HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, April 07, 2011

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

TEL: (720) 554-8252
FAX

RE: KAFB BFF

Order No.: 1103861

Dear Pamela Moss:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 3/22/2011 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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW1
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:45:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-01	**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 4:04:31 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 4:04:31 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 4:04:31 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 4:04:31 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 4:04:31 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 4:04:31 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 4:04:31 PM
Surr: Decachlorobiphenyl	121	39-142		%REC	1	3/25/2011 4:04:31 PM
Surr: Tetrachloro-m-xylene	104	38.7-136		%REC	1	3/25/2011 4:04:31 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/28/2011 4:23:17 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/28/2011 4:23:17 AM
Surr: DNOP	91.9	81.8-129		%REC	1	3/28/2011 4:23:17 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 11:56:56 AM
Surr: BFB	93.5	89.7-125		%REC	1	3/24/2011 11:56:56 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 11:56:56 AM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 11:56:56 AM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 11:56:56 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 11:56:56 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 11:56:56 AM
Surr: 4-Bromofluorobenzene	109	85.3-139		%REC	1	3/24/2011 11:56:56 AM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:18:49 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 9:08:28 AM
Barium	ND	100		mg/L	1	3/30/2011 9:08:28 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 9:08:28 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 9:08:28 AM
Lead	ND	5.0		mg/L	1	3/30/2011 9:08:28 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 9:08:28 AM
Silver	ND	5.0		mg/L	1	3/30/2011 9:08:28 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 10:13:54 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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW1
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:45:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-01	**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 10:13:54 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 10:13:54 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 10:13:54 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 10:13:54 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 10:13:54 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 10:13:54 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 10:13:54 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 10:13:54 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 10:13:54 PM
Surr: 2,4,6-Tribromophenol	43.9	21.6-121		%REC	1	3/25/2011 10:13:54 PM
Surr: 2-Fluorobiphenyl	69.7	36.3-107		%REC	1	3/25/2011 10:13:54 PM
Surr: 2-Fluorophenol	59.2	7.63-90		%REC	1	3/25/2011 10:13:54 PM
Surr: 4-Terphenyl-d14	77.6	39-110		%REC	1	3/25/2011 10:13:54 PM
Surr: Nitrobenzene-d5	70.8	36.9-110		%REC	1	3/25/2011 10:13:54 PM
Surr: Phenol-d5	48.9	13.3-67.7		%REC	1	3/25/2011 10:13:54 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	4/1/2011 5:03:59 AM
2-Butanone	ND	10		mg/L	1	4/1/2011 5:03:59 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	4/1/2011 5:03:59 AM
Chlorobenzene	ND	100		mg/L	1	4/1/2011 5:03:59 AM
Chloroform	ND	6.0		mg/L	1	4/1/2011 5:03:59 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	4/1/2011 5:03:59 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	4/1/2011 5:03:59 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	4/1/2011 5:03:59 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	4/1/2011 5:03:59 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	4/1/2011 5:03:59 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	4/1/2011 5:03:59 AM
Vinyl chloride	ND	0.20		mg/L	1	4/1/2011 5:03:59 AM
Surr: 1,2-Dichloroethane-d4	103	69.9-130		%REC	1	4/1/2011 5:03:59 AM
Surr: 4-Bromofluorobenzene	100	71.2-123		%REC	1	4/1/2011 5:03:59 AM
Surr: Dibromofluoromethane	105	73.9-134		%REC	1	4/1/2011 5:03:59 AM
Surr: Toluene-d8	105	81.9-122		%REC	1	4/1/2011 5:03:59 AM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	3/30/2011
2,4-D	ND	0.10		mg/L	1	3/30/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.4	0.10		pH Units	1	4/1/2011

Qualifiers:

