

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

26-Nov-08

Elizabeth Burns
Encintos Ranch
3684 FM 755
Encino, TX 78353

Tel: (361) 568-3429
Fax:

Re: South Texas Consolidated En/Mud Pit #701

Work Order : **0811383**

Dear Elizabeth,

ALS Laboratory Group received 3 samples on 11/19/2008 10:07 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group 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 Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 22.

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

Sincerely,

Ed B. Fry

Electronically approved by: Glenda H. Ramos

Ed B. Fry
Project Manager



Certificate No: T104704231-08-TX

ALS Group USA, Corp.

Part of the **ALS Laboratory Group**

10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338

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A Campbell Brothers Limited Company

Client: Encintos Ranch
Project: South Texas Consolidated En/Mud Pit #701
Work Order: 0811383

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0811383-01	1 Mud Pit Sample - 700	Sludge		11/16/2008 17:10	11/19/2008 10:07	<input type="checkbox"/>
0811383-02	2 Mud Pit Sample -701	Sludge		11/16/2008 16:35	11/19/2008 10:07	<input type="checkbox"/>
0811383-03	3 Mud Pit Sampel - 701 Dup	Sludge		11/16/2008 16:36	11/19/2008 10:07	<input type="checkbox"/>

Client: Encintos Ranch
Project: South Texas Consolidated En/Mud Pit #701
Work Order: 0811383

Case Narrative

TPH-TX1005 surrogate recoveries were above control limits for samples 1 Mud Pit Sample-700 and 3 Mud Pit Sample-701 Dup. Results were confirmed as matrix interference by reanalysis at dilution.

Batch 33054, Mercury, Sample 0811422-05 : MS/MSD is an unrelated sample.

Batch 33060, Metals, Sample 0811420-06 : MS/MSD is an unrelated sample.

Batch 30092, Metals, Sample 0811435-05 : MS/MSD is an unrelated sample.

Batch R70952, Anions, Sample 0811516-01 : MS is an unrelated sample.

ALS Laboratory Group

Date: 26-Nov-08

Client: Encintos Ranch
Project: South Texas Consolidated En/Mud Pit #701
Sample ID: 1 Mud Pit Sample - 700
Collection Date: 11/16/2008 05:10 PM

Work Order: 0811383
Lab ID: 0811383-01
Matrix: SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TEXAS TPH			TX1005		Prep Date: 11/19/2008	Analyst: KMB
nC6 to nC12	ND		990	mg/Kg	20	11/24/2008 02:48 PM
>nC12 to nC28	30,000		990	mg/Kg	20	11/24/2008 02:48 PM
>nC28 to nC35	ND		990	mg/Kg	20	11/24/2008 02:48 PM
Total Petroleum Hydrocarbon	30,000		990	mg/Kg	20	11/24/2008 02:48 PM
Surr: 2-Fluorobiphenyl	290	S	70-130	%REC	20	11/24/2008 02:48 PM
Surr: Trifluoromethyl benzene	83.0		70-130	%REC	20	11/24/2008 02:48 PM
MERCURY			SW7471A		Prep Date: 11/20/2008	Analyst: JCJ
Mercury	2,380		143	µg/Kg	10	11/21/2008 08:41 AM
METALS			SW6020		Prep Date: 11/24/2008	Analyst: IGF
Arsenic	187		4.35	mg/Kg	1	11/24/2008 09:35 PM
Barium	12,400		435	mg/Kg	100	11/25/2008 01:54 PM
Cadmium	ND		4.35	mg/Kg	1	11/24/2008 09:35 PM
Chromium	6.02		4.35	mg/Kg	1	11/24/2008 09:35 PM
Lead	645		4.35	mg/Kg	1	11/24/2008 09:35 PM
Potassium	968		435	mg/Kg	1	11/24/2008 09:35 PM
Selenium	ND		4.35	mg/Kg	1	11/24/2008 09:35 PM
Silver	ND		4.35	mg/Kg	1	11/24/2008 09:35 PM
Sodium	440		435	mg/Kg	1	11/24/2008 09:35 PM
ANIONS			E300		Prep Date: 11/24/2008	Analyst: PV
Chloride	234		5.00	mg/Kg	1	11/24/2008 02:38 PM
Surr: Selenate (surr)	91.0		85-115	%REC	1	11/24/2008 02:38 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 a - Not accredited
 S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 26-Nov-08

Client: Encintos Ranch
Project: South Texas Consolidated En/Mud Pit #701
Sample ID: 2 Mud Pit Sample -701
Collection Date: 11/16/2008 04:35 PM

