HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, April 04, 2011

Pamela Moss
Shaw Environmental, Inc.
7604 Technology Way, Suite 300
Denver, CO 80237

TEL: (720) 554-8252
FAX

RE: KAFB BFF

Order No.: 1103770

Dear Pamela Moss:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 3/18/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc. **Date:** *04-Apr-11*

CLIENT: Shaw Environmental, Inc.
Project: KAFB BFF
Lab Order: 1103770

CASE NARRATIVE

The temperature in the room, during the TCLP tumbling, was outside of the method listed temperature range of 23C +/- 2.

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106082IDW2
Lab Order:	1103770	**Collection Date:**	3/18/2011 2:18:00 PM
Project:	KAFB BFF	**Date Received:**	3/18/2011
Lab ID:	1103770-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	3/25/2011 3:13:02 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 3:13:02 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 3:13:02 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 3:13:02 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 3:13:02 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 3:13:02 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 3:13:02 PM
Surr: Decachlorobiphenyl	89.6	39-142		%REC	1	3/25/2011 3:13:02 PM
Surr: Tetrachloro-m-xylene	75.1	38.7-136		%REC	1	3/25/2011 3:13:02 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/23/2011 7:52:03 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/23/2011 7:52:03 AM
Surr: DNOP	111	81.8-129		%REC	1	3/23/2011 7:52:03 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/23/2011 10:39:23 PM
Surr: BFB	99.5	89.7-125		%REC	1	3/23/2011 10:39:23 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/23/2011 10:39:23 PM
Benzene	ND	0.050		mg/Kg	1	3/23/2011 10:39:23 PM
Toluene	ND	0.050		mg/Kg	1	3/23/2011 10:39:23 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/23/2011 10:39:23 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/23/2011 10:39:23 PM
Surr: 4-Bromofluorobenzene	107	85.3-139		%REC	1	3/23/2011 10:39:23 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:00:47 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/23/2011 8:56:09 AM
Barium	ND	100		mg/L	1	3/23/2011 8:56:09 AM
Cadmium	ND	1.0		mg/L	1	3/23/2011 8:56:09 AM
Chromium	ND	5.0		mg/L	1	3/23/2011 8:56:09 AM
Lead	ND	5.0		mg/L	1	3/23/2011 8:56:09 AM
Selenium	ND	1.0		mg/L	1	3/23/2011 8:56:09 AM
Silver	ND	5.0		mg/L	1	3/23/2011 8:56:09 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 8:17:23 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106082IDW2
Lab Order:	1103770	**Collection Date:**	3/18/2011 2:18:00 PM
Project:	KAFB BFF	**Date Received:**	3/18/2011
Lab ID:	1103770-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	3/25/2011 8:17:23 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 8:17:23 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 8:17:23 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 8:17:23 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 8:17:23 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 8:17:23 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 8:17:23 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 8:17:23 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 8:17:23 PM
Surr: 2,4,6-Tribromophenol	62.8	21.6-121		%REC	1	3/25/2011 8:17:23 PM
Surr: 2-Fluorobiphenyl	72.1	36.3-107		%REC	1	3/25/2011 8:17:23 PM
Surr: 2-Fluorophenol	64.1	7.63-90		%REC	1	3/25/2011 8:17:23 PM
Surr: 4-Terphenyl-d14	110	39-110		%REC	1	3/25/2011 8:17:23 PM
Surr: Nitrobenzene-d5	84.8	36.9-110		%REC	1	3/25/2011 8:17:23 PM
Surr: Phenol-d5	51.2	13.3-67.7		%REC	1	3/25/2011 8:17:23 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	3/23/2011 7:56:48 PM
2-Butanone	ND	10		mg/L	1	3/23/2011 7:56:48 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	3/23/2011 7:56:48 PM
Chlorobenzene	ND	100		mg/L	1	3/23/2011 7:56:48 PM
Chloroform	ND	6.0		mg/L	1	3/23/2011 7:56:48 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	3/23/2011 7:56:48 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	3/23/2011 7:56:48 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	3/23/2011 7:56:48 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/23/2011 7:56:48 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	3/23/2011 7:56:48 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	3/23/2011 7:56:48 PM
Vinyl chloride	ND	0.20		mg/L	1	3/23/2011 7:56:48 PM
Surr: 1,2-Dichloroethane-d4	87.2	69.9-130		%REC	1	3/23/2011 7:56:48 PM
Surr: 4-Bromofluorobenzene	102	71.2-123		%REC	1	3/23/2011 7:56:48 PM
Surr: Dibromofluoromethane	136	73.9-134	S	%REC	1	3/23/2011 7:56:48 PM
Surr: Toluene-d8	94.1	81.9-122		%REC	1	3/23/2011 7:56:48 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	3/26/2011
2,4-D	ND	0.10		mg/L	1	3/26/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.1	0.10		pH Units	1	3/23/2011