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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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW1
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:45:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/29/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	4/5/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	4/5/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW2
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:48:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-02	**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 4:21:45 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 4:21:45 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 4:21:45 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 4:21:45 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 4:21:45 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 4:21:45 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 4:21:45 PM
Surr: Decachlorobiphenyl	74.1	39-142		%REC	1	3/25/2011 4:21:45 PM
Surr: Tetrachloro-m-xylene	52.6	38.7-136		%REC	1	3/25/2011 4:21:45 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/28/2011 4:57:25 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/28/2011 4:57:25 AM
Surr: DNOP	91.9	81.8-129		%REC	1	3/28/2011 4:57:25 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 12:25:51 PM
Surr: BFB	93.4	89.7-125		%REC	1	3/24/2011 12:25:51 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 12:25:51 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 12:25:51 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 12:25:51 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 12:25:51 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 12:25:51 PM
Surr: 4-Bromofluorobenzene	109	85.3-139		%REC	1	3/24/2011 12:25:51 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:20:39 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 9:20:27 AM
Barium	ND	100		mg/L	1	3/30/2011 9:20:27 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 9:20:27 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 9:20:27 AM
Lead	ND	5.0		mg/L	1	3/30/2011 9:20:27 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 9:20:27 AM
Silver	ND	5.0		mg/L	1	3/30/2011 9:20:27 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 10:42:52 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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW2
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:48:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-02	**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 10:42:52 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 10:42:52 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 10:42:52 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 10:42:52 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 10:42:52 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 10:42:52 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 10:42:52 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 10:42:52 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 10:42:52 PM
Surr: 2,4,6-Tribromophenol	50.0	21.6-121		%REC	1	3/25/2011 10:42:52 PM
Surr: 2-Fluorobiphenyl	76.5	36.3-107		%REC	1	3/25/2011 10:42:52 PM
Surr: 2-Fluorophenol	71.1	7.63-90		%REC	1	3/25/2011 10:42:52 PM
Surr: 4-Terphenyl-d14	130	39-110	S	%REC	1	3/25/2011 10:42:52 PM
Surr: Nitrobenzene-d5	87.3	36.9-110		%REC	1	3/25/2011 10:42:52 PM
Surr: Phenol-d5	50.5	13.3-67.7		%REC	1	3/25/2011 10:42:52 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	4/1/2011 6:30:13 AM
2-Butanone	ND	10		mg/L	1	4/1/2011 6:30:13 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	4/1/2011 6:30:13 AM
Chlorobenzene	ND	100		mg/L	1	4/1/2011 6:30:13 AM
Chloroform	ND	6.0		mg/L	1	4/1/2011 6:30:13 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	4/1/2011 6:30:13 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	4/1/2011 6:30:13 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	4/1/2011 6:30:13 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	4/1/2011 6:30:13 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	4/1/2011 6:30:13 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	4/1/2011 6:30:13 AM
Vinyl chloride	ND	0.20		mg/L	1	4/1/2011 6:30:13 AM
Surr: 1,2-Dichloroethane-d4	101	69.9-130		%REC	1	4/1/2011 6:30:13 AM
Surr: 4-Bromofluorobenzene	101	71.2-123		%REC	1	4/1/2011 6:30:13 AM
Surr: Dibromofluoromethane	101	73.9-134		%REC	1	4/1/2011 6:30:13 AM
Surr: Toluene-d8	109	81.9-122		%REC	1	4/1/2011 6:30:13 AM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	3/30/2011
2,4-D	ND	0.10		mg/L	1	3/30/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.1	0.10		pH Units	1	4/1/2011

Qualifiers:

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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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW2
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:48:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/29/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	4/5/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	4/5/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW3
Lab Order:	1103861	**Collection Date:**	3/22/2011 3:02:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-03	**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 4:39:00 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 4:39:00 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 4:39:00 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 4:39:00 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 4:39:00 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 4:39:00 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 4:39:00 PM
Surr: Decachlorobiphenyl	70.0	39-142		%REC	1	3/25/2011 4:39:00 PM
Surr: Tetrachloro-m-xylene	50.2	38.7-136		%REC	1	3/25/2011 4:39:00 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/28/2011 5:31:50 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/28/2011 5:31:50 AM
Surr: DNOP	98.6	81.8-129		%REC	1	3/28/2011 5:31:50 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 12:54:51 PM
Surr: BFB	96.3	89.7-125		%REC	1	3/24/2011 12:54:51 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 12:54:51 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 12:54:51 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 12:54:51 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 12:54:51 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 12:54:51 PM
Surr: 4-Bromofluorobenzene	111	85.3-139		%REC	1	3/24/2011 12:54:51 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:22:29 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 9:25:18 AM
Barium	ND	100		mg/L	1	3/30/2011 9:25:18 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 9:25:18 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 9:25:18 AM
Lead	ND	5.0		mg/L	1	3/30/2011 9:25:18 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 9:25:18 AM
Silver	ND	5.0		mg/L	1	3/30/2011 9:25:18 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 11:11:45 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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW3
Lab Order:	1103861	**Collection Date:**	3/22/2011 3:02:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-03	**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 11:11:45 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 11:11:45 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 11:11:45 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 11:11:45 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 11:11:45 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 11:11:45 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 11:11:45 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 11:11:45 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 11:11:45 PM
Surr: 2,4,6-Tribromophenol	58.8	21.6-121		%REC	1	3/25/2011 11:11:45 PM
Surr: 2-Fluorobiphenyl	86.3	36.3-107		%REC	1	3/25/2011 11:11:45 PM
Surr: 2-Fluorophenol	77.4	7.63-90		%REC	1	3/25/2011 11:11:45 PM
Surr: 4-Terphenyl-d14	109	39-110		%REC	1	3/25/2011 11:11:45 PM
Surr: Nitrobenzene-d5	90.9	36.9-110		%REC	1	3/25/2011 11:11:45 PM
Surr: Phenol-d5	55.3	13.3-67.7		%REC	1	3/25/2011 11:11:45 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	4/1/2011 6:58:57 AM
2-Butanone	ND	10		mg/L	1	4/1/2011 6:58:57 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	4/1/2011 6:58:57 AM
Chlorobenzene	ND	100		mg/L	1	4/1/2011 6:58:57 AM
Chloroform	ND	6.0		mg/L	1	4/1/2011 6:58:57 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	4/1/2011 6:58:57 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	4/1/2011 6:58:57 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	4/1/2011 6:58:57 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	4/1/2011 6:58:57 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	4/1/2011 6:58:57 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	4/1/2011 6:58:57 AM
Vinyl chloride	ND	0.20		mg/L	1	4/1/2011 6:58:57 AM
Surr: 1,2-Dichloroethane-d4	98.2	69.9-130		%REC	1	4/1/2011 6:58:57 AM
Surr: 4-Bromofluorobenzene	101	71.2-123		%REC	1	4/1/2011 6:58:57 AM
Surr: Dibromofluoromethane	101	73.9-134		%REC	1	4/1/2011 6:58:57 AM
Surr: Toluene-d8	105	81.9-122		%REC	1	4/1/2011 6:58:57 AM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	3/30/2011
2,4-D	ND	0.10		mg/L	1	3/30/2011
CORROSIVITY						Analyst: **ANTE**
pH	7.8	0.10		pH Units	1	4/1/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106064IDW3
Lab Order:	1103861	**Collection Date:**	3/22/2011 3:02:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/29/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	4/5/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	4/5/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106078IDW1
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:51:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-04	**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 12:38:07 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 12:38:07 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 12:38:07 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 12:38:07 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 12:38:07 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 12:38:07 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 12:38:07 PM
Surr: Decachlorobiphenyl	104	39-142		%REC	1	3/25/2011 12:38:07 PM
Surr: Tetrachloro-m-xylene	89.4	38.7-136		%REC	1	3/25/2011 12:38:07 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/28/2011 6:06:16 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/28/2011 6:06:16 AM
Surr: DNOP	100	81.8-129		%REC	1	3/28/2011 6:06:16 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 1:23:52 PM
Surr: BFB	93.3	89.7-125		%REC	1	3/24/2011 1:23:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 1:23:52 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 1:23:52 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 1:23:52 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 1:23:52 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 1:23:52 PM
Surr: 4-Bromofluorobenzene	108	85.3-139		%REC	1	3/24/2011 1:23:52 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:24:19 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 9:30:07 AM
Barium	ND	100		mg/L	1	3/30/2011 9:30:07 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 9:30:07 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 9:30:07 AM
Lead	ND	5.0		mg/L	1	3/30/2011 9:30:07 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 9:30:07 AM
Silver	ND	5.0		mg/L	1	3/30/2011 9:30:07 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 11:40:37 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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106078IDW1
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:51:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-04	**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 11:40:37 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 11:40:37 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 11:40:37 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 11:40:37 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 11:40:37 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 11:40:37 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 11:40:37 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 11:40:37 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 11:40:37 PM
Surr: 2,4,6-Tribromophenol	62.6	21.6-121		%REC	1	3/25/2011 11:40:37 PM
Surr: 2-Fluorobiphenyl	91.7	36.3-107		%REC	1	3/25/2011 11:40:37 PM
Surr: 2-Fluorophenol	74.9	7.63-90		%REC	1	3/25/2011 11:40:37 PM
Surr: 4-Terphenyl-d14	111	39-110	S	%REC	1	3/25/2011 11:40:37 PM
Surr: Nitrobenzene-d5	90.6	36.9-110		%REC	1	3/25/2011 11:40:37 PM
Surr: Phenol-d5	57.8	13.3-67.7		%REC	1	3/25/2011 11:40:37 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	4/2/2011 5:42:47 AM
2-Butanone	ND	10		mg/L	1	4/2/2011 5:42:47 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	4/2/2011 5:42:47 AM
Chlorobenzene	ND	100		mg/L	1	4/2/2011 5:42:47 AM
Chloroform	ND	6.0		mg/L	1	4/2/2011 5:42:47 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	4/2/2011 5:42:47 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	4/2/2011 5:42:47 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	4/2/2011 5:42:47 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	4/2/2011 5:42:47 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	4/2/2011 5:42:47 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	4/2/2011 5:42:47 AM
Vinyl chloride	ND	0.20		mg/L	1	4/2/2011 5:42:47 AM
Surr: 1,2-Dichloroethane-d4	91.7	69.9-130		%REC	1	4/2/2011 5:42:47 AM
Surr: 4-Bromofluorobenzene	103	71.2-123		%REC	1	4/2/2011 5:42:47 AM
Surr: Dibromofluoromethane	95.4	73.9-134		%REC	1	4/2/2011 5:42:47 AM
Surr: Toluene-d8	103	81.9-122		%REC	1	4/2/2011 5:42:47 AM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	3/30/2011
2,4-D	ND	0.10		mg/L	1	3/30/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.1	0.10		pH Units	1	4/1/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106078IDW1
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:51:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-04	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/29/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	4/5/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	4/5/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106078IDW2
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:54:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-05	**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 4:56:11 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 4:56:11 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 4:56:11 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 4:56:11 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 4:56:11 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 4:56:11 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 4:56:11 PM
Surr: Decachlorobiphenyl	105	39-142		%REC	1	3/25/2011 4:56:11 PM
Surr: Tetrachloro-m-xylene	82.4	38.7-136		%REC	1	3/25/2011 4:56:11 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/28/2011 6:40:25 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/28/2011 6:40:25 AM
Surr: DNOP	96.9	81.8-129		%REC	1	3/28/2011 6:40:25 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 1:52:53 PM
Surr: BFB	93.1	89.7-125		%REC	1	3/24/2011 1:52:53 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 1:52:53 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 1:52:53 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 1:52:53 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 1:52:53 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 1:52:53 PM
Surr: 4-Bromofluorobenzene	109	85.3-139		%REC	1	3/24/2011 1:52:53 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:26:10 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 9:34:56 AM
Barium	ND	100		mg/L	1	3/30/2011 9:34:56 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 9:34:56 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 9:34:56 AM
Lead	ND	5.0		mg/L	1	3/30/2011 9:34:56 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 9:34:56 AM
Silver	ND	5.0		mg/L	1	3/30/2011 9:34:56 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/26/2011 12:09:29 AM

