzo(a)pyrene-d12	*75.4*			*43-111*	*%REC*	1	11/15/2010 20:50
Surr: Pyrene-d10	*64.9*			*51-120*	*%REC*	1	11/15/2010 20:50
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**48.4**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R622-100910-SD-2
Collection Date: 9/10/2010 09:42 AM

Work Order: 1011484
Lab ID: 1011484-09
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
2-Methylnaphthalene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
2-Methylnaphthalene-d10	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Acenaphthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Acenaphthylene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Anthracene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Benz(a)anthracene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Benzo(a)pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Benzo(b)fluoranthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Benzo(e)pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Benzo(g,h,i)perylene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Benzo(k)fluoranthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C1-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C1-Fluoranthenes/Pyrenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C1-Fluorenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C1-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C2-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C2-Fluoranthenes/Pyrenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C2-Fluorenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C2-naphthalenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C2-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C3-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C3-Fluoranthenes/Pyrenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C3-Fluorenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C3-naphthalenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C3-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C4-Chrysenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C4-Naphthalenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
C4-Phenanthrenes/anthracenes	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Chrysene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Dibenz(a,h)anthracene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Fluoranthene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Fluorene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Indeno(1,2,3-cd)pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Naphthalene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Perylene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Phenanthrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15
Pyrene	U	HHH	4.6	7.6	ug/Kg-dry	1	11/15/2010 21:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R622-100910-SD-2
Collection Date: 9/10/2010 09:42 AM

Work Order: 1011484
Lab ID: 1011484-09
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*50.4*			*20-97*	*%REC*	1	11/15/2010 21:15
Surr: Anthracene-d10	*54.5*			*22-98*	*%REC*	1	11/15/2010 21:15
Surr: Benzo(a)pyrene-d12	*76.7*			*43-111*	*%REC*	1	11/15/2010 21:15
Surr: Pyrene-d10	*65.0*			*51-120*	*%REC*	1	11/15/2010 21:15
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**56.7**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-1345-100911-SD-1
Collection Date: 9/11/2010 11:00 AM

Work Order: 1011484
Lab ID: 1011484-10
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
2-Methylnaphthalene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
2-Methylnaphthalene-d10	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Acenaphthene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Acenaphthylene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Anthracene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Benz(a)anthracene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Benzo(a)pyrene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Benzo(b)fluoranthene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Benzo(e)pyrene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Benzo(g,h,i)perylene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Benzo(k)fluoranthene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C1-Chrysenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C1-Fluoranthenes/Pyrenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C1-Fluorenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C1-Phenanthrenes/anthracenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C2-Chrysenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C2-Fluoranthenes/Pyrenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C2-Fluorenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C2-naphthalenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C2-Phenanthrenes/anthracenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C3-Chrysenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C3-Fluoranthenes/Pyrenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C3-Fluorenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C3-naphthalenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C3-Phenanthrenes/anthracenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C4-Chrysenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C4-Naphthalenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
C4-Phenanthrenes/anthracenes	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Chrysene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Dibenz(a,h)anthracene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Fluoranthene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Fluorene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Indeno(1,2,3-cd)pyrene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Naphthalene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Perylene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Phenanthrene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39
Pyrene	U	HHH	2.6	4.4	ug/Kg-dry	1	11/15/2010 21:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-1345-100911-SD-1
Collection Date: 9/11/2010 11:00 AM

Work Order: 1011484
Lab ID: 1011484-10
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*71.9*			*20-97*	*%REC*	1	11/15/2010 21:39
Surr: Anthracene-d10	*70.3*			*22-98*	*%REC*	1	11/15/2010 21:39
Surr: Benzo(a)pyrene-d12	*87.3*			*43-111*	*%REC*	1	11/15/2010 21:39
Surr: Pyrene-d10	*77.7*			*51-120*	*%REC*	1	11/15/2010 21:39
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**24.4**	n	**0.010**	**0.0100**	**wt%**	1	11/15/2010 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R667-100911-SD-1
Collection Date: 9/11/2010 12:20 PM

Work Order: 1011484
Lab ID: 1011484-11
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
2-Methylnaphthalene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
2-Methylnaphthalene-d10	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Acenaphthene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Acenaphthylene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Anthracene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Benz(a)anthracene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Benzo(a)pyrene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Benzo(b)fluoranthene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Benzo(e)pyrene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Benzo(g,h,i)perylene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Benzo(k)fluoranthene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C1-Chrysenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C1-Fluoranthenes/Pyrenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C1-Fluorenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C1-Phenanthrenes/anthracenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C2-Chrysenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C2-Fluoranthenes/Pyrenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C2-Fluorenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C2-naphthalenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C2-Phenanthrenes/anthracenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C3-Chrysenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C3-Fluoranthenes/Pyrenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C3-Fluorenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C3-naphthalenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C3-Phenanthrenes/anthracenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C4-Chrysenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C4-Naphthalenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
C4-Phenanthrenes/anthracenes	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Chrysene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Dibenz(a,h)anthracene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Fluoranthene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Fluorene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Indeno(1,2,3-cd)pyrene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Naphthalene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Perylene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Phenanthrene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04
Pyrene	U	HHH	2.8	4.6	ug/Kg-dry	1	11/15/2010 22:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R667-100911-SD-1
Collection Date: 9/11/2010 12:20 PM

Work Order: 1011484
Lab ID: 1011484-11
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*69.3*			*20-97*	*%REC*	1	11/15/2010 22:04
Surr: Anthracene-d10	*70.8*			*22-98*	*%REC*	1	11/15/2010 22:04
Surr: Benzo(a)pyrene-d12	*87.9*			*43-111*	*%REC*	1	11/15/2010 22:04
Surr: Pyrene-d10	*76.8*			*51-120*	*%REC*	1	11/15/2010 22:04
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**27.7**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R671-100911-SD-1
Collection Date: 9/11/2010 09:45 AM

Work Order: 1011484
Lab ID: 1011484-12
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
2-Methylnaphthalene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
2-Methylnaphthalene-d10	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Acenaphthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Acenaphthylene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Anthracene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Benz(a)anthracene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Benzo(a)pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Benzo(b)fluoranthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Benzo(e)pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Benzo(g,h,i)perylene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Benzo(k)fluoranthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C1-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C1-Fluoranthenes/Pyrenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C1-Fluorenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C1-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C2-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C2-Fluoranthenes/Pyrenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C2-Fluorenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C2-naphthalenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C2-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C3-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C3-Fluoranthenes/Pyrenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C3-Fluorenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C3-naphthalenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C3-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C4-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C4-Naphthalenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
C4-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Chrysene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Dibenz(a,h)anthracene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Fluoranthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Fluorene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Indeno(1,2,3-cd)pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Naphthalene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Perylene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Phenanthrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09
Pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R671-100911-SD-1
Collection Date: 9/11/2010 09:45 AM