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Hall Environmental Analysis Laboratory, Inc.

Date: *04-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106082IDW2
Lab Order:	1103770	**Collection Date:**	3/18/2011 2:18:00 PM
Project:	KAFB BFF	**Date Received:**	3/18/2011
Lab ID:	1103770-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/22/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	3/29/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	3/30/2011

Qualifiers:

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NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
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QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103770

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: 1103770-01AMSD		*MSD*				Batch ID:	**26066**	Analysis Date:		3/23/2011 9:00:53 AM	
Diesel Range Organics (DRO)	53.11	mg/Kg	10	50	5.838	94.5	57.5	128	2.06	19.7	
Sample ID: MB-26066		*MBLK*				Batch ID:	**26066**	Analysis Date:		3/23/2011 6:08:48 AM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-26066		*LCS*				Batch ID:	**26066**	Analysis Date:		3/23/2011 6:43:13 AM	
Diesel Range Organics (DRO)	59.45	mg/Kg	10	50	5.301	108	66.2	120			
Sample ID: LCSD-26066		*LCSD*				Batch ID:	**26066**	Analysis Date:		3/23/2011 7:17:37 AM	
Diesel Range Organics (DRO)	57.04	mg/Kg	10	50	5.301	103	66.2	120	4.13	14.3	
Sample ID: 1103770-01AMS		*MS*				Batch ID:	**26066**	Analysis Date:		3/23/2011 8:26:31 AM	
Diesel Range Organics (DRO)	54.21	mg/Kg	10	50	5.838	96.7	57.5	128			
Method: EPA Method 8015B: Gasoline Range											
Sample ID: MB-26065		*MBLK*				Batch ID:	**26065**	Analysis Date:		3/23/2011 6:08:52 PM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-26065		*LCS*				Batch ID:	**26065**	Analysis Date:		3/23/2011 4:08:25 PM	
Gasoline Range Organics (GRO)	28.95	mg/Kg	5.0	25	0	116	88.8	124			
Method: EPA Method 8021B: Volatiles											
Sample ID: 1103770-01AMSD		*MSD*				Batch ID:	**26065**	Analysis Date:		3/23/2011 5:08:33 PM	
Methyl tert-butyl ether (MTBE)	0.9825	mg/Kg	0.10	1	0	98.3	61.3	215	2.13	19.6	
Benzene	1.000	mg/Kg	0.050	1	0.0152	98.5	67.2	113	0.200	14.3	
Toluene	0.9404	mg/Kg	0.050	1	0	94.0	62.1	116	0.769	15.9	
Ethylbenzene	1.032	mg/Kg	0.050	1	0	103	67.9	127	3.16	14.4	
Xylenes, Total	3.234	mg/Kg	0.10	3	0	108	60.6	134	2.19	12.6	
Sample ID: MB-26065		*MBLK*				Batch ID:	**26065**	Analysis Date:		3/23/2011 6:08:52 PM	
Methyl tert-butyl ether (MTBE)	ND	mg/Kg	0.10								
Benzene	ND	mg/Kg	0.050								
Toluene	ND	mg/Kg	0.050								
Ethylbenzene	ND	mg/Kg	0.050								
Xylenes, Total	ND	mg/Kg	0.10								
Sample ID: LCS-26065		*LCS*				Batch ID:	**26065**	Analysis Date:		3/23/2011 5:38:44 PM	
Methyl tert-butyl ether (MTBE)	1.011	mg/Kg	0.10	1	0	101	65.5	229			
Benzene	1.057	mg/Kg	0.050	1	0.0166	104	83.3	107			
Toluene	0.9848	mg/Kg	0.050	1	0	98.5	74.3	115			
Ethylbenzene	1.076	mg/Kg	0.050	1	0.0059	107	80.9	122			
Xylenes, Total	3.334	mg/Kg	0.10	3	0	111	85.2	123			
Sample ID: 1103770-01AMS		*MS*				Batch ID:	**26065**	Analysis Date:		3/23/2011 4:38:29 PM	
Methyl tert-butyl ether (MTBE)	0.9618	mg/Kg	0.10	1	0	96.2	61.3	215			
Benzene	0.9980	mg/Kg	0.050	1	0.0152	98.3	67.2	113			
Toluene	0.9332	mg/Kg	0.050	1	0	93.3	62.1	116			
Ethylbenzene	0.9995	mg/Kg	0.050	1	0	100	67.9	127			
Xylenes, Total	3.164	mg/Kg	0.10	3	0	105	60.6	134			