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106078IDW2
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:54:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	3/26/2011 12:09:29 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/26/2011 12:09:29 AM
Hexachloroethane	ND	3.0		mg/L	1	3/26/2011 12:09:29 AM
Nitrobenzene	ND	2.0		mg/L	1	3/26/2011 12:09:29 AM
Pentachlorophenol	ND	100		mg/L	1	3/26/2011 12:09:29 AM
Pyridine	ND	5.0		mg/L	1	3/26/2011 12:09:29 AM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/26/2011 12:09:29 AM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/26/2011 12:09:29 AM
Cresols, Total	ND	200		mg/L	1	3/26/2011 12:09:29 AM
Surr: 2,4,6-Tribromophenol	31.9	21.6-121		%REC	1	3/26/2011 12:09:29 AM
Surr: 2-Fluorobiphenyl	43.1	36.3-107		%REC	1	3/26/2011 12:09:29 AM
Surr: 2-Fluorophenol	33.9	7.63-90		%REC	1	3/26/2011 12:09:29 AM
Surr: 4-Terphenyl-d14	58.6	39-110		%REC	1	3/26/2011 12:09:29 AM
Surr: Nitrobenzene-d5	42.0	36.9-110		%REC	1	3/26/2011 12:09:29 AM
Surr: Phenol-d5	27.6	13.3-67.7		%REC	1	3/26/2011 12:09:29 AM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	4/1/2011 1:39:07 PM
2-Butanone	ND	10		mg/L	1	4/1/2011 1:39:07 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	4/1/2011 1:39:07 PM
Chlorobenzene	ND	100		mg/L	1	4/1/2011 1:39:07 PM
Chloroform	ND	6.0		mg/L	1	4/1/2011 1:39:07 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	4/1/2011 1:39:07 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	4/1/2011 1:39:07 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	4/1/2011 1:39:07 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	4/1/2011 1:39:07 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	4/1/2011 1:39:07 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	4/1/2011 1:39:07 PM
Vinyl chloride	ND	0.20		mg/L	1	4/1/2011 1:39:07 PM
Surr: 1,2-Dichloroethane-d4	97.5	69.9-130		%REC	1	4/1/2011 1:39:07 PM
Surr: 4-Bromofluorobenzene	105	71.2-123		%REC	1	4/1/2011 1:39:07 PM
Surr: Dibromofluoromethane	97.3	73.9-134		%REC	1	4/1/2011 1:39:07 PM
Surr: Toluene-d8	103	81.9-122		%REC	1	4/1/2011 1:39:07 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	3/30/2011
2,4-D	ND	0.10		mg/L	1	3/30/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.2	0.10		pH Units	1	4/1/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106078IDW2
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:54:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/29/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	4/5/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	4/5/2011