Work Order: 0811383
Lab ID: 0811383-02
Matrix: SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH			TX1005		Prep Date: 11/19/2008	Analyst: KMB
nC6 to nC12	ND		0.47	mg/L	1	11/23/2008 05:04 AM
>nC12 to nC28	48		0.47	mg/L	1	11/23/2008 05:04 AM
>nC28 to nC35	2.6		0.47	mg/L	1	11/23/2008 05:04 AM
Total Petroleum Hydrocarbon	50.6		0.47	mg/L	1	11/23/2008 05:04 AM
Surr: 2-Fluorobiphenyl	113		70-130	%REC	1	11/23/2008 05:04 AM
Surr: Trifluoromethyl benzene	112		70-130	%REC	1	11/23/2008 05:04 AM
MERCURY			SW7470		Prep Date: 11/21/2008	Analyst: JCJ
Mercury	0.0372		0.00160	mg/L	1	11/21/2008 03:54 PM
METALS			SW6020		Prep Date: 11/21/2008	Analyst: ALR
Arsenic	1.92		0.0500	mg/L	1	11/22/2008 01:44 AM
Barium	523		5.00	mg/L	100	11/24/2008 06:40 PM
Cadmium	0.0215		0.0200	mg/L	1	11/22/2008 01:44 AM
Chromium	13.1		0.0500	mg/L	1	11/22/2008 01:44 AM
Lead	6.54		0.0500	mg/L	1	11/22/2008 01:44 AM
Potassium	82.3		2.00	mg/L	1	11/22/2008 01:44 AM
Selenium	ND		0.0500	mg/L	1	11/22/2008 01:44 AM
Silver	ND		0.0500	mg/L	1	11/22/2008 01:44 AM
Sodium	3,270		200	mg/L	100	11/24/2008 06:40 PM
ANIONS			E300			Analyst: PV
Chloride	1,740		250	mg/L	500	11/25/2008 10:30 AM
Surr: Selenate (surr)	91.7		85-115	%REC	500	11/25/2008 10:30 AM

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 26-Nov-08

Client: Encintos Ranch
Project: South Texas Consolidated En/Mud Pit #701
Sample ID: 3 Mud Pit Sampel - 701 Dup
Collection Date: 11/16/2008 04:36 PM

Work Order: 0811383
Lab ID: 0811383-03
Matrix: SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TEXAS TPH			TX1005		Prep Date: 11/19/2008	Analyst: KMB
nC6 to nC12	17,000		4,900	mg/Kg	100	11/25/2008 12:16 PM
>nC12 to nC28	140,000		4,900	mg/Kg	100	11/25/2008 12:16 PM
>nC28 to nC35	ND		4,900	mg/Kg	100	11/25/2008 12:16 PM
Total Petroleum Hydrocarbon	157,000		4,900	mg/Kg	100	11/25/2008 12:16 PM
Surr: 2-Fluorobiphenyl	135	S	70-130	%REC	100	11/25/2008 12:16 PM
Surr: Trifluoromethyl benzene	0	S	70-130	%REC	100	11/25/2008 12:16 PM
MERCURY			SW7471A		Prep Date: 11/20/2008	Analyst: JCJ
Mercury	3,520		135	µg/Kg	10	11/21/2008 08:43 AM
METALS			SW6020		Prep Date: 11/24/2008	Analyst: IGF
Arsenic	152		4.50	mg/Kg	1	11/24/2008 09:59 PM
Barium	12,600		450	mg/Kg	100	11/25/2008 02:18 PM
Cadmium	ND		4.50	mg/Kg	1	11/24/2008 09:59 PM
Chromium	27.5		4.50	mg/Kg	1	11/24/2008 09:59 PM
Lead	756		4.50	mg/Kg	1	11/24/2008 09:59 PM
Potassium	1,140		450	mg/Kg	1	11/24/2008 09:59 PM
Selenium	ND		4.50	mg/Kg	1	11/24/2008 09:59 PM
Silver	ND		4.50	mg/Kg	1	11/24/2008 09:59 PM
Sodium	1,520		450	mg/Kg	1	11/25/2008 05:26 PM
ANIONS			E300		Prep Date: 11/24/2008	Analyst: PV
Chloride	1,410		49.4	mg/Kg	10	11/24/2008 04:11 PM
Surr: Selenate (surr)	92.6		85-115	%REC	10	11/24/2008 04:11 PM

Qualifiers:
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 B - Analyte detected in the associated Method Blank
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 a - Not accredited

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 26-Nov-08

Client: Encintos Ranch

QC BATCH REPORT

Work Order: 0811383

Project: South Texas Consolidated En/Mud Pit #701

Batch ID: 33015

Instrument ID FID-8

Method: TX1005

MBLK		Sample ID: FBLKS1-081119-33015				Units: mg/Kg		Analysis Date: 11/20/2008 10:34 AM			
Client ID:		Run ID: FID-8_081119B				SeqNo: 1542482		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	ND	50									
>nC12 to nC28	ND	50									
>nC28 to nC35	ND	50									
Total Petroleum Hydrocarbon	ND	50									
Surr: 2-Fluorobiphenyl	55.19	0	50	0	110	70-130	0				
Surr: Trifluoromethyl benzene	53.08	0	50	0	106	70-130	0				