Work Order: 1011484
Lab ID: 1011484-12
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*70.1*			*20-97*	*%REC*	1	11/16/2010 14:09
Surr: Anthracene-d10	*73.4*			*22-98*	*%REC*	1	11/16/2010 14:09
Surr: Benzo(a)pyrene-d12	*86.0*			*43-111*	*%REC*	1	11/16/2010 14:09
Surr: Pyrene-d10	*81.7*			*51-120*	*%REC*	1	11/16/2010 14:09
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**22.4**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1311-100911-SD-1
Collection Date: 9/11/2010 09:56 AM

Work Order: 1011484
Lab ID: 1011484-13
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/16/10		Analyst: **HV**
1-Methylnaphthalene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
2-Methylnaphthalene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
2-Methylnaphthalene-d10	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Acenaphthene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Acenaphthylene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Anthracene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Benz(a)anthracene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Benzo(a)pyrene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Benzo(b)fluoranthene	**6.0**	JH	**4.6**	**7.6**	**ug/Kg-dry**	1	11/16/2010 17:06
Benzo(e)pyrene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Benzo(g,h,i)perylene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Benzo(k)fluoranthene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C1-Chrysenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C1-Fluoranthenes/Pyrenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C1-Fluorenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C1-Phenanthrenes/anthracenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C2-Chrysenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C2-Fluoranthenes/Pyrenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C2-Fluorenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C2-naphthalenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C2-Phenanthrenes/anthracenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C3-Chrysenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C3-Fluoranthenes/Pyrenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C3-Fluorenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C3-naphthalenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C3-Phenanthrenes/anthracenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C4-Chrysenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C4-Naphthalenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
C4-Phenanthrenes/anthracenes	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Chrysene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Dibenz(a,h)anthracene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Fluoranthene	**6.2**	JH	**4.6**	**7.6**	**ug/Kg-dry**	1	11/16/2010 17:06
Fluorene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Indeno(1,2,3-cd)pyrene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Naphthalene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Perylene	**7.5**	JH	**4.6**	**7.6**	**ug/Kg-dry**	1	11/16/2010 17:06
Phenanthrene	U	H	4.6	7.6	ug/Kg-dry	1	11/16/2010 17:06
Pyrene	**5.0**	JH	**4.6**	**7.6**	**ug/Kg-dry**	1	11/16/2010 17:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1311-100911-SD-1
Collection Date: 9/11/2010 09:56 AM

Work Order: 1011484
Lab ID: 1011484-13
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*53.8*			*20-97*	*%REC*	1	11/16/2010 17:06
Surr: Anthracene-d10	*64.7*			*22-98*	*%REC*	1	11/16/2010 17:06
Surr: Benzo(a)pyrene-d12	*86.0*			*43-111*	*%REC*	1	11/16/2010 17:06
Surr: Pyrene-d10	*78.9*			*51-120*	*%REC*	1	11/16/2010 17:06
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**56.4**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1312-100911-SD-1
Collection Date: 9/11/2010 12:06 PM

Work Order: 1011484
Lab ID: 1011484-14
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
2-Methylnaphthalene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
2-Methylnaphthalene-d10	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Acenaphthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Acenaphthylene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Anthracene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Benz(a)anthracene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Benzo(a)pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Benzo(b)fluoranthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Benzo(e)pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Benzo(g,h,i)perylene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Benzo(k)fluoranthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C1-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C1-Fluoranthenes/Pyrenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C1-Fluorenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C1-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C2-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C2-Fluoranthenes/Pyrenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C2-Fluorenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C2-naphthalenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C2-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C3-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C3-Fluoranthenes/Pyrenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C3-Fluorenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C3-naphthalenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C3-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C4-Chrysenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C4-Naphthalenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
C4-Phenanthrenes/anthracenes	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Chrysene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Dibenz(a,h)anthracene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Fluoranthene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Fluorene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Indeno(1,2,3-cd)pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Naphthalene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Perylene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Phenanthrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58
Pyrene	U	HHH	2.6	4.3	ug/Kg-dry	1	11/16/2010 14:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-1312-100911-SD-1
Collection Date: 9/11/2010 12:06 PM

Work Order: 1011484
Lab ID: 1011484-14
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*58.2*			*20-97*	*%REC*	1	11/16/2010 14:58
Surr: Anthracene-d10	*65.4*			*22-98*	*%REC*	1	11/16/2010 14:58
Surr: Benzo(a)pyrene-d12	*83.1*			*43-111*	*%REC*	1	11/16/2010 14:58
Surr: Pyrene-d10	*77.4*			*51-120*	*%REC*	1	11/16/2010 14:58
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**23.4**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R615-100911-SD-1
Collection Date: 9/11/2010 10:47 AM

Work Order: 1011484
Lab ID: 1011484-15
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
2-Methylnaphthalene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
2-Methylnaphthalene-d10	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Acenaphthene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Acenaphthylene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Anthracene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Benz(a)anthracene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Benzo(a)pyrene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Benzo(b)fluoranthene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Benzo(e)pyrene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Benzo(g,h,i)perylene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Benzo(k)fluoranthene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C1-Chrysenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C1-Fluoranthenes/Pyrenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C1-Fluorenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C1-Phenanthrenes/anthracenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C2-Chrysenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C2-Fluoranthenes/Pyrenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C2-Fluorenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C2-naphthalenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C2-Phenanthrenes/anthracenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C3-Chrysenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C3-Fluoranthenes/Pyrenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C3-Fluorenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C3-naphthalenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C3-Phenanthrenes/anthracenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C4-Chrysenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C4-Naphthalenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
C4-Phenanthrenes/anthracenes	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Chrysene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Dibenz(a,h)anthracene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Fluoranthene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Fluorene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Indeno(1,2,3-cd)pyrene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Naphthalene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Perylene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Phenanthrene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22
Pyrene	U	HHH	4.8	7.9	ug/Kg-dry	1	11/16/2010 15:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R615-100911-SD-1
Collection Date: 9/11/2010 10:47 AM