Qualifiers:

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ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103770

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8081: Pesticides TCLP											
Sample ID: MB-26097		*MBLK*				Batch ID:	**26097**	Analysis Date:	3/25/2011 11:00:30 AM		
Chlordane	ND	mg/L	0.030								
Endrin	ND	mg/L	0.020								
gamma-BHC (Lindane)	ND	mg/L	0.40								
Heptachlor	ND	mg/L	0.0080								
Heptachlor epoxide	ND	mg/L	0.0080								
Methoxychlor	ND	mg/L	10								
Toxaphene	ND	mg/L	0.50								
Sample ID: LCS-26097		*LCS*				Batch ID:	**26097**	Analysis Date:	3/25/2011 11:17:38 AM		
Endrin	0.0005780	mg/L	0.00010	0.0005	0	116	40.1	129			
gamma-BHC (Lindane)	0.0005040	mg/L	0.00010	0.0005	0	101	35.7	132			
Heptachlor	0.0004940	mg/L	0.00010	0.0005	0	98.8	32.8	124			
Heptachlor epoxide	0.0004910	mg/L	0.00010	0.0005	0	98.2	35.9	131			
Methoxychlor	0.0005760	mg/L	0.00010	0.0005	0	115	45.5	128			
Method: EPA Method 8151: Herbicides TCLP											
Sample ID: MB-R44469		*MBLK*				Batch ID:	**R44469**	Analysis Date:	3/25/2011		
2,4,5-TP (Silvex)	ND	mg/L	0.10								
2,4-D	ND	mg/L	0.10								
Sample ID: LCS-R44469		*LCS*				Batch ID:	**R44469**	Analysis Date:	3/25/2011		
2,4,5-TP (Silvex)	0.002300	mg/L	0.0010	0.003	0	92.0	50	150			
2,4-D	0.009210	mg/L	0.0010	0.01	0	92.1	50	150			
Method: Volatiles by 8260B/1311											
Sample ID: mb-26054		*MBLK*				Batch ID:	**26054**	Analysis Date:	3/23/2011 4:40:29 PM		
Benzene	ND	mg/L	0.50								
2-Butanone	ND	mg/L	10								
Carbon Tetrachloride	ND	mg/L	0.50								
Chlorobenzene	ND	mg/L	100								
Chloroform	ND	mg/L	6.0								
1,4-Dichlorobenzene	ND	mg/L	7.5								
1,2-Dichloroethane (EDC)	ND	mg/L	0.50								
1,1-Dichloroethene	ND	mg/L	0.70								
Hexachlorobutadiene	ND	mg/L	0.50								
Tetrachloroethene (PCE)	ND	mg/L	0.70								
Trichloroethene (TCE)	ND	mg/L	0.50								
Vinyl chloride	ND	mg/L	0.20								
Sample ID: lcs-26054		*LCS*				Batch ID:	**26054**	Analysis Date:	3/23/2011 5:08:37 PM		
Benzene	0.3859	mg/L	0.010	0.4	0	96.5	51.1	171			
Chlorobenzene	0.3921	mg/L	0.010	0.4	0	98.0	36.1	191			
1,1-Dichloroethene	0.4182	mg/L	0.010	0.4	0	105	49.1	162			
Trichloroethene (TCE)	0.3435	mg/L	0.010	0.4	0	85.9	41.2	166			