LCS		Sample ID: FLCSS1-081119-33015				Units: mg/Kg		Analysis Date: 11/20/2008 11:28 AM			
Client ID:		Run ID: FID-8_081119B				SeqNo: 1542483		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	269.3	50	250	0	108	75-125	0				
>nC12 to nC28	294.1	50	250	0	118	75-125	0				
Surr: 2-Fluorobiphenyl	59.86	0	50	0	120	70-130	0				
Surr: Trifluoromethyl benzene	55.24	0	50	0	110	70-130	0				

LCSD		Sample ID: FLCSDS1-081119-33015				Units: mg/Kg		Analysis Date: 11/20/2008 12:22 PM			
Client ID:		Run ID: FID-8_081119B				SeqNo: 1542484		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	269.4	50	250	0	108	75-125	269.3	0.0268	20		
>nC12 to nC28	296.6	50	250	0	119	75-125	294.1	0.834	20		
Surr: 2-Fluorobiphenyl	58.46	0	50	0	117	70-130	59.86	2.37	20		
Surr: Trifluoromethyl benzene	52.92	0	50	0	106	70-130	55.24	4.3	20		

MS		Sample ID: 0811313-03AMS				Units: mg/Kg		Analysis Date: 11/20/2008 07:45 AM			
Client ID:		Run ID: FID-8_081119B				SeqNo: 1542244		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	297.1	50	249.5	23.2	110	75-125	0				
>nC12 to nC28	294	50	249.5	42.51	101	75-125	0				
Surr: 2-Fluorobiphenyl	54.09	0	49.9	0	108	70-130	0				
Surr: Trifluoromethyl benzene	51.51	0	49.9	0	103	70-130	0				

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **33015** Instrument ID **FID-8** Method: **TX1005**

MSD Sample ID: **0811313-03AMSD** Units: **mg/Kg** Analysis Date: **11/20/2008 08:39 AM**

Client ID: Run ID: **FID-8_081119B** SeqNo: **1542245** Prep Date: **11/19/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	288	50	248.3	23.2	107	75-125	297.1	3.11	20	
>nC12 to nC28	294.9	50	248.3	42.51	102	75-125	294	0.324	20	
<i>Surr: 2-Fluorobiphenyl</i>	59.64	0	49.65	0	120	70-130	54.09	9.76	20	
<i>Surr: Trifluoromethyl benzene</i>	55.31	0	49.65	0	111	70-130	51.51	7.12	20	

The following samples were analyzed in this batch:

0811383-01A	0811383-03A
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ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: 33022 Instrument ID FID-7 Method: TX1005

MBLK		Sample ID: FBLKW1-081119-33022				Units: mg/L		Analysis Date: 11/20/2008 11:06 PM			
Client ID:		Run ID: FID-7_081119A				SeqNo: 1543387		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	ND	0.50									
>nC12 to nC28	ND	0.50									
>nC28 to nC35	ND	0.50									
Total Petroleum Hydrocarbon	ND	0.50									
Surr: 2-Fluorobiphenyl	5.299	0	5	0	106	70-130	0				
Surr: Trifluoromethyl benzene	5.324	0	5	0	106	70-130	0				

LCS		Sample ID: FLCSW1-081119-33022				Units: mg/L		Analysis Date: 11/20/2008 11:59 PM			
Client ID:		Run ID: FID-7_081119A				SeqNo: 1543388		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	28.74	0.50	25	0	115	75-125	0				
>nC12 to nC28	29.58	0.50	25	0	118	75-125	0				
Surr: 2-Fluorobiphenyl	5.707	0	5	0	114	70-130	0				
Surr: Trifluoromethyl benzene	5.453	0	5	0	109	70-130	0				

LCSD		Sample ID: FLCSDW1-081119-33022				Units: mg/L		Analysis Date: 11/21/2008 12:52 AM			
Client ID:		Run ID: FID-7_081119A				SeqNo: 1543389		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	28.21	0.50	25	0	113	75-125	28.74	1.86	20		
>nC12 to nC28	26.76	0.50	25	0	107	75-125	29.58	9.99	20		
Surr: 2-Fluorobiphenyl	5.752	0	5	0	115	70-130	5.707	0.78	20		
Surr: Trifluoromethyl benzene	5.602	0	5	0	112	70-130	5.453	2.7	20		