Work Order: 1011484
Lab ID: 1011484-15
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*57.2*			*20-97*	*%REC*	1	11/16/2010 15:22
Surr: Anthracene-d10	*61.4*			*22-98*	*%REC*	1	11/16/2010 15:22
Surr: Benzo(a)pyrene-d12	*73.8*			*43-111*	*%REC*	1	11/16/2010 15:22
Surr: Pyrene-d10	*68.9*			*51-120*	*%REC*	1	11/16/2010 15:22
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**58.3**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R618-100911-SD-1
Collection Date: 9/11/2010 09:07 AM

Work Order: 1011484
Lab ID: 1011484-16
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
2-Methylnaphthalene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
2-Methylnaphthalene-d10	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Acenaphthene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Acenaphthylene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Anthracene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Benz(a)anthracene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Benzo(a)pyrene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Benzo(b)fluoranthene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Benzo(e)pyrene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Benzo(g,h,i)perylene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Benzo(k)fluoranthene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C1-Chrysenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C1-Fluoranthenes/Pyrenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C1-Fluorenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C1-Phenanthrenes/anthracenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C2-Chrysenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C2-Fluoranthenes/Pyrenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C2-Fluorenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C2-naphthalenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C2-Phenanthrenes/anthracenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C3-Chrysenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C3-Fluoranthenes/Pyrenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C3-Fluorenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C3-naphthalenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C3-Phenanthrenes/anthracenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C4-Chrysenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C4-Naphthalenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
C4-Phenanthrenes/anthracenes	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Chrysene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Dibenz(a,h)anthracene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Fluoranthene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Fluorene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Indeno(1,2,3-cd)pyrene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Naphthalene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Perylene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17
Phenanthrene	**3.6**	JH	**3.5**	**5.8**	**ug/Kg-dry**	1	11/16/2010 11:17
Pyrene	U	H	3.5	5.8	ug/Kg-dry	1	11/16/2010 11:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R618-100911-SD-1
Collection Date: 9/11/2010 09:07 AM

Work Order: 1011484
Lab ID: 1011484-16
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*59.3*			*20-97*	*%REC*	1	11/16/2010 11:17
Surr: Anthracene-d10	*59.7*			*22-98*	*%REC*	1	11/16/2010 11:17
Surr: Benzo(a)pyrene-d12	*70.0*			*43-111*	*%REC*	1	11/16/2010 11:17
Surr: Pyrene-d10	*71.1*			*51-120*	*%REC*	1	11/16/2010 11:17
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**42.8**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R681-100916-SD-1
Collection Date: 9/16/2010 03:45 PM

Work Order: 1011484
Lab ID: 1011484-17
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
2-Methylnaphthalene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
2-Methylnaphthalene-d10	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Acenaphthene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Acenaphthylene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Anthracene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Benz(a)anthracene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Benzo(a)pyrene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Benzo(b)fluoranthene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Benzo(e)pyrene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Benzo(g,h,i)perylene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Benzo(k)fluoranthene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C1-Chrysenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C1-Fluoranthenes/Pyrenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C1-Fluorenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C1-Phenanthrenes/anthracenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C2-Chrysenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C2-Fluoranthenes/Pyrenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C2-Fluorenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C2-naphthalenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C2-Phenanthrenes/anthracenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C3-Chrysenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C3-Fluoranthenes/Pyrenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C3-Fluorenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C3-naphthalenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C3-Phenanthrenes/anthracenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C4-Chrysenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C4-Naphthalenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
C4-Phenanthrenes/anthracenes	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Chrysene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Dibenz(a,h)anthracene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Fluoranthene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Fluorene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Indeno(1,2,3-cd)pyrene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Naphthalene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Perylene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Phenanthrene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41
Pyrene	U	H	2.6	4.3	ug/Kg-dry	1	11/16/2010 11:41

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R681-100916-SD-1
Collection Date: 9/16/2010 03:45 PM

Work Order: 1011484
Lab ID: 1011484-17
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*69.3*			*20-97*	*%REC*	1	11/16/2010 11:41
Surr: Anthracene-d10	*71.3*			*22-98*	*%REC*	1	11/16/2010 11:41
Surr: Benzo(a)pyrene-d12	*81.6*			*43-111*	*%REC*	1	11/16/2010 11:41
Surr: Pyrene-d10	*79.4*			*51-120*	*%REC*	1	11/16/2010 11:41
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**23.1**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R682-100916-SD-1
Collection Date: 9/16/2010 10:30 AM

Work Order: 1011484
Lab ID: 1011484-18
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
2-Methylnaphthalene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
2-Methylnaphthalene-d10	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Acenaphthene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Acenaphthylene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Anthracene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Benz(a)anthracene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Benzo(a)pyrene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Benzo(b)fluoranthene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Benzo(e)pyrene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Benzo(g,h,i)perylene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Benzo(k)fluoranthene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C1-Chrysenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C1-Fluoranthenes/Pyrenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C1-Fluorenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C1-Phenanthrenes/anthracenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C2-Chrysenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C2-Fluoranthenes/Pyrenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C2-Fluorenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C2-naphthalenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C2-Phenanthrenes/anthracenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C3-Chrysenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C3-Fluoranthenes/Pyrenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C3-Fluorenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C3-naphthalenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C3-Phenanthrenes/anthracenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C4-Chrysenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C4-Naphthalenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
C4-Phenanthrenes/anthracenes	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Chrysene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Dibenz(a,h)anthracene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Fluoranthene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Fluorene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Indeno(1,2,3-cd)pyrene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Naphthalene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Perylene	**49**	H	**3.0**	**4.9**	**ug/Kg-dry**	1	11/16/2010 12:06
Phenanthrene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06
Pyrene	U	H	3.0	4.9	ug/Kg-dry	1	11/16/2010 12:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R682-100916-SD-1
Collection Date: 9/16/2010 10:30 AM

Work Order: 1011484
Lab ID: 1011484-18
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*49.4*			*20-97*	*%REC*	1	11/16/2010 12:06
Surr: Anthracene-d10	*53.6*			*22-98*	*%REC*	1	11/16/2010 12:06
Surr: Benzo(a)pyrene-d12	*67.3*			*43-111*	*%REC*	1	11/16/2010 12:06
Surr: Pyrene-d10	*64.9*			*51-120*	*%REC*	1	11/16/2010 12:06
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**33.0**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R683-100916-SD-1
Collection Date: 9/16/2010 12:50 PM