Qualifiers:

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QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103770

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C TCLP											
Sample ID: mb-26095		*MBLK*				Batch ID:	**26095**	Analysis Date:	3/25/2011 3:53:06 PM		
2,4-Dinitrotoluene	ND	mg/L	0.13								
Hexachlorobenzene	ND	mg/L	0.13								
Hexachlorobutadiene	ND	mg/L	0.50								
Hexachloroethane	ND	mg/L	3.0								
Nitrobenzene	ND	mg/L	2.0								
Pentachlorophenol	ND	mg/L	100								
Pyridine	ND	mg/L	5.0								
2,4,5-Trichlorophenol	ND	mg/L	400								
2,4,6-Trichlorophenol	ND	mg/L	2.0								
Cresols, Total	ND	mg/L	200								
Sample ID: lcs-26095		*LCS*				Batch ID:	**26095**	Analysis Date:	3/25/2011 4:22:28 PM		
2,4-Dinitrotoluene	0.04924	mg/L	0.010	0.1	0	49.2	21.5	129			
Hexachlorobenzene	0.06272	mg/L	0.010	0.1	0	62.7	26.2	83.3			
Hexachlorobutadiene	0.06004	mg/L	0.010	0.1	0	60.0	25.9	83.4			
Hexachloroethane	0.06270	mg/L	0.010	0.1	0	62.7	30.5	77.5			
Nitrobenzene	0.07866	mg/L	0.010	0.1	0	78.7	34.6	97.6			
Pentachlorophenol	0.02760	mg/L	0.010	0.1	0	27.6	13.3	88.7			
Pyridine	0.05724	mg/L	0.010	0.1	0	57.2	5.1	70.6			
2,4,5-Trichlorophenol	0.06114	mg/L	0.010	0.1	0	61.1	11.7	104			
2,4,6-Trichlorophenol	0.05896	mg/L	0.010	0.1	0	59.0	11.6	100			
Cresols, Total	0.1983	mg/L	0.010	0.3	0	66.1	29.6	87			
Method: MERCURY, TCLP											
Sample ID: MB-26221		*MBLK*				Batch ID:	**26221**	Analysis Date:	4/1/2011 11:55:33 AM		
Mercury	ND	mg/L	0.020								
Sample ID: LCS-26221		*LCS*				Batch ID:	**26221**	Analysis Date:	4/1/2011 11:57:17 AM		
Mercury	ND	mg/L	0.020	0.005	0	98.3	80	120			

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ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103770