MS		Sample ID: 0811363-21BMS				Units: mg/L		Analysis Date: 11/20/2008 07:34 PM			
Client ID:		Run ID: FID-7_081119A				SeqNo: 1543384		Prep Date: 11/19/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
nC6 to nC12	40.27	0.46	22.93	19.91	88.8	75-125	0				
>nC12 to nC28	20.99	0.46	22.93	1.163	86.5	75-125	0				
Surr: 2-Fluorobiphenyl	4.182	0	4.586	0	91.2	70-130	0				
Surr: Trifluoromethyl benzene	4.751	0	4.586	0	104	70-130	0				

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 J - Analyte detected below quantitation limits
 O - Referenced analyte value is > 4 times amount spiked
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 B - Analyte detected in assoc. Method Blank
 U - Analyzed for but not detected
 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **33022** Instrument ID **FID-7** Method: **TX1005**

MSD		Sample ID: 0811363-21BMSD				Units: mg/L		Analysis Date: 11/20/2008 08:28 PM		
Client ID:		Run ID: FID-7_081119A				SeqNo: 1543385		Prep Date: 11/19/2008		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	40.57	0.47	23.36	19.91	88.5	75-125	40.27	0.746	20	
>nC12 to nC28	19.79	0.47	23.36	1.163	79.8	75-125	20.99	5.86	20	
<i>Surr: 2-Fluorobiphenyl</i>	3.862	0	4.671	0	82.7	70-130	4.182	7.97	20	
<i>Surr: Trifluoromethyl benzene</i>	4.413	0	4.671	0	94.5	70-130	4.751	7.37	20	

The following samples were analyzed in this batch: 0811383-02A

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 O - Referenced analyte value is > 4 times amount spiked
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 B - Analyte detected in assoc. Method Blank
 U - Analyzed for but not detected
 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: 33037 Instrument ID Mercury Method: SW7471A

MBLK	Sample ID: GBLKS2-112008-33037	Units: µg/Kg					Analysis Date: 11/20/2008 06:02 PM			
Client ID:	Run ID: MERCURY_081120E	SeqNo: 1543117	Prep Date: 11/20/2008	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	13								

LCS	Sample ID: GLCSS2-112008-33037	Units: µg/Kg					Analysis Date: 11/20/2008 06:04 PM			
Client ID:	Run ID: MERCURY_081120E	SeqNo: 1543121	Prep Date: 11/20/2008	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	345.3	13	333.3	0	104	85-115	0			

LCSD	Sample ID: GLCSDS2-112008-33037	Units: µg/Kg					Analysis Date: 11/20/2008 06:06 PM			
Client ID:	Run ID: MERCURY_081120E	SeqNo: 1543125	Prep Date: 11/20/2008	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	330	13	333.3	0	99	85-115	345.3	4.54	20	

MS	Sample ID: 0811336-02CMS	Units: µg/Kg					Analysis Date: 11/20/2008 06:12 PM			
Client ID:	Run ID: MERCURY_081120E	SeqNo: 1543138	Prep Date: 11/20/2008	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	338.9	14	363.6	13.41	89.5	85-115	0			

MSD	Sample ID: 0811336-02CMSD	Units: µg/Kg					Analysis Date: 11/20/2008 06:14 PM			
Client ID:	Run ID: MERCURY_081120E	SeqNo: 1543144	Prep Date: 11/20/2008	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	311.4	14	340.7	13.41	87.5	85-115	338.9	8.46	20	

DUP	Sample ID: 0811336-02CDUP	Units: µg/Kg					Analysis Date: 11/20/2008 06:10 PM			
Client ID:	Run ID: MERCURY_081120E	SeqNo: 1543135	Prep Date: 11/20/2008	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	14.86	15	0	0	0		13.41	10.3	20	

The following samples were analyzed in this batch: 0811383-01A 0811383-03A

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 O - Referenced analyte value is > 4 times amount spiked
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 B - Analyte detected in assoc. Method Blank
 U - Analyzed for but not detected
 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **33054** Instrument ID **Mercury** Method: **SW7470**

MBLK	Sample ID: GBLKW2-112108-33054					Units: mg/L	Analysis Date: 11/21/2008 03:13 PM			
Client ID:	Run ID: MERCURY_081121B			SeqNo: 1543993	Prep Date: 11/21/2008	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

LCS	Sample ID: GLCSW2-112108-33054					Units: mg/L	Analysis Date: 11/21/2008 03:15 PM			
Client ID:	Run ID: MERCURY_081121B			SeqNo: 1543994	Prep Date: 11/21/2008	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00533	0.00020	0.005	0	107	85-115	0			

MS	Sample ID: 0811422-05BMS					Units: mg/L	Analysis Date: 11/21/2008 03:26 PM			
Client ID:	Run ID: MERCURY_081121B			SeqNo: 1543997	Prep Date: 11/21/2008	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00188	0.00020	0.005	-0.000005	37.7	85-115	0			S