Work Order: 1011484
Lab ID: 1011484-19
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
2-Methylnaphthalene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
2-Methylnaphthalene-d10	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Acenaphthene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Acenaphthylene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Anthracene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Benz(a)anthracene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Benzo(a)pyrene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Benzo(b)fluoranthene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Benzo(e)pyrene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Benzo(g,h,i)perylene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Benzo(k)fluoranthene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C1-Chrysenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C1-Fluoranthenes/Pyrenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C1-Fluorenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C1-Phenanthrenes/anthracenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C2-Chrysenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C2-Fluoranthenes/Pyrenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C2-Fluorenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C2-naphthalenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C2-Phenanthrenes/anthracenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C3-Chrysenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C3-Fluoranthenes/Pyrenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C3-Fluorenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C3-naphthalenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C3-Phenanthrenes/anthracenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C4-Chrysenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C4-Naphthalenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
C4-Phenanthrenes/anthracenes	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Chrysene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Dibenz(a,h)anthracene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Fluoranthene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Fluorene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Indeno(1,2,3-cd)pyrene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Naphthalene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Perylene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Phenanthrene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30
Pyrene	U	H	2.4	4.0	ug/Kg-dry	1	11/16/2010 12:30

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T001-R683-100916-SD-1
Collection Date: 9/16/2010 12:50 PM

Work Order: 1011484
Lab ID: 1011484-19
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*57.5*			*20-97*	*%REC*	1	11/16/2010 12:30
Surr: Anthracene-d10	*64.6*			*22-98*	*%REC*	1	11/16/2010 12:30
Surr: Benzo(a)pyrene-d12	*77.8*			*43-111*	*%REC*	1	11/16/2010 12:30
Surr: Pyrene-d10	*74.5*			*51-120*	*%REC*	1	11/16/2010 12:30
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**18.1**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R687-100916-SD-1
Collection Date: 9/16/2010 09:54 AM

Work Order: 1011484
Lab ID: 1011484-20
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PARENT/ALKYL PAHS		Method: **SW8270SIM**			Prep: SW3541 / 11/12/10		Analyst: **HV**
1-Methylnaphthalene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
2-Methylnaphthalene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
2-Methylnaphthalene-d10	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Acenaphthene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Acenaphthylene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Anthracene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Benz(a)anthracene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Benzo(a)pyrene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Benzo(b)fluoranthene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Benzo(e)pyrene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Benzo(g,h,i)perylene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Benzo(k)fluoranthene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C1-Chrysenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C1-Fluoranthenes/Pyrenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C1-Fluorenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C1-Phenanthrenes/anthracenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C2-Chrysenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C2-Fluoranthenes/Pyrenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C2-Fluorenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C2-naphthalenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C2-Phenanthrenes/anthracenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C3-Chrysenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C3-Fluoranthenes/Pyrenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C3-Fluorenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C3-naphthalenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C3-Phenanthrenes/anthracenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C4-Chrysenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C4-Naphthalenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
C4-Phenanthrenes/anthracenes	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Chrysene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Dibenz(a,h)anthracene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Fluoranthene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Fluorene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Indeno(1,2,3-cd)pyrene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Naphthalene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Perylene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Phenanthrene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44
Pyrene	U	H	2.5	4.2	ug/Kg-dry	1	11/16/2010 13:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: *17-Nov-10*

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
Sample ID: T008-R687-100916-SD-1
Collection Date: 9/16/2010 09:54 AM

Work Order: 1011484
Lab ID: 1011484-20
Matrix: SEDIMENT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Acenaphthylene-d8	*64.7*			*20-97*	*%REC*	1	11/16/2010 13:44
Surr: Anthracene-d10	*68.9*			*22-98*	*%REC*	1	11/16/2010 13:44
Surr: Benzo(a)pyrene-d12	*79.7*			*43-111*	*%REC*	1	11/16/2010 13:44
Surr: Pyrene-d10	*74.7*			*51-120*	*%REC*	1	11/16/2010 13:44
MOISTURE		Method:	**E160.3**				Analyst: **JLC**
Percent Moisture	**21.6**	n	**0.010**	**0.0100**	**wt%**	1	11/16/2010 07:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 17-Nov-10

Client: Weston Solutions, Inc.

Work Order: 1011484

Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **47876** Instrument ID **SV-7** Method: **SW8270SIM**

MBLK Sample ID: **ABLKS1-101112-47876** Units: **ug/Kg** Analysis Date: **11/15/2010 04:44 PM**

Client ID: Run ID: **SV-7_101115A** SeqNo: **2174762** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	U	3.3								
2-Methylnaphthalene	U	3.3								
2-Methylnaphthalene-d10	U	3.3								
Acenaphthene	U	3.3								
Acenaphthylene	U	3.3								
Anthracene	U	3.3								
Benz(a)anthracene	U	3.3								
Benzo(a)pyrene	U	3.3								
Benzo(b)fluoranthene	U	3.3								
Benzo(e)pyrene	U	3.3								
Benzo(g,h,i)perylene	U	3.3								
Benzo(k)fluoranthene	U	3.3								
C1-Chrysenes	U	3.3								
C1-Fluoranthenes/Pyrenes	U	3.3								
C1-Fluorenes	U	3.3								
C1-Phenanthrenes/anthracenes	U	3.3								
C2-Chrysenes	U	3.3								
C2-Fluoranthenes/Pyrenes	U	3.3								
C2-Fluorenes	U	3.3								
C2-naphthalenes	U	3.3								
C2-Phenanthrenes/anthracenes	U	3.3								
C3-Chrysenes	U	3.3								
C3-Fluoranthenes/Pyrenes	U	3.3								
C3-Fluorenes	U	3.3								
C3-naphthalenes	U	3.3								
C3-Phenanthrenes/anthracenes	U	3.3								
C4-Chrysenes	U	3.3								
C4-Naphthalenes	U	3.3								
C4-Phenanthrenes/anthracenes	U	3.3								
Chrysene	U	3.3								
Dibenz(a,h)anthracene	U	3.3								
Fluoranthene	U	3.3								
Fluorene	U	3.3								
Indeno(1,2,3-cd)pyrene	U	3.3								
Naphthalene	U	3.3								
Perylene	U	3.3								
Phenanthrene	U	3.3								
Pyrene	U	3.3								
Surr: Acenaphthylene-d8	*9.387*	3.3	*13.33*	0	*70.4*	*20-97*		0		
Surr: Anthracene-d10	*9.108*	3.3	*13.33*	0	*68.3*	*22-98*		0		
Surr: Benzo(a)pyrene-d12	*10.05*	3.3	*13.33*	0	*75.4*	*43-111*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc.
Work Order: 1011484
Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **47876** Instrument ID **SV-7** Method: **SW8270SIM**