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106061IDW4
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:57:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-06	**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 12:55:22 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 12:55:22 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 12:55:22 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 12:55:22 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 12:55:22 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 12:55:22 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 12:55:22 PM
Surr: Decachlorobiphenyl	59.5	39-142		%REC	1	3/25/2011 12:55:22 PM
Surr: Tetrachloro-m-xylene	45.6	38.7-136		%REC	1	3/25/2011 12:55:22 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/28/2011 7:14:48 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/28/2011 7:14:48 AM
Surr: DNOP	96.0	81.8-129		%REC	1	3/28/2011 7:14:48 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 2:21:52 PM
Surr: BFB	91.8	89.7-125		%REC	1	3/24/2011 2:21:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 2:21:52 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 2:21:52 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 2:21:52 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 2:21:52 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 2:21:52 PM
Surr: 4-Bromofluorobenzene	107	85.3-139		%REC	1	3/24/2011 2:21:52 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:27:54 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 9:39:45 AM
Barium	ND	100		mg/L	1	3/30/2011 9:39:45 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 9:39:45 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 9:39:45 AM
Lead	ND	5.0		mg/L	1	3/30/2011 9:39:45 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 9:39:45 AM
Silver	ND	5.0		mg/L	1	3/30/2011 9:39:45 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/26/2011 12:38:17 AM

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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106061IDW4
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:57:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-06	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	3/26/2011 12:38:17 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/26/2011 12:38:17 AM
Hexachloroethane	ND	3.0		mg/L	1	3/26/2011 12:38:17 AM
Nitrobenzene	ND	2.0		mg/L	1	3/26/2011 12:38:17 AM
Pentachlorophenol	ND	100		mg/L	1	3/26/2011 12:38:17 AM
Pyridine	ND	5.0		mg/L	1	3/26/2011 12:38:17 AM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/26/2011 12:38:17 AM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/26/2011 12:38:17 AM
Cresols, Total	ND	200		mg/L	1	3/26/2011 12:38:17 AM
Surr: 2,4,6-Tribromophenol	60.2	21.6-121		%REC	1	3/26/2011 12:38:17 AM
Surr: 2-Fluorobiphenyl	79.9	36.3-107		%REC	1	3/26/2011 12:38:17 AM
Surr: 2-Fluorophenol	67.1	7.63-90		%REC	1	3/26/2011 12:38:17 AM
Surr: 4-Terphenyl-d14	107	39-110		%REC	1	3/26/2011 12:38:17 AM
Surr: Nitrobenzene-d5	84.0	36.9-110		%REC	1	3/26/2011 12:38:17 AM
Surr: Phenol-d5	49.8	13.3-67.7		%REC	1	3/26/2011 12:38:17 AM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	4/1/2011 3:10:41 PM
2-Butanone	ND	10		mg/L	1	4/1/2011 3:10:41 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	4/1/2011 3:10:41 PM
Chlorobenzene	ND	100		mg/L	1	4/1/2011 3:10:41 PM
Chloroform	ND	6.0		mg/L	1	4/1/2011 3:10:41 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	4/1/2011 3:10:41 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	4/1/2011 3:10:41 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	4/1/2011 3:10:41 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	4/1/2011 3:10:41 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	4/1/2011 3:10:41 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	4/1/2011 3:10:41 PM
Vinyl chloride	ND	0.20		mg/L	1	4/1/2011 3:10:41 PM
Surr: 1,2-Dichloroethane-d4	98.0	69.9-130		%REC	1	4/1/2011 3:10:41 PM
Surr: 4-Bromofluorobenzene	105	71.2-123		%REC	1	4/1/2011 3:10:41 PM
Surr: Dibromofluoromethane	101	73.9-134		%REC	1	4/1/2011 3:10:41 PM
Surr: Toluene-d8	98.0	81.9-122		%REC	1	4/1/2011 3:10:41 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	3/30/2011
2,4-D	ND	0.10		mg/L	1	3/30/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.2	0.10		pH Units	1	4/1/2011

Qualifiers:

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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: *07-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106061IDW4
Lab Order:	1103861	**Collection Date:**	3/22/2011 2:57:00 PM
Project:	KAFB BFF	**Date Received:**	3/22/2011
Lab ID:	1103861-06	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/29/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	4/5/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	4/5/2011

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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103861

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-26098		*MBLK*				Batch ID:	**26098**	Analysis Date:		3/25/2011 9:44:45 AM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-26098		*LCS*				Batch ID:	**26098**	Analysis Date:		3/25/2011 10:19:07 AM	
Diesel Range Organics (DRO)	49.83	mg/Kg	10	50	0	99.7	66.2	120			
Sample ID: LCSD-26098		*LCSD*				Batch ID:	**26098**	Analysis Date:		3/25/2011 10:53:14 AM	
Diesel Range Organics (DRO)	51.17	mg/Kg	10	50	0	102	66.2	120	2.66	14.3	
Method: EPA Method 8015B: Gasoline Range											
Sample ID: MB-26080		*MBLK*				Batch ID:	**26080**	Analysis Date:		3/24/2011 7:11:39 PM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-26080		*LCS*				Batch ID:	**26080**	Analysis Date:		3/24/2011 5:15:44 PM	
Gasoline Range Organics (GRO)	28.99	mg/Kg	5.0	25	0	116	88.8	124			
Method: EPA Method 8021B: Volatiles											
Sample ID: 1103861-01AMSD		*MSD*				Batch ID:	**26080**	Analysis Date:		3/24/2011 6:13:42 PM	
Methyl tert-butyl ether (MTBE)	0.7808	mg/Kg	0.10	1	0	78.1	61.3	215	3.38	19.6	
Benzene	0.8272	mg/Kg	0.050	1	0.0119	81.5	67.2	113	4.45	14.3	
Toluene	0.9525	mg/Kg	0.050	1	0	95.2	62.1	116	0.701	15.9	
Ethylbenzene	0.9880	mg/Kg	0.050	1	0	98.8	67.9	127	1.18	14.4	
Xylenes, Total	3.036	mg/Kg	0.10	3	0	101	60.6	134	2.24	12.6	
Sample ID: MB-26080		*MBLK*				Batch ID:	**26080**	Analysis Date:		3/24/2011 7:11:39 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-26080		*LCS*				Batch ID:	**26080**	Analysis Date:		3/24/2011 6:42:42 PM	
Methyl tert-butyl ether (MTBE)	0.7695	mg/Kg	0.10	1	0	76.9	65.5	229			
Benzene	0.8059	mg/Kg	0.050	1	0.0122	79.4	83.3	107			S
Toluene	0.9208	mg/Kg	0.050	1	0.0054	91.5	74.3	115			
Ethylbenzene	0.9720	mg/Kg	0.050	1	0.0078	96.4	80.9	122			
Xylenes, Total	2.919	mg/Kg	0.10	3	0	97.3	85.2	123			
Sample ID: 1103861-01AMS		*MS*				Batch ID:	**26080**	Analysis Date:		3/24/2011 5:44:45 PM	
Methyl tert-butyl ether (MTBE)	0.7549	mg/Kg	0.10	1	0	75.5	61.3	215			
Benzene	0.7911	mg/Kg	0.050	1	0.0119	77.9	67.2	113			
Toluene	0.9458	mg/Kg	0.050	1	0	94.6	62.1	116			
Ethylbenzene	0.9998	mg/Kg	0.050	1	0	100	67.9	127			
Xylenes, Total	3.105	mg/Kg	0.10	3	0	103	60.6	134			

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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103861

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-R44550		*MBLK*				Batch ID:	**R44550**	Analysis Date:	3/30/2011		
2,4,5-TP (Silvex)	ND	mg/L	0.10								
2,4-D	ND	mg/L	0.10								
Sample ID: LCS-R44550		*LCS*				Batch ID:	**R44550**	Analysis Date:	3/30/2011		
2,4,5-TP (Silvex)	0.002280	mg/L	0.0010	0.003	0	91.2	50	150			
2,4-D	0.009230	mg/L	0.0010	0.01	0	92.3	50	150			

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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103861