MSD	Sample ID: 0811422-05BMSD					Units: mg/L	Analysis Date: 11/21/2008 03:31 PM			
Client ID:	Run ID: MERCURY_081121B			SeqNo: 1543998	Prep Date: 11/21/2008	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00188	0.00020	0.005	-0.000005	37.7	85-115	0.00188	0	20	S

DUP	Sample ID: 0811422-05BDUP					Units: mg/L	Analysis Date: 11/21/2008 03:24 PM			
Client ID:	Run ID: MERCURY_081121B			SeqNo: 1543996	Prep Date: 11/21/2008	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	-0.000005	0	20	

The following samples were analyzed in this batch: 0811383-02A

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 O - Referenced analyte value is > 4 times amount spiked
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 B - Analyte detected in assoc. Method Blank
 U - Analyzed for but not detected
 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **33060** Instrument ID **ICPMS02** Method: **SW6020**

MBLK Sample ID: **MBLKW2-112108-33060** Units: **mg/L** Analysis Date: **11/21/2008 05:08 PM**

Client ID: Run ID: **ICPMS02_081121A** SeqNo: **1544260** Prep Date: **11/21/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.0020								
Chromium	ND	0.0050								
Lead	ND	0.0050								
Potassium	ND	0.20								
Selenium	ND	0.0050								
Silver	ND	0.0050								

MBLK Sample ID: **MBLKW2-112108-33060** Units: **mg/L** Analysis Date: **11/24/2008 01:22 PM**

Client ID: Run ID: **ICPMS02_081124A** SeqNo: **1544846** Prep Date: **11/21/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	ND	0.20								

LCS Sample ID: **MLCSW2-112108-33060** Units: **mg/L** Analysis Date: **11/21/2008 05:15 PM**

Client ID: Run ID: **ICPMS02_081121A** SeqNo: **1544261** Prep Date: **11/21/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05136	0.0050	0.05	0	103	80-120	0			
Barium	0.04796	0.0050	0.05	0	95.9	80-120	0			
Cadmium	0.04997	0.0020	0.05	0	99.9	80-120	0			
Chromium	0.04707	0.0050	0.05	0	94.1	80-120	0			
Lead	0.04841	0.0050	0.05	0	96.8	80-120	0			
Potassium	4.804	0.20	5	0	96.1	80-120	0			
Selenium	0.04911	0.0050	0.05	0	98.2	80-120	0			
Silver	0.04943	0.0050	0.05	0	98.9	80-120	0			

LCS Sample ID: **MLCSW2-112108-33060** Units: **mg/L** Analysis Date: **11/24/2008 01:28 PM**

Client ID: Run ID: **ICPMS02_081124A** SeqNo: **1544847** Prep Date: **11/21/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	5.031	0.20	5	0	101	80-120	0			

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 B - Analyte detected in assoc. Method Blank
 U - Analyzed for but not detected
 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: 33060 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0811420-06CMS Units: mg/L Analysis Date: 11/21/2008 05:47 PM

Client ID: Run ID: ICPMS02_081121A SeqNo: 1544266 Prep Date: 11/21/2008 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05213	0.0050	0.05	0.002387	99.5	80-120	0			
Barium	0.5765	0.0050	0.05	0.5581	36.8	80-120	0			SO
Cadmium	0.04985	0.0020	0.05	-0.0003601	100	80-120	0			
Chromium	0.04684	0.0050	0.05	0.001591	90.5	80-120	0			
Lead	0.04868	0.0050	0.05	0.00004918	97.3	80-120	0			
Potassium	5.71	0.20	5	1.244	89.3	80-120	0			
Selenium	0.05591	0.0050	0.05	0.008497	94.8	80-120	0			
Silver	0.04802	0.0050	0.05	-0.0007261	97.5	80-120	0			

MS Sample ID: 0811420-06CMS Units: mg/L Analysis Date: 11/24/2008 02:13 PM

Client ID: Run ID: ICPMS02_081124A SeqNo: 1545062 Prep Date: 11/21/2008 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	212.4	0.20	5	204.7	154	80-120	0			SEO

MSD Sample ID: 0811420-06CMSD Units: mg/L Analysis Date: 11/21/2008 05:53 PM

Client ID: Run ID: ICPMS02_081121A SeqNo: 1544267 Prep Date: 11/21/2008 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05182	0.0050	0.05	0.002387	98.9	80-120	0.05213	0.596	15	
Barium	0.5558	0.0050	0.05	0.5581	-4.6	80-120	0.5765	3.66	15	SO
Cadmium	0.04886	0.0020	0.05	-0.0003601	98.4	80-120	0.04985	2.01	15	
Chromium	0.04579	0.0050	0.05	0.001591	88.4	80-120	0.04684	2.27	15	
Lead	0.04706	0.0050	0.05	0.00004918	94	80-120	0.04868	3.38	15	
Potassium	5.502	0.20	5	1.244	85.2	80-120	5.71	3.71	15	
Selenium	0.05439	0.0050	0.05	0.008497	91.8	80-120	0.05591	2.76	15	
Silver	0.04644	0.0050	0.05	-0.0007261	94.3	80-120	0.04802	3.35	15	