Surr: Pyrene-d10	*9.911*	3.3	*13.33*	0	*74.3*	*51-120*	0

LCS Sample ID: **ALCSS1-101112-47876** Units: **ug/Kg** Analysis Date: **11/15/2010 04:20 PM**

Client ID: Run ID: **SV-7_101115A** SeqNo: **2174761** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	8.628	3.3	13.33	0	64.7	50-150	0			
Surr: Acenaphthylene-d8	*9.356*	3.3	*13.33*	0	*70.2*	*20-97*	0			
Surr: Anthracene-d10	*9.841*	3.3	*13.33*	0	*73.8*	*22-98*	0			
Surr: Benzo(a)pyrene-d12	*10.97*	3.3	*13.33*	0	*82.3*	*43-111*	0			
Surr: Pyrene-d10	*10.41*	3.3	*13.33*	0	*78*	*51-120*	0			

MS Sample ID: **1011484-05AMS** Units: **ug/Kg** Analysis Date: **11/15/2010 07:12 PM**

Client ID: **T001-R679-100910-SD-1** Run ID: **SV-7_101115A** SeqNo: **2174770** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	8.214	3.3	13.32	0	61.7	50-150	0			HHH
Surr: Acenaphthylene-d8	*9.134*	3.3	*13.32*	0	*68.6*	*20-97*	0			
Surr: Anthracene-d10	*9.406*	3.3	*13.32*	0	*70.6*	*22-98*	0			
Surr: Benzo(a)pyrene-d12	*11.58*	3.3	*13.32*	0	*87*	*43-111*	0			
Surr: Pyrene-d10	*10.23*	3.3	*13.32*	0	*76.8*	*51-120*	0			

MSD Sample ID: **1011484-05AMSD** Units: **ug/Kg** Analysis Date: **11/15/2010 07:37 PM**

Client ID: **T001-R679-100910-SD-1** Run ID: **SV-7_101115A** SeqNo: **2174772** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	8.629	3.3	13.33	0	64.7	50-150	8.214	4.93	50	HHH
Surr: Acenaphthylene-d8	*9.483*	3.3	*13.33*	0	*71.1*	*20-97*	9.134	*3.75*	*50*	
Surr: Anthracene-d10	*9.837*	3.3	*13.33*	0	*73.8*	*22-98*	9.406	*4.48*	*50*	
Surr: Benzo(a)pyrene-d12	*11.99*	3.3	*13.33*	0	*89.9*	*43-111*	11.58	*3.43*	*50*	
Surr: Pyrene-d10	*10.55*	3.3	*13.33*	0	*79.1*	*51-120*	10.23	*3.1*	*50*	

The following samples were analyzed in this batch:

1011484-01A	1011484-02A	1011484-03A
1011484-04A	1011484-05A	1011484-06A
1011484-07A	1011484-08A	1011484-09A
1011484-10A	1011484-11A	1011484-12A
1011484-14A	1011484-15A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc.
Work Order: 1011484
Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **47877** Instrument ID **SV-7** Method: **SW8270SIM**

MBLK Sample ID: **ABLKS2-101112-47877** Units: **ug/Kg** Analysis Date: **11/16/2010 10:52 AM**

Client ID: Run ID: **SV-7_101115B** SeqNo: **2175202** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	U	3.3								
2-Methylnaphthalene	U	3.3								
2-Methylnaphthalene-d10	U	3.3								
Acenaphthene	U	3.3								
Acenaphthylene	U	3.3								
Anthracene	U	3.3								
Benz(a)anthracene	U	3.3								
Benzo(a)pyrene	U	3.3								
Benzo(b)fluoranthene	U	3.3								
Benzo(e)pyrene	U	3.3								
Benzo(g,h,i)perylene	U	3.3								
Benzo(k)fluoranthene	U	3.3								
C1-Chrysenes	U	3.3								
C1-Fluoranthenes/Pyrenes	U	3.3								
C1-Fluorenes	U	3.3								
C1-Phenanthrenes/anthracenes	U	3.3								
C2-Chrysenes	U	3.3								
C2-Fluoranthenes/Pyrenes	U	3.3								
C2-Fluorenes	U	3.3								
C2-naphthalenes	U	3.3								
C2-Phenanthrenes/anthracenes	U	3.3								
C3-Chrysenes	U	3.3								
C3-Fluoranthenes/Pyrenes	U	3.3								
C3-Fluorenes	U	3.3								
C3-naphthalenes	U	3.3								
C3-Phenanthrenes/anthracenes	U	3.3								
C4-Chrysenes	U	3.3								
C4-Naphthalenes	U	3.3								
C4-Phenanthrenes/anthracenes	U	3.3								
Chrysene	U	3.3								
Dibenz(a,h)anthracene	U	3.3								
Fluoranthene	U	3.3								
Fluorene	U	3.3								
Indeno(1,2,3-cd)pyrene	U	3.3								
Naphthalene	U	3.3								
Perylene	U	3.3								
Phenanthrene	U	3.3								
Pyrene	U	3.3								
Surr: Acenaphthylene-d8	*8.745*	3.3	*13.33*	0	*65.6*	*20-97*		0		
Surr: Anthracene-d10	*8.476*	3.3	*13.33*	0	*63.6*	*22-98*		0		
Surr: Benzo(a)pyrene-d12	*8.986*	3.3	*13.33*	0	*67.4*	*43-111*		0		
Surr: Pyrene-d10	*9.292*	3.3	*13.33*	0	*69.7*	*51-120*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc.
Work Order: 1011484
Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **47877** Instrument ID **SV-7** Method: **SW8270SIM**

LCS Sample ID: **ALCSS2-101112-47877** Units: **ug/Kg** Analysis Date: **11/16/2010 10:28 AM**
Client ID: Run ID: **SV-7_101115B** SeqNo: **2175201** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	8.049	3.3	13.33	0	60.4	50-150	0			
Surr: Acenaphthylene-d8	*8.993*	3.3	*13.33*	0	*67.4*	*20-97*	0			
Surr: Anthracene-d10	*8.739*	3.3	*13.33*	0	*65.5*	*22-98*	0			
Surr: Benzo(a)pyrene-d12	*9.194*	3.3	*13.33*	0	*69*	*43-111*	0			
Surr: Pyrene-d10	*9.396*	3.3	*13.33*	0	*70.5*	*51-120*	0			

