HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, April 05, 2011

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

TEL: (720) 554-8252
FAX

RE: KAFB BFF

Order No.: 1103802

Dear Pamela Moss:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 3/21/2011 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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106061IDW3
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:06:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-01	**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 3:30:11 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 3:30:11 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 3:30:11 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 3:30:11 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 3:30:11 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 3:30:11 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 3:30:11 PM
Surr: Decachlorobiphenyl	75.8	39-142		%REC	1	3/25/2011 3:30:11 PM
Surr: Tetrachloro-m-xylene	54.1	38.7-136		%REC	1	3/25/2011 3:30:11 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	19	10		mg/Kg	1	3/23/2011 12:27:26 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/23/2011 12:27:26 PM
Surr: DNOP	104	81.8-129		%REC	1	3/23/2011 12:27:26 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 2:49:52 PM
Surr: BFB	103	89.7-125		%REC	1	3/24/2011 2:49:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 2:49:52 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 2:49:52 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 2:49:52 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 2:49:52 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 2:49:52 PM
Surr: 4-Bromofluorobenzene	115	85.3-139		%REC	1	3/24/2011 2:49:52 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:02:33 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 8:53:56 AM
Barium	ND	100		mg/L	1	3/30/2011 8:53:56 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 8:53:56 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 8:53:56 AM
Lead	ND	5.0		mg/L	1	3/30/2011 8:53:56 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 8:53:56 AM
Silver	ND	5.0		mg/L	1	3/30/2011 8:53:56 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 8:46:38 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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106061IDW3
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:06:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-01	**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 8:46:38 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 8:46:38 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 8:46:38 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 8:46:38 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 8:46:38 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 8:46:38 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 8:46:38 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 8:46:38 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 8:46:38 PM
Surr: 2,4,6-Tribromophenol	58.2	21.6-121		%REC	1	3/25/2011 8:46:38 PM
Surr: 2-Fluorobiphenyl	61.4	36.3-107		%REC	1	3/25/2011 8:46:38 PM
Surr: 2-Fluorophenol	49.4	7.63-90		%REC	1	3/25/2011 8:46:38 PM
Surr: 4-Terphenyl-d14	68.3	39-110		%REC	1	3/25/2011 8:46:38 PM
Surr: Nitrobenzene-d5	68.7	36.9-110		%REC	1	3/25/2011 8:46:38 PM
Surr: Phenol-d5	41.4	13.3-67.7		%REC	1	3/25/2011 8:46:38 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	3/24/2011 4:21:39 AM
2-Butanone	ND	10		mg/L	1	3/24/2011 4:21:39 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	3/24/2011 4:21:39 AM
Chlorobenzene	ND	100		mg/L	1	3/24/2011 4:21:39 AM
Chloroform	ND	6.0		mg/L	1	3/24/2011 4:21:39 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	3/24/2011 4:21:39 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	3/24/2011 4:21:39 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	3/24/2011 4:21:39 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/24/2011 4:21:39 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	3/24/2011 4:21:39 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	3/24/2011 4:21:39 AM
Vinyl chloride	ND	0.20		mg/L	1	3/24/2011 4:21:39 AM
Surr: 1,2-Dichloroethane-d4	89.2	69.9-130		%REC	1	3/24/2011 4:21:39 AM
Surr: 4-Bromofluorobenzene	92.9	71.2-123		%REC	1	3/24/2011 4:21:39 AM
Surr: Dibromofluoromethane	134	73.9-134		%REC	1	3/24/2011 4:21:39 AM
Surr: Toluene-d8	93.2	81.9-122		%REC	1	3/24/2011 4:21:39 AM
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	8.4	0.10		pH Units	1	3/24/2011

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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106061IDW3
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:06:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/23/2011
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:

*	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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106079IDW2
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:02:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-02	**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 3:47:21 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 3:47:21 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 3:47:21 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 3:47:21 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 3:47:21 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 3:47:21 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 3:47:21 PM
Surr: Decachlorobiphenyl	96.5	39-142		%REC	1	3/25/2011 3:47:21 PM
Surr: Tetrachloro-m-xylene	73.1	38.7-136		%REC	1	3/25/2011 3:47:21 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/23/2011 1:01:33 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/23/2011 1:01:33 PM
Surr: DNOP	107	81.8-129		%REC	1	3/23/2011 1:01:33 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 3:19:52 PM
Surr: BFB	101	89.7-125		%REC	1	3/24/2011 3:19:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 3:19:52 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 3:19:52 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 3:19:52 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 3:19:52 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 3:19:52 PM
Surr: 4-Bromofluorobenzene	112	85.3-139		%REC	1	3/24/2011 3:19:52 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:07:54 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 8:58:46 AM
Barium	ND	100		mg/L	1	3/30/2011 8:58:46 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 8:58:46 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 8:58:46 AM
Lead	ND	5.0		mg/L	1	3/30/2011 8:58:46 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 8:58:46 AM
Silver	ND	5.0		mg/L	1	3/30/2011 8:58:46 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 9:15:47 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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106079IDW2
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:02:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-02	**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 9:15:47 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 9:15:47 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 9:15:47 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 9:15:47 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 9:15:47 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 9:15:47 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 9:15:47 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 9:15:47 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 9:15:47 PM
Surr: 2,4,6-Tribromophenol	65.5	21.6-121		%REC	1	3/25/2011 9:15:47 PM
Surr: 2-Fluorobiphenyl	69.0	36.3-107		%REC	1	3/25/2011 9:15:47 PM
Surr: 2-Fluorophenol	55.6	7.63-90		%REC	1	3/25/2011 9:15:47 PM
Surr: 4-Terphenyl-d14	77.2	39-110		%REC	1	3/25/2011 9:15:47 PM
Surr: Nitrobenzene-d5	76.4	36.9-110		%REC	1	3/25/2011 9:15:47 PM
Surr: Phenol-d5	41.6	13.3-67.7		%REC	1	3/25/2011 9:15:47 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	3/24/2011 5:45:56 AM
2-Butanone	ND	10		mg/L	1	3/24/2011 5:45:56 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	3/24/2011 5:45:56 AM
Chlorobenzene	ND	100		mg/L	1	3/24/2011 5:45:56 AM
Chloroform	ND	6.0		mg/L	1	3/24/2011 5:45:56 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	3/24/2011 5:45:56 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	3/24/2011 5:45:56 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	3/24/2011 5:45:56 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/24/2011 5:45:56 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	3/24/2011 5:45:56 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	3/24/2011 5:45:56 AM
Vinyl chloride	ND	0.20		mg/L	1	3/24/2011 5:45:56 AM
Surr: 1,2-Dichloroethane-d4	89.1	69.9-130		%REC	1	3/24/2011 5:45:56 AM
Surr: 4-Bromofluorobenzene	99.4	71.2-123		%REC	1	3/24/2011 5:45:56 AM
Surr: Dibromofluoromethane	135	73.9-134	S	%REC	1	3/24/2011 5:45:56 AM
Surr: Toluene-d8	97.5	81.9-122		%REC	1	3/24/2011 5:45:56 AM
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	8.3	0.10		pH Units	1	3/24/2011

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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106079IDW2
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:02:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/23/2011
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:

*	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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106079IDW3
Lab Order:	1103802	**Collection Date:**	3/21/2011 1:58:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-03	**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 12:20:57 PM
Endrin	ND	0.020		mg/L	1	3/25/2011 12:20:57 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	3/25/2011 12:20:57 PM
Heptachlor	ND	0.0080		mg/L	1	3/25/2011 12:20:57 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	3/25/2011 12:20:57 PM
Methoxychlor	ND	10		mg/L	1	3/25/2011 12:20:57 PM
Toxaphene	ND	0.50		mg/L	1	3/25/2011 12:20:57 PM
Surr: Decachlorobiphenyl	73.2	39-142		%REC	1	3/25/2011 12:20:57 PM
Surr: Tetrachloro-m-xylene	58.8	38.7-136		%REC	1	3/25/2011 12:20:57 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/23/2011 1:35:43 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/23/2011 1:35:43 PM
Surr: DNOP	106	81.8-129		%REC	1	3/23/2011 1:35:43 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/24/2011 3:49:40 PM
Surr: BFB	101	89.7-125		%REC	1	3/24/2011 3:49:40 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/24/2011 3:49:40 PM
Benzene	ND	0.050		mg/Kg	1	3/24/2011 3:49:40 PM
Toluene	ND	0.050		mg/Kg	1	3/24/2011 3:49:40 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/24/2011 3:49:40 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/24/2011 3:49:40 PM
Surr: 4-Bromofluorobenzene	111	85.3-139		%REC	1	3/24/2011 3:49:40 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	4/1/2011 12:09:42 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	3/30/2011 9:03:35 AM
Barium	ND	100		mg/L	5	3/30/2011 9:06:01 AM
Cadmium	ND	1.0		mg/L	1	3/30/2011 9:03:35 AM
Chromium	ND	5.0		mg/L	1	3/30/2011 9:03:35 AM
Lead	ND	5.0		mg/L	1	3/30/2011 9:03:35 AM
Selenium	ND	1.0		mg/L	1	3/30/2011 9:03:35 AM
Silver	ND	5.0		mg/L	1	3/30/2011 9:03:35 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/25/2011 9:44:52 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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106079IDW3
Lab Order:	1103802	**Collection Date:**	3/21/2011 1:58:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-03	**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 9:44:52 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/25/2011 9:44:52 PM
Hexachloroethane	ND	3.0		mg/L	1	3/25/2011 9:44:52 PM
Nitrobenzene	ND	2.0		mg/L	1	3/25/2011 9:44:52 PM
Pentachlorophenol	ND	100		mg/L	1	3/25/2011 9:44:52 PM
Pyridine	ND	5.0		mg/L	1	3/25/2011 9:44:52 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/25/2011 9:44:52 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/25/2011 9:44:52 PM
Cresols, Total	ND	200		mg/L	1	3/25/2011 9:44:52 PM
Surr: 2,4,6-Tribromophenol	61.3	21.6-121		%REC	1	3/25/2011 9:44:52 PM
Surr: 2-Fluorobiphenyl	70.6	36.3-107		%REC	1	3/25/2011 9:44:52 PM
Surr: 2-Fluorophenol	66.5	7.63-90		%REC	1	3/25/2011 9:44:52 PM
Surr: 4-Terphenyl-d14	83.9	39-110		%REC	1	3/25/2011 9:44:52 PM
Surr: Nitrobenzene-d5	80.3	36.9-110		%REC	1	3/25/2011 9:44:52 PM
Surr: Phenol-d5	49.5	13.3-67.7		%REC	1	3/25/2011 9:44:52 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	3/24/2011 6:14:03 AM
2-Butanone	ND	10		mg/L	1	3/24/2011 6:14:03 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	3/24/2011 6:14:03 AM
Chlorobenzene	ND	100		mg/L	1	3/24/2011 6:14:03 AM
Chloroform	ND	6.0		mg/L	1	3/24/2011 6:14:03 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	3/24/2011 6:14:03 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	3/24/2011 6:14:03 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	3/24/2011 6:14:03 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/24/2011 6:14:03 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	3/24/2011 6:14:03 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	3/24/2011 6:14:03 AM
Vinyl chloride	ND	0.20		mg/L	1	3/24/2011 6:14:03 AM
Surr: 1,2-Dichloroethane-d4	91.4	69.9-130		%REC	1	3/24/2011 6:14:03 AM
Surr: 4-Bromofluorobenzene	98.7	71.2-123		%REC	1	3/24/2011 6:14:03 AM
Surr: Dibromofluoromethane	134	73.9-134		%REC	1	3/24/2011 6:14:03 AM
Surr: Toluene-d8	95.9	81.9-122		%REC	1	3/24/2011 6:14:03 AM
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	8.3	0.10		pH Units	1	3/24/2011

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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106079IDW3
Lab Order:	1103802	**Collection Date:**	3/21/2011 1:58:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY METHOD 1010						Analyst: **ANTE**
Ignitability	Negative			°F	1	3/23/2011
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:

*	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: *05-Apr-11*

CLIENT: Shaw Environmental, Inc.
Lab Order: 1103802
Project: KAFB BFF
Lab ID: 1103802-04