MSD Sample ID: 0811420-06CMSD Units: mg/L Analysis Date: 11/24/2008 02:20 PM

Client ID: Run ID: ICPMS02_081124A SeqNo: 1545064 Prep Date: 11/21/2008 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	211.4	0.20	5	204.7	134	80-120	212.4	0.472	15	SEO

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 R - RPD outside accepted recovery limits
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 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: 33060 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0811420-06CDUP Units: mg/L Analysis Date: 11/21/2008 05:28 PM

Client ID: Run ID: ICPMS02_081121A SeqNo: 1544263 Prep Date: 11/21/2008 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.002486	0.0050	0	0	0	0-0	0.002387	0	25	J
Barium	0.506	0.0050	0	0	0	0-0	0.5581	9.79	25	
Cadmium	ND	0.0020	0	0	0	0-0	-0.0003601	0	25	
Chromium	0.00165	0.0050	0	0	0	0-0	0.001591	0	25	J
Lead	ND	0.0050	0	0	0	0-0	0.00004918	0	25	
Potassium	1.077	0.20	0	0	0	0-0	1.244	14.4	25	
Selenium	0.009199	0.0050	0	0	0	0-0	0.008497	7.93	25	
Silver	ND	0.0050	0	0	0	0-0	-0.0007261	0	25	

DUP Sample ID: 0811420-06CDUP Units: mg/L Analysis Date: 11/24/2008 06:08 PM

Client ID: Run ID: ICPMS02_081124A SeqNo: 1545426 Prep Date: 11/21/2008 DF: 50

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	188.8	10	0	0	0	0-0	179.4	5.16	25	

The following samples were analyzed in this batch: 0811383-02A

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
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- R - RPD outside accepted recovery limits
- P - Dual Column results percent difference > 40%
- B - Analyte detected in assoc. Method Blank
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- E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **33092** Instrument ID **ICP7500** Method: **SW6020**

MBLK Sample ID: **MBLKS3-112408-33092** Units: **mg/Kg** Analysis Date: **11/24/2008 09:04 PM**

Client ID: Run ID: **ICP7500_081124A** SeqNo: **1545569** Prep Date: **11/24/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	5.0								
Barium	ND	5.0								
Cadmium	ND	5.0								
Chromium	ND	5.0								
Lead	ND	5.0								
Potassium	ND	500								
Selenium	ND	5.0								
Silver	ND	5.0								
Sodium	ND	500								

LCS Sample ID: **MLCSS3-112408-33092** Units: **mg/Kg** Analysis Date: **11/24/2008 09:11 PM**

Client ID: Run ID: **ICP7500_081124A** SeqNo: **1545570** Prep Date: **11/24/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	54.18	5.0	50	0	108	80-120	0			
Barium	55.65	5.0	50	0	111	80-120	0			
Cadmium	53.14	5.0	50	0	106	80-120	0			
Chromium	53.06	5.0	50	0	106	80-120	0			
Lead	53.34	5.0	50	0	107	80-120	0			
Potassium	2755	500	2500	0	110	80-120	0			
Selenium	54.79	5.0	50	0	110	80-120	0			
Silver	54.85	5.0	50	0	110	80-120	0			
Sodium	2665	500	2500	0	107	80-120	0			

MS Sample ID: **0811435-05AMS** Units: **mg/Kg** Analysis Date: **11/24/2008 10:23 PM**

Client ID: Run ID: **ICP7500_081124A** SeqNo: **1545579** Prep Date: **11/24/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	47.32	4.8	48.08	1.721	94.8	80-120	0			
Barium	612.3	4.8	48.08	510.4	212	80-120	0			SO
Cadmium	46.16	4.8	48.08	0.2614	95.5	80-120	0			
Chromium	52.52	4.8	48.08	8.307	92	80-120	0			
Lead	52.37	4.8	48.08	5.217	98.1	80-120	0			
Potassium	54220	480	2404	49760	186	80-120	0			SO
Selenium	44.19	4.8	48.08	0.6336	90.6	80-120	0			
Silver	45.08	4.8	48.08	0.04841	93.7	80-120	0			

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: 33092 Instrument ID ICP7500 Method: SW6020

MS		Sample ID: 0811435-05AMS				Units: mg/Kg		Analysis Date: 11/25/2008 05:50 PM			
Client ID:		Run ID: ICP7500_081125A				SeqNo: 1546738		Prep Date: 11/24/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Sodium	3383	480	2404	1509	78	80-120	0			S	