MS Sample ID: **1011484-19AMS** Units: **ug/Kg** Analysis Date: **11/16/2010 12:55 PM**
Client ID: **T001-R683-100916-SD-1** Run ID: **SV-7_101115B** SeqNo: **2175207** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	7.471	3.3	13.33	0	56	50-150	0			H
Surr: Acenaphthylene-d8	*8.62*	3.3	*13.33*	0	*64.7*	*20-97*	0			
Surr: Anthracene-d10	*8.902*	3.3	*13.33*	0	*66.8*	*22-98*	0			
Surr: Benzo(a)pyrene-d12	*10.27*	3.3	*13.33*	0	*77.1*	*43-111*	0			
Surr: Pyrene-d10	*10.05*	3.3	*13.33*	0	*75.4*	*51-120*	0			

MSD Sample ID: **1011484-19AMSD** Units: **ug/Kg** Analysis Date: **11/16/2010 01:19 PM**
Client ID: **T001-R683-100916-SD-1** Run ID: **SV-7_101115B** SeqNo: **2175208** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	7.146	3.3	13.32	0	53.7	50-150	7.471	4.44	50	H
Surr: Acenaphthylene-d8	*8.31*	3.3	*13.32*	0	*62.4*	*20-97*	8.62	*3.66*	*50*	
Surr: Anthracene-d10	*8.641*	3.3	*13.32*	0	*64.9*	*22-98*	8.902	*2.98*	*50*	
Surr: Benzo(a)pyrene-d12	*10.06*	3.3	*13.32*	0	*75.5*	*43-111*	10.27	*2.11*	*50*	
Surr: Pyrene-d10	*9.48*	3.3	*13.32*	0	*71.2*	*51-120*	10.05	*5.83*	*50*	

The following samples were analyzed in this batch:

1011484-16A	1011484-17A	1011484-18A
1011484-19A	1011484-20A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc.
Work Order: 1011484
Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **47934** Instrument ID **SV-7** Method: **SW8270SIM**

MBLK Sample ID: **ABLKS1-101116-47934** Units: **ug/Kg** Analysis Date: **11/16/2010 04:16 PM**

Client ID: Run ID: **SV-7_101116A** SeqNo: **2175363** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	U	3.3								
2-Methylnaphthalene	U	3.3								
2-Methylnaphthalene-d10	U	3.3								
Acenaphthene	U	3.3								
Acenaphthylene	U	3.3								
Anthracene	U	3.3								
Benz(a)anthracene	U	3.3								
Benzo(a)pyrene	U	3.3								
Benzo(b)fluoranthene	U	3.3								
Benzo(e)pyrene	U	3.3								
Benzo(g,h,i)perylene	U	3.3								
Benzo(k)fluoranthene	U	3.3								
C1-Chrysenes	U	3.3								
C1-Fluoranthenes/Pyrenes	U	3.3								
C1-Fluorenes	U	3.3								
C1-Phenanthrenes/anthracenes	U	3.3								
C2-Chrysenes	U	3.3								
C2-Fluoranthenes/Pyrenes	U	3.3								
C2-Fluorenes	U	3.3								
C2-naphthalenes	U	3.3								
C2-Phenanthrenes/anthracenes	U	3.3								
C3-Chrysenes	U	3.3								
C3-Fluoranthenes/Pyrenes	U	3.3								
C3-Fluorenes	U	3.3								
C3-naphthalenes	U	3.3								
C3-Phenanthrenes/anthracenes	U	3.3								
C4-Chrysenes	U	3.3								
C4-Naphthalenes	U	3.3								
C4-Phenanthrenes/anthracenes	U	3.3								
Chrysene	U	3.3								
Dibenz(a,h)anthracene	U	3.3								
Fluoranthene	U	3.3								
Fluorene	U	3.3								
Indeno(1,2,3-cd)pyrene	U	3.3								
Naphthalene	U	3.3								
Perylene	U	3.3								
Phenanthrene	U	3.3								
Pyrene	U	3.3								
Surr: Acenaphthylene-d8	*10.11*	3.3	*13.33*	0	*75.8*	*20-97*		0		
Surr: Anthracene-d10	*10.3*	3.3	*13.33*	0	*77.2*	*22-98*		0		
Surr: Benzo(a)pyrene-d12	*11.61*	3.3	*13.33*	0	*87.1*	*43-111*		0		
Surr: Pyrene-d10	*11.2*	3.3	*13.33*	0	*84*	*51-120*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc.
Work Order: 1011484
Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **47934** Instrument ID **SV-7** Method: **SW8270SIM**

LCS Sample ID: **ALCSS1-101116-47934** Units: **ug/Kg** Analysis Date: **11/16/2010 04:41 PM**

Client ID: Run ID: **SV-7_101116A** SeqNo: **2175364** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	9.403	3.3	13.33	0	70.5	50-150	0			
Surr: Acenaphthylene-d8	*9.699*	3.3	*13.33*	0	*72.7*	*20-97*	0			
Surr: Anthracene-d10	*10.24*	3.3	*13.33*	0	*76.8*	*22-98*	0			
Surr: Benzo(a)pyrene-d12	*11.03*	3.3	*13.33*	0	*82.7*	*43-111*	0			
Surr: Pyrene-d10	*11.22*	3.3	*13.33*	0	*84.1*	*51-120*	0			

MS Sample ID: **1011484-13AMS** Units: **ug/Kg** Analysis Date: **11/16/2010 05:30 PM**

Client ID: **T008-1311-100911-SD-1** Run ID: **SV-7_101116A** SeqNo: **2175366** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	6.301	3.3	13.31	0	47.4	50-150	0			SH
Surr: Acenaphthylene-d8	*7.192*	3.3	*13.31*	0	*54*	*20-97*	0			
Surr: Anthracene-d10	*9.153*	3.3	*13.31*	0	*68.8*	*22-98*	0			
Surr: Benzo(a)pyrene-d12	*12.32*	3.3	*13.31*	0	*92.6*	*43-111*	0			
Surr: Pyrene-d10	*11.56*	3.3	*13.31*	0	*86.8*	*51-120*	0			

MSD Sample ID: **1011484-13AMSD** Units: **ug/Kg** Analysis Date: **11/16/2010 05:55 PM**