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: Volatiles by 8260B/1311											
Sample ID: 1103861-01BMSD		*MSD*				Batch ID:	**26091**	Analysis Date:		4/1/2011 6:01:24 AM	
Benzene	0.4342	mg/L	0.010	0.4	0	109	51.1	171	4.39	0	
Chlorobenzene	0.3743	mg/L	0.010	0.4	0.0051	92.3	36.1	191	3.14	0	
1,1-Dichloroethene	0.4519	mg/L	0.010	0.4	0	113	49.1	162	3.22	0	
Trichloroethene (TCE)	0.3605	mg/L	0.010	0.4	0	90.1	41.2	166	6.77	0	
Sample ID: 1103861-05B MSD		*MSD*				Batch ID:	**26111**	Analysis Date:		4/1/2011 2:42:30 PM	
Benzene	0.4067	mg/L	0.010	0.4	0	102	51.1	171	8.43	0	
Chlorobenzene	0.3826	mg/L	0.010	0.4	0.005	94.4	36.1	191	3.09	0	
1,1-Dichloroethene	0.4364	mg/L	0.010	0.4	0	109	49.1	162	1.83	0	
Trichloroethene (TCE)	0.3606	mg/L	0.010	0.4	0	90.2	41.2	166	1.34	0	
Sample ID: mb-26091		*MBLK*				Batch ID:	**26091**	Analysis Date:		4/1/2011 4:06:25 AM	
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: mb-26111		*MBLK*				Batch ID:	**26111**	Analysis Date:		4/1/2011 12:42:25 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-26091		*LCS*				Batch ID:	**26091**	Analysis Date:		4/1/2011 4:35:14 AM	
Benzene	0.4349	mg/L	0.010	0.4	0	109	51.1	171			
Chlorobenzene	0.3836	mg/L	0.010	0.4	0.0049	94.7	36.1	191			
1,1-Dichloroethene	0.4444	mg/L	0.010	0.4	0	111	49.1	162			
Trichloroethene (TCE)	0.3509	mg/L	0.010	0.4	0	87.7	41.2	166			
Sample ID: lcs-26111		*LCS*				Batch ID:	**26111**	Analysis Date:		4/1/2011 1:10:51 PM	
Benzene	0.3979	mg/L	0.010	0.4	0	99.5	51.1	171			
Chlorobenzene	0.3856	mg/L	0.010	0.4	0	96.4	36.1	191			

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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF
Work Order: 1103861

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: Volatiles by 8260B/1311											
Sample ID: lcs-26111		*LCS*				Batch ID:	**26111**	Analysis Date:	4/1/2011 1:10:51 PM		
1,1-Dichloroethene	0.4533	mg/L	0.010	0.4	0	113	49.1	162			
Trichloroethene (TCE)	0.3579	mg/L	0.010	0.4	0	89.5	41.2	166			
Sample ID: 1103861-01BMS		*MS*				Batch ID:	**26091**	Analysis Date:	4/1/2011 5:32:37 AM		
Benzene	0.4536	mg/L	0.010	0.4	0	113	51.1	171			
Chlorobenzene	0.3863	mg/L	0.010	0.4	0.0051	95.3	36.1	191			
1,1-Dichloroethene	0.4667	mg/L	0.010	0.4	0	117	49.1	162			
Trichloroethene (TCE)	0.3858	mg/L	0.010	0.4	0	96.4	41.2	166			
Sample ID: 1103861-05B MS		*MS*				Batch ID:	**26111**	Analysis Date:	4/1/2011 2:07:21 PM		
Benzene	0.3738	mg/L	0.010	0.4	0	93.5	51.1	171			
Chlorobenzene	0.3710	mg/L	0.010	0.4	0.005	91.5	36.1	191			
1,1-Dichloroethene	0.4285	mg/L	0.010	0.4	0	107	49.1	162			
Trichloroethene (TCE)	0.3558	mg/L	0.010	0.4	0	89.0	41.2	166			
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			

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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103861

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 6010B: TCLP Metals											
Sample ID: MB-26154		*MBLK*				Batch ID:	**26154**	Analysis Date:	3/30/2011 7:43:10 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: Fluid #2		*MBLK*				Batch ID:	**26154**	Analysis Date:	3/30/2011 7:48:00 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-26154		*LCS*				Batch ID:	**26154**	Analysis Date:	3/30/2011 7:45:35 AM		
Arsenic	ND	mg/L	5.0	0.5	0	112	80	120			
Barium	ND	mg/L	100	0.5	0	97.9	80	120			
Cadmium	ND	mg/L	1.0	0.5	0	105	80	120			
Chromium	ND	mg/L	5.0	0.5	0.0017	100	80	120			
Lead	ND	mg/L	5.0	0.5	0	96.7	80	120			
Selenium	ND	mg/L	1.0	0.5	0	117	80	120			
Silver	ND	mg/L	5.0	0.5	0.0012	106	80	120			
Method: CYANIDE, Reactive											
Sample ID: MB-R44550		*MBLK*				Batch ID:	**R44550**	Analysis Date:	4/5/2011		
Reactive Cyanide	ND	mg/Kg	10								
Sample ID: LCS-R44550		*LCS*				Batch ID:	**R44550**	Analysis Date:	4/5/2011		
Reactive Cyanide	0.4960	mg/Kg	0.10	0.5	0	99.2	70	130			
Method: SULFIDE, Reactive											
Sample ID: MB-R44550		*MBLK*				Batch ID:	**R44550**	Analysis Date:	4/5/2011		
Reactive Sulfide	ND	mg/Kg	10								
Sample ID: LCS-R44550		*LCS*				Batch ID:	**R44550**	Analysis Date:	4/5/2011		
Reactive Sulfide	0.1600	mg/Kg	0.10	0.2	0	80.0	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: 3/22/2011