MSD		Sample ID: 0811435-05AMSD				Units: mg/Kg		Analysis Date: 11/24/2008 10:29 PM			
Client ID:		Run ID: ICP7500_081124A				SeqNo: 1545580		Prep Date: 11/24/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	46.09	4.8	48.08	1.721	92.3	80-120	47.32	2.64	25		
Barium	633.7	4.8	48.08	510.4	256	80-120	612.3	3.43	25	SO	
Cadmium	45.78	4.8	48.08	0.2614	94.7	80-120	46.16	0.837	25		
Chromium	52	4.8	48.08	8.307	90.9	80-120	52.52	0.994	25		
Lead	51.55	4.8	48.08	5.217	96.4	80-120	52.37	1.57	25		
Potassium	54010	480	2404	49760	177	80-120	54220	0.391	25	SO	
Selenium	44.12	4.8	48.08	0.6336	90.5	80-120	44.19	0.152	25		
Silver	44.19	4.8	48.08	0.04841	91.8	80-120	45.08	1.98	25		

MSD		Sample ID: 0811435-05AMSD				Units: mg/Kg		Analysis Date: 11/25/2008 05:56 PM			
Client ID:		Run ID: ICP7500_081125A				SeqNo: 1546739		Prep Date: 11/24/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Sodium	3323	480	2404	1509	75.5	80-120	3383	1.78	25	S	

DUP		Sample ID: 0811435-05ADUP				Units: mg/Kg		Analysis Date: 11/24/2008 10:11 PM			
Client ID:		Run ID: ICP7500_081124A				SeqNo: 1545578		Prep Date: 11/24/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	2.149	4.8	0	0	0	0-0	1.721	0	25	J	
Barium	545.9	4.8	0	0	0	0-0	510.4	6.72	25		
Cadmium	ND	4.8	0	0	0	0-0	0.2614	0	25		
Chromium	8.248	4.8	0	0	0	0-0	8.307	0.709	25		
Lead	5.263	4.8	0	0	0	0-0	5.217	0.881	25		
Potassium	50530	480	0	0	0	0-0	49760	1.53	25		
Selenium	ND	4.8	0	0	0	0-0	0.6336	0	25		
Silver	ND	4.8	0	0	0	0-0	0.04841	0	25		

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 R - RPD outside accepted recovery limits
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 B - Analyte detected in assoc. Method Blank
 U - Analyzed for but not detected
 E - Value above quantitation range

Client: Encintos Ranch
Work Order: 0811383
Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **33092** Instrument ID **ICP7500** Method: **SW6020**

DUP Sample ID: **0811435-05ADUP** Units: **mg/Kg** Analysis Date: **11/25/2008 05:38 PM**

Client ID: Run ID: **ICP7500_081125A** SeqNo: **1546737** Prep Date: **11/24/2008** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	1475	480	0	0	0	0-0	1509	2.26	25	

The following samples were analyzed in this batch: 0811383-01A 0811383-03A

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- O - Referenced analyte value is > 4 times amount spiked
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- R - RPD outside accepted recovery limits
- P - Dual Column results percent difference > 40%
- B - Analyte detected in assoc. Method Blank
- U - Analyzed for but not detected
- E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **33140** Instrument ID **ICS3000** Method: **E300**

MBLK		Sample ID: WBLKS1-112408-33140				Units: mg/Kg		Analysis Date: 11/24/2008 01:13 PM		
Client ID:		Run ID: ICS3000_081124E				SeqNo: 1547260		Prep Date: 11/24/2008		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	5.0								
<i>Surr: Selenate (surr)</i>	45.92	1.0	50	0	91.8	85-115	0			

LCS		Sample ID: WLCSS1-112408-33140				Units: mg/Kg		Analysis Date: 11/24/2008 01:36 PM		
Client ID:		Run ID: ICS3000_081124E				SeqNo: 1547261		Prep Date: 11/24/2008		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	201.6	5.0	200	0	101	90-110	0			
<i>Surr: Selenate (surr)</i>	48.78	1.0	50	0	97.6	85-115	0			

MS		Sample ID: 0811383-01AMS				Units: mg/Kg		Analysis Date: 11/24/2008 03:24 PM		
Client ID: 1 Mud Pit Sample - 700		Run ID: ICS3000_081124E				SeqNo: 1547265		Prep Date: 11/24/2008		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	328.5	5.0	99.9	233.9	94.6	75-125	0			
<i>Surr: Selenate (surr)</i>	44.79	1.0	49.95	0	89.7	80-120	0			