Client ID: **T008-1311-100911-SD-1** Run ID: **SV-7_101116A** SeqNo: **2175367** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene-d10	7.449	3.3	13.33	0	55.9	50-150	6.301	16.7	50	H
Surr: Acenaphthylene-d8	*8.325*	3.3	*13.33*	0	*62.4*	*20-97*	7.192	*14.6*	*50*	
Surr: Anthracene-d10	*9.532*	3.3	*13.33*	0	*71.5*	*22-98*	9.153	*4.05*	*50*	
Surr: Benzo(a)pyrene-d12	*11.53*	3.3	*13.33*	0	*86.4*	*43-111*	12.32	*6.65*	*50*	
Surr: Pyrene-d10	*11*	3.3	*13.33*	0	*82.5*	*51-120*	11.56	*4.94*	*50*	

The following samples were analyzed in this batch: 1011484-13A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc.
Work Order: 1011484
Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **R100944** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **1011484-10ADUP** Units: **wt%** Analysis Date: **11/15/2010 03:00 PM**

Client ID: **T001-1345-100911-SD-1** Run ID: **BALANCE1_101115A** SeqNo: **2173332** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	25.3	0.010	0	0	0	0-0	24.44	3.46	20	

The following samples were analyzed in this batch:

1011484-01A	1011484-02A	1011484-03A
1011484-04A	1011484-05A	1011484-06A
1011484-07A	1011484-08A	1011484-09A
1011484-10A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc.
Work Order: 1011484
Project: Gulf Project-Alkyl PAHs

QC BATCH REPORT

Batch ID: **R100954** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **1011463-03ADUP** Units: **wt%** Analysis Date: **11/16/2010 07:00 AM**

Client ID: Run ID: **BALANCE1_101116A** SeqNo: **2173753** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	20.33	0.010	0	0	0	0-0	20.64	1.5	20	

The following samples were analyzed in this batch:

1011484-11A	1011484-12A	1011484-13A
1011484-14A	1011484-15A	1011484-16A
1011484-17A	1011484-18A	1011484-19A
1011484-20A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 17-Nov-10

Client: Weston Solutions, Inc.
Project: Gulf Project-Alkyl PAHs
WorkOrder: **1011484**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
ug/Kg-dry	Micrograms per Kilograms - Dry weight corrected
wt%	

WO.# 1011484

T59565

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-20100909-02

AirbillNo:

Contact: Kristie Warr

Phone: 713.985.6636

Lab: ACCUTEST

Lab Phone: 713-271-4700

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
* 6	T008-1315-100909-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAH	Sediment	Grab	9/9/2010	12:40	1	8 oz glass	4 C	N
↓	T008-1315-100909-SD-1	Grain size	Sediment	Grab	9/9/2010	12:40	1	8 oz glass	4 C	N
* 5	T008-R624-100909-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAH	Sediment	Grab	9/9/2010	11:27	1	8 oz glass	4 C	N
↓	T008-R624-100909-SD-1	Grain size	Sediment	Grab	9/9/2010	11:27	1	8 oz glass	4 C	N
* 4	T008-R625-100909-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAH	Sediment	Grab	9/9/2010	10:22	1	8 oz glass	4 C	N
↓	T008-R625-100909-SD-1	Grain size	Sediment	Grab	9/9/2010	10:22	1	8 oz glass	4 C	N

JW 11/12/10

Special Instructions: 24 Hour Turnaround.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		9/9/10		9/9/10	19:30			11/12/10			1515
		9/9/10		9/9/10							
		9/10/10 0519		9/10/10	0519						
		11/12/10 1515									

W.O# 1011484

T59640

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

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting

Lab: Accutest
Lab_State: TX

No: T0001-100405-20100910-003

Lab Address: 10165 Harwin Drive - Suite 150
Lab_City: Houston
Lab_Zip: 77036

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
4	T001-1340-100910-SD-1	8270,PAH,DRO,Metals, O&G add Alkyl PAH	Sediment	Grab	9/10/2010	11:45	1	8oz glass	4 C	N	
4	T001-1340-100910-SD-1	Grain size	Sediment	Grab	9/10/2010	11:45	1	8oz glass	4 C	N	
5	T001-R679-100910-SD-1	8270,PAH,DRO,Metals, O&G add Alkyl PAH	Sediment	Grab	9/10/2010	10:30	1	8oz glass	4 C	N	
5	T001-R679-100910-SD-1	Grain size	Sediment	Grab	9/10/2010	10:30	1	8oz glass	4 C	N	

JW * 11/12/10

Special Instructions: 24 Hour Turnaround.

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]	9/10/10	Willie H	9-10-10	1800		Willie H.	9-10-10	[illegible]	9-10-10	2246
	[illegible]	9-11-10	[illegible]	9-11-10	0800						
	[illegible]	11/12/10 1515	[illegible]								

WO#1011484C

T59641

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-20100910-003

AirbillNo:

Lab:

Lab Phone:

Contact: Kristie Warr

Phone: 713.985.6636

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
* (5) 4 15 9/11/10	T008-1309-100910-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAH	Sediment	Grab	9/10/2010	12:34	1	8 oz glass	4 C	N
"	T008-1309-100910-SD-1	Grain size	Sediment	Grab	9/10/2010	12:34	1	8 oz glass	4 C	N
* (6) 5 15 9/11/10	T008-R621-100910-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAH	Sediment	Grab	9/10/2010	11:13	1	8 oz glass	4 C	N
"	T008-R621-100910-SD-1	Grain size	Sediment	Grab	9/10/2010	11:13	1	8 oz glass	4 C	N
* (7) 6 15 9/11/10	T008-R622-100910-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAH	Sediment	Grab	9/10/2010	09:42	1	8 oz glass	4 C	N
"	T008-R622-100910-SD-1	Grain size	Sediment	Grab	9/10/2010	09:42	1	8 oz glass	4 C	N
* (8) 7 15 9/11/10	T008-R622-100910-SD-2	8270,PAH,DRO,metals, O&G add Alkyl PAH	Sediment	Grab	9/10/2010	09:42	1	8 oz glass	4 C	N
	T008-R622-100910-SD-2	Grain size	Sediment	Grab	9/10/2010	09:42	1	8 oz glass	4 C	N

AW 11/12/10

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
	[illegible]	9-10-10	[illegible]	9/10/10	17:30						
	[illegible]	9-10-10	[illegible]	9-10-10	22:46						
	[illegible]	9-11-10	[illegible]	9-11-10	0500						
	[illegible]	11/12/10 1515	[illegible]								

W/OTH 1014861

T59658

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

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting

Lab: Accutest
Lab_State: TX

No: T0001-100405-20100911-003
Lab Address: 10165 Harwin Drive - Suite 150
Lab_City: Houston
Lab_Zip: 77036