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 6010B: TCLP Metals											
Sample ID: MB-26078		*MBLK*				Batch ID:	**26078**	Analysis Date:	3/23/2011 8:04:30 AM		
Arsenic	ND	mg/L	5.0								
Barium	ND	mg/L	100								
Cadmium	ND	mg/L	1.0								
Chromium	ND	mg/L	5.0								
Lead	ND	mg/L	5.0								
Selenium	ND	mg/L	1.0								
Silver	ND	mg/L	5.0								
Sample ID: LCS-26078		*LCS*				Batch ID:	**26078**	Analysis Date:	3/23/2011 8:06:54 AM		
Arsenic	ND	mg/L	5.0	0.5	0	116	80	120			
Barium	ND	mg/L	100	0.5	0	101	80	120			
Cadmium	ND	mg/L	1.0	0.5	0	108	80	120			
Chromium	ND	mg/L	5.0	0.5	0	99.9	80	120			
Lead	ND	mg/L	5.0	0.5	0	98.6	80	120			
Selenium	ND	mg/L	1.0	0.5	0	121	80	120			S
Silver	ND	mg/L	5.0	0.5	0	108	80	120			
Method: CYANIDE, Reactive											
Sample ID: MB-R44469		*MBLK*				Batch ID:	**R44469**	Analysis Date:	3/29/2011		
Reactive Cyanide	ND	mg/Kg	10								
Sample ID: LCS-R44469		*LCS*				Batch ID:	**R44469**	Analysis Date:	3/29/2011		
Reactive Cyanide	0.4250	mg/Kg	0.10	0.5	0	85.0	70	130			
Method: SULFIDE, Reactive											
Sample ID: MB-R44469		*MBLK*				Batch ID:	**R44469**	Analysis Date:	3/30/2011		
Reactive Sulfide	ND	mg/Kg	10								
Sample ID: LCS-R44469		*LCS*				Batch ID:	**R44469**	Analysis Date:	3/30/2011		
Reactive Sulfide	0.1800	mg/Kg	0.10	0.2	0	90.0	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name SHAW

Date Received: 3/18/2011

Work Order Number 1103770

Received by: AT

Sample ID labels checked by: _____ Initials

Checklist completed by: _____ Signature | 03/18/11 Date

Matrix:

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
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 ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**25.9°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Shaw™
Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 140705-IDW028

Project Number: 140705
Project Name: Kirtland AFB
Sample Coordinator: Mark Lyon
Turnaround Time: 10 day

Samples Shipment Date: 18 MAR 2011
Lab Destination: Hall Environmental Analysis Laboratory
Lab Contact: Andy Freeman
Project Contact: Pamela Moss
Carrier/Waybill No.: Courier/N/A

Bill To: Shaw Environmental, Inc. - Accounts P
PO Box 98519
Baton Rouge LA 70884

Report To: Pamela Moss
7604 Technology Way, Suite 300
Denver CO 80237

Special Instructions: 10 day TAT

Possible Hazard Indentification: Radiological ☐
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Sample Disposal:
Return to Client ☐ Disposal by Lab ☐ Archive (mos.)

1. Relinquished By (Signature/Affiliation) Kimberly Jones Kimberly Jones	Date: 3/18/11 Time: 1515	1. Received By (Signature/Affiliation) Richard Bay	Date: 3/18/11 Time: 1515
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation) Anne Thom	Date: 3/18/11 Time: 1540
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: 1 Rolloff

25.9°
403770

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fil	CID	Condition On Receipt
-1	106082IDW2	KAFB10682-SO-106082IDW2-REG	18 MAR 2011	14:18	8 oz CWM	1	None except cool to 4 C	TCLP Metals by SW846 1311 6010B, TCLP Mercury by SW846 1311 7470A			N		
-1	106082IDW2	KAFB10682-SO-106082IDW2-REG	18 MAR 2011	14:18	8 oz CWM	1	None except cool to 4 C	TCLP Pesticides by SW846 1311 8081B, TCLP Herbicides by SW846 1311 8151A, TCLP VOCs by SW846 1311 8260B, TCLP SVOCs by SW846 1311 8270D			N		
-1	106082IDW2	KAFB10682-SO-106082IDW2-REG	18 MAR 2011	14:18	8 oz CWM	1	None except cool to 4 C	Reactivity, Corrosivity, and Ignitability by SW846 Chapter 7,7.3.4.2			N		
-1	106082IDW2	KAFB10682-SO-106082IDW2-REG	18 MAR 2011	14:18	4 oz CWM	1	None except cool to 4 C	TPH as Diesel by SW846 8015B, TPH as Gasoline by SW846 8015B, BTEX			N		

Shaw™
Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 140705-IDW028

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Sample Vol	Units	Fil	CID	Condition On Receipt
						by SW846 8021					