DUP		Sample ID: 0811383-01ADUP				Units: mg/Kg		Analysis Date: 11/24/2008 03:01 PM		
Client ID: 1 Mud Pit Sample - 700		Run ID: ICS3000_081124E				SeqNo: 1547264		Prep Date: 11/24/2008		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	233.5	5.0	0	0	0	0-0	233.9	0.162	20	
<i>Surr: Selenate (surr)</i>	45.19	1.0	49.95	0	90.5	85-115	45.43	0.529	20	

The following samples were analyzed in this batch: 0811383-01A 0811383-03A

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 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 B - Analyte detected in assoc. Method Blank
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 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0811383
 Project: South Texas Consolidated En/Mud Pit #701

QC BATCH REPORT

Batch ID: **R70592** Instrument ID **ICS3000** Method: **E300**

MBLK		Sample ID: WBLKW1-112508-R70592				Units: mg/L		Analysis Date: 11/25/2008 12:27 PM		
Client ID:		Run ID: ICS3000_081125A				SeqNo: 1546721		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.50								
<i>Surr: Selenate (surr)</i>	4.607	0.10	5	0	92.1	85-115	0			

LCS		Sample ID: WLCSW1-112508-R70592				Units: mg/L		Analysis Date: 11/25/2008 12:50 PM		
Client ID:		Run ID: ICS3000_081125A				SeqNo: 1546722		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.4	0.50	20	0	102	90-110	0			
<i>Surr: Selenate (surr)</i>	4.943	0.10	5	0	98.9	85-115	0			

MS		Sample ID: 0811516-01HMS				Units: mg/L		Analysis Date: 11/25/2008 03:16 PM		
Client ID:		Run ID: ICS3000_081125A				SeqNo: 1546728		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	1499	0.50	10	1517	-185	80-120	0			SEO
<i>Surr: Selenate (surr)</i>	4.726	0.10	5	0	94.5	85-115	0			

DUP		Sample ID: 0811516-01HDUP				Units: mg/L		Analysis Date: 11/25/2008 02:53 PM		
Client ID:		Run ID: ICS3000_081125A				SeqNo: 1546727		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	1518	0.50	0	0	0	0-0	1517	0.0473	20	E
<i>Surr: Selenate (surr)</i>	4.622	0.10	5	0	92.4	85-115	4.628	0.13	20	

The following samples were analyzed in this batch: 0811383-02A

- ND - Not Detected at the Reporting Limit
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- R - RPD outside accepted recovery limits
- P - Dual Column results percent difference > 40%
- B - Analyte detected in assoc. Method Blank
- U - Analyzed for but not detected
- E - Value above quantitation range

10450 Standcliff Rd., Suite 210
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Customer Information				Project Information				ALS Work Order #: <u>01383</u>											
Project Information				Parameter/Method Request for Analysis															
Purchase Order	Project Name	Mud Pit #701	A	TPH-TX1003															
Work Order	Project Number	1	B	ACKA 8 plus N4 & K.															
Company Name	Bill To Company	Same	C	Chlorides.															
Send Report To	Invoice Attn		D																
Address	Address		E																
City/State/Zip	City/State/Zip		F																
Phone	Phone		G																
Fax	Fax		H																
e-Mail Address	e-Mail Address		I																
			J																
				A	B	C	D	E	F	G	H	I	J	Hold					
1	Mud Pit Sample - 700	11/16/07	17:10	Study	Ice	1													
2	Mud Pit Sample 701	11/16/07	16:35	Study	Ice	1													
3	Mud Pit Sample 701 Dup	11/16/07	16:36	Study	Ice	1													
4																			
5																			
6																			
7																			
8																			
9																			
10																			

ALS Project Manager: Pres. # Bottles: Matrix: Time: Date: e-Mail Address:

Sample Description: Date: Time: e-Mail Address:

Shipment Method: Required Turnaround Time: (Check Box) Other 5 Wk Days 10 Wk Days 2 Wk Days 24 Hour

Results Due Date:

QC Package: (Check One Box Below) Level II Std QC Level III Std QC/Raw Date Level IV SW846/CLP Other

Relinquished by: Michael McCoy Date: 11/16/07 Time: 10:07

Relinquished by: Date: Time:

Logged by (Laboratory): Date: Time:

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₃ 7-Other 8-4°C 9-5035

Notes:

Received by: Date: Time:

Received by (Laboratory): Date: Time:

Checked by (Laboratory): Date: Time:

Cooler ID: Cooler Temp:

TRRP Checklist: TRRP Level IV TRRP Level IV

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Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group. 2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.

Sample Receipt Checklist

Client Name: ACME


Date/Time Received: 11/19/2008 10:07

Work Order Number 0811383

Received by: EBF

Checklist completed by 
Signature

11/19/08
Date

Reviewed by 
Initials

11/24/08
Date

Matrix: Sludge

Carrier name: Client

- 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): 4.0c 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

Adjusted?

Checked by

Login Notes:

Client contacted:

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action