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
* 1	T001-1345-100911-SD-1	8270,PAH,DRO,Metals, O&G add Alkyl PAH	Sediment	Grab	9/11/2010	11:00	1	8oz glass	4 C	N	
1	T001-1345-100911-SD-1	Grain size	Sediment	Grab	9/11/2010	11:00	1	8oz glass	4 C	N	
* 2	T001-R667-100911-SD-1	8270,PAH,DRO,Metals, O&G add Alkyl PAH	Sediment	Grab	9/11/2010	12:20	1	8oz glass	4 C	N	
2	T001-R667-100911-SD-1	Grain size	Sediment	Grab	9/11/2010	12:20	1	8oz glass	4 C	N	
* 3	T001-R671-100911-SD-1	8270,PAH,DRO,Metals, O&G add Alkyl PAH	Sediment	Grab	9/11/2010	09:45	1	8oz glass	4 C	N	
3	T001-R671-100911-SD-1	Grain size	Sediment	Grab	9/11/2010	09:45	1	8oz glass	4 C	N	

HW 11/12/10

Special Instructions: 24 Hour Turnaround.

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]	9-11-10	Willie H.	9-11-10	1700		Willie H.	9-11-10 2030	[illegible] Marshall	9-11-10	2031
	[illegible] Marshall	9/12/10	[illegible]	9-12-10	0230						
	[illegible]	11/12/10 1515	[illegible]								

W.O.# 10114/84

T59659

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-20100911-003

AirbillNo:

Lab: ACCUTEST

Lab Phone: 713-271-4700

Contact: Kristie Warr

Phone: 713.985.6636

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
* 1	T008-1311-100911-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAHs	Sediment	Grab	9/11/2010	09:56	1	8 oz glass	4 C	N
1	T008-1311-100911-SD-1	Grain size	Sediment	Grab	9/11/2010	09:56	1	8 oz glass	4 C	N
* 2	T008-1312-100911-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAHs	Sediment	Grab	9/11/2010	12:06	1	8 oz glass	4 C	N
2	T008-1312-100911-SD-1	Grain size	Sediment	Grab	9/11/2010	12:06	1	8 oz glass	4 C	N
* 3	T008-R615-100911-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAHs	Sediment	Grab	9/11/2010	10:47	1	8 oz glass	4 C	N
3	T008-R615-100911-SD-1	Grain size	Sediment	Grab	9/11/2010	10:47	1	8 oz glass	4 C	N
* 4	T008-R618-100911-SD-1	8270,PAH,DRO,metals, O&G add Alkyl PAHs	Sediment	Grab	9/11/2010	09:07	1	8 oz glass	4 C	N
4	T008-R618-100911-SD-1	Grain size	Sediment	Grab	9/11/2010	09:07	1	8 oz glass	4 C	N

JW 11/12/10

Special Instructions: 24 Hour Turnaround.

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]	9-11-10	[illegible]	9-11-10	18:47						
	[illegible]	9-11-10	[illegible]	9-11-10	2037						
	[illegible]	9-12-10	[illegible]	9-12-10	0230						
	[illegible]	11/12/10 1515	[illegible]								

WIOTH 10 112184

T60027

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

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

No: T0001-100405-20100916-03
AirbillNo:
Lab_City: Houston
Lab_Zip: 77036

	Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
(1) *	7	T001-R681-100916-SD-1	8270,PAH,DRO,Metals, O&G	Sediment	Grab	9/16/2010	15:45	1	8oz glass	4 C	N	
	7	T001-R681-100916-SD-1	Grain size	Sediment	Grab	9/16/2010	15:45	1	8oz glass	4 C	N	
(2) *	8	T001-R682-100916-SD-1	8270,PAH,DRO,Metals, O&G	Sediment	Grab	9/16/2010	10:30	1	8oz glass	4 C	N	
	8	T001-R682-100916-SD-1	Grain size	Sediment	Grab	9/16/2010	10:30	1	8oz glass	4 C	N	
(3) *	9	T001-R683-100916-SD-1	8270,PAH,DRO,Metals, O&G	Sediment	Grab	9/16/2010	12:50	1	8oz glass	4 C	N	
	9	T001-R683-100916-SD-1	Grain size	Sediment	Grab	9/16/2010	12:50	1	8oz glass	4 C	N	
11/12/10	(1)	T001-R681-100916-SD-1	Alkyl PAHs									
	(2)	T001-R682-100916-SD-1	Alkyl PAHs									
	(3)	T001-R683-100916-SD-1	Alkyl PAHs									

Special Instructions: 24 Hour Turnaround.

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]	9/16/10	Willie H.	9-16-10	2000		Willie H.	9-16-10 2335	[illegible]	9/16/10	2348
	[illegible]	9/17/10 0543	[illegible]	9-17-10	0543						
	[illegible]	11/12/10 1515	[illegible]								

WCF 1011484

T60028

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-20100916-03

AirbillNo:

Contact: Kristie Warr

Phone: 713.985.6636

Lab: ACCUTEST

Lab Phone: 713-271-4700

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
6	T008-R687-100916-SD-1	8270,PAH,DRO,metals, O&G	Sediment	Grab	9/16/2010	09:54	1	8 oz glass	4 C	N
6	T008-R687-100916-SD-1	Grain size	Sediment	Grab	9/16/2010	09:54	1	8 oz glass	4 C	N
1	T008-R687-100916-SD-1		Alkyl PAHs							

11/12/10

Special Instructions: 24 Hour Turnaround.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		9-16-10		9/16/10	18:25						
		9/16/10		9/16/10	0548						
		9/17/10 0593		9-17-10	0593						
		11/12/10 1515									

ALS Environmental

Sample Receipt Checklist

Client Name: **WESTON HOU** Date/Time Received: **12-Nov-10 15:15**

Work Order: **1011484** Received by: **DWH**

Checklist completed by Raymond N Gamboa (eSignature) 12-Nov-10 (Date) Reviewed by: R. Kevin Given (eSignature) 15-Nov-10 (Date)

Matrices: Sediment
Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	4.2c	002	
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	_		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

ACCUTEST LABORATORIES

CUSTODY SEAL CUSTODY SEAL

ACCUTEST LABORATORIES

CUSTODY SEAL CUSTODY SEAL

DATE / TIME SEALED: 11/12/2010 11:20 INITIALS: RCT

Night 10/14/21