Work Order Number 1103861

Received by: LNM

Sample ID labels checked by: Initials

Checklist completed by: Signature 03/22/11 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?	**21.3°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

21.3°

Shaw™ Shaw E & I

CHAIN OF CUSTODY

Ref. Document # 140705 - IDW030

Page 1 of 2

Project Number: 140705
Project Name / Location: KAFB BFF
Purchase Order #: 654194

Project Contact: Pamela Moss (Name & phone #)

Send Report To: Pamela Moss
Phone/Fax Number: 720-554-8252
Address: pamela.moss@shawgrp.com
City:

Shipment Date: 3/22/11
Waybill/Airbill Number: N/A
Lab Destination: Hall Environ
Lab Contact Name / ph. #: Hall Environ

1103861

Sampler's Name(s): Kimberly Jones

	Sample ID Number	Sample Description	Collection Information Date	Time	G/C	Matrix	# of containers	Container type	Preservative HCL	NaOH	HNO_3	H_2SO_4	Ice	None	Analyses Requested: Full TCLP / RCI	BTEX / TPHG / TPHD								Turn Around Time Requested
-1	106064IDW1	Rolloff - Drill Cuttings	3/22/11	1445	C	SOL	3	8 oz.						X	X									10 d
-1-7	"	"	3/22/11	1445	C	SOL	1	4 oz.						X		X								10 d
-2	106064IDW2	Rolloff - Drill Cuttings	3/22/11	1448	C	SOL	3	8 oz.						X	X									10 d
-2	"	"	3/22/11	1448	C	SOL	1	4 oz.						X		X								10 d
-3	106064IDW3	Rolloff - Drill Cuttings	3/22/11	1502	C	SOL	3	8 oz.						X	X									10 d
-3	"	"	3/22/11	1502	C	SOL	1	4 oz						X		X								10 d
-4	106078IDW1	Rolloff - Drill Cuttings	3/22/11	1451	C	SOL	3	8 oz.						X	X									10 d
-4	"	"	3/22/11	1451	C	SOL	1	4 oz.						X		X								10 d
-5	106078IDW2	Rolloff - Drill Cuttings	3/22/11	1454	C	SOL	3	8 oz.						X	X									10 d
-5	"	"	3/22/11	1454	C	SOL	1	4 oz.						X		X								10 d

Special Instructions:
10 day TAT, 6 Rolloffs

QC/Data Package Level Required: I II III IV/Project Specific:

Relinquished By	Date	Time	Received By	Date	Time
Kimberly Jones Kimberly Jones	3/22/11	1552	Richard Barr	3/22/11	1552
				3/22/11	1635

G/C Codes
C = Composite G = Grab

Matrix Codes
DW = Drinking Water SO = Soil
GW = Ground Water SL = Sludge
WW = Waste Water CP = Chip Samples
SW = Surface Water WP = Wipe Samples
LIQ = Other Liquid SOL = Other Solid
AS = Air Sample SED = Sediment

Shaw® Shaw E & I

FS003.1_0

Form 3. Shaw E & I COC Continuation Page

COC Ref. Document # 140705 - IDW030 Page 2 of 2

Project Number: 140705 Shipment Date: 3/22/11

Project Name / Location: KAFB BFF

1103861

	Sample ID Number	Sample Description	Collection Information Date	Time	G/C	Matrix	# of containers	Container type	Preservative HCL	NaOH	HNO_3	H_2SO_4	Ice	None	Analyses Requested: Full TCLP / RCI	BTEX / TPHG / TPHD									Turn Around Time Requested
-6	106061IDW4	Rolloff - Drill Cuttings	3/22/11	1457	C	SOL	3	8 oz.						X	X										10d
-6	"	"	3/22/11	1457	C	SOL	1	4 oz.						X		X									10d