Client Sample ID: 106101WW2
Collection Date: 3/21/2011 2:30:00 PM
Date Received: 3/21/2011
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	3/22/2011 7:07:27 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	3/22/2011 7:07:27 PM
Surr: DNOP	125	86.9-151		%REC	1	3/22/2011 7:07:27 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	3/23/2011 10:34:21 PM
Surr: BFB	92.1	79.4-132		%REC	1	3/23/2011 10:34:21 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **RAGS**
Lead	ND	0.0050		mg/L	1	3/30/2011 12:26:16 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Acenaphthylene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Aniline	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Anthracene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Azobenzene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Benz(a)anthracene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Benzo(a)pyrene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Benzoic acid	ND	20		µg/L	1	4/4/2011 5:25:13 PM
Benzyl alcohol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Bis(2-ethylhexyl)phthalate	12	10		µg/L	1	4/4/2011 5:25:13 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Butyl benzyl phthalate	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Carbazole	ND	10		µg/L	1	4/4/2011 5:25:13 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
4-Chloroaniline	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2-Chloronaphthalene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2-Chlorophenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Chrysene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Di-n-butyl phthalate	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Di-n-octyl phthalate	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Dibenzofuran	ND	10		µg/L	1	4/4/2011 5:25:13 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101WW2
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:30:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
1,2-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Diethyl phthalate	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Dimethyl phthalate	15	10		µg/L	1	4/4/2011 5:25:13 PM
2,4-Dichlorophenol	ND	20		µg/L	1	4/4/2011 5:25:13 PM
2,4-Dimethylphenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/4/2011 5:25:13 PM
2,4-Dinitrophenol	ND	20		µg/L	1	4/4/2011 5:25:13 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Fluoranthene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Fluorene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Hexachlorobenzene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Hexachlorobutadiene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Hexachloroethane	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Isophorone	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2-Methylnaphthalene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2-Methylphenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
3+4-Methylphenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/4/2011 5:25:13 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	4/4/2011 5:25:13 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Naphthalene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2-Nitroaniline	ND	10		µg/L	1	4/4/2011 5:25:13 PM
3-Nitroaniline	ND	10		µg/L	1	4/4/2011 5:25:13 PM
4-Nitroaniline	ND	20		µg/L	1	4/4/2011 5:25:13 PM
Nitrobenzene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2-Nitrophenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
4-Nitrophenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Pentachlorophenol	ND	20		µg/L	1	4/4/2011 5:25:13 PM
Phenanthrene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Phenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Pyrene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
Pyridine	ND	10		µg/L	1	4/4/2011 5:25:13 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/4/2011 5:25:13 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/4/2011 5:25:13 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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101WW2
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:30:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Surr: 2,4,6-Tribromophenol	94.3	17.5-104		%REC	1	4/4/2011 5:25:13 PM
Surr: 2-Fluorobiphenyl	78.1	30.9-98.9		%REC	1	4/4/2011 5:25:13 PM
Surr: 2-Fluorophenol	65.5	12.4-90.1		%REC	1	4/4/2011 5:25:13 PM
Surr: 4-Terphenyl-d14	96.4	43.5-91.9	S	%REC	1	4/4/2011 5:25:13 PM
Surr: Nitrobenzene-d5	83.9	26.2-108		%REC	1	4/4/2011 5:25:13 PM
Surr: Phenol-d5	51.2	11.8-73.1		%REC	1	4/4/2011 5:25:13 PM
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Benzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Toluene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Ethylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Naphthalene	ND	2.0		µg/L	1	3/31/2011 7:37:36 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/31/2011 7:37:36 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/31/2011 7:37:36 PM
Acetone	ND	10		µg/L	1	3/31/2011 7:37:36 PM
Bromobenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Bromoform	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Bromomethane	ND	3.0		µg/L	1	3/31/2011 7:37:36 PM
2-Butanone	ND	10		µg/L	1	3/31/2011 7:37:36 PM
Carbon disulfide	ND	10		µg/L	1	3/31/2011 7:37:36 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Chlorobenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Chloroethane	ND	2.0		µg/L	1	3/31/2011 7:37:36 PM
Chloroform	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Chloromethane	ND	3.0		µg/L	1	3/31/2011 7:37:36 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/31/2011 7:37:36 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Dibromomethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101WW2
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:30:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/31/2011 7:37:36 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
2-Hexanone	ND	10		µg/L	1	3/31/2011 7:37:36 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/31/2011 7:37:36 PM
Methylene Chloride	ND	3.0		µg/L	1	3/31/2011 7:37:36 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Styrene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/31/2011 7:37:36 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/31/2011 7:37:36 PM
Vinyl chloride	ND	1.0		µg/L	1	3/31/2011 7:37:36 PM
Xylenes, Total	ND	1.5		µg/L	1	3/31/2011 7:37:36 PM
Surr: 1,2-Dichloroethane-d4	75.2	65.8-138		%REC	1	3/31/2011 7:37:36 PM
Surr: 4-Bromofluorobenzene	108	72.7-128		%REC	1	3/31/2011 7:37:36 PM
Surr: Dibromofluoromethane	99.8	69-135		%REC	1	3/31/2011 7:37:36 PM
Surr: Toluene-d8	101	86.1-134		%REC	1	3/31/2011 7:37:36 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: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106102WW1
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:32:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	3/22/2011 8:50:05 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	3/22/2011 8:50:05 PM
Surr: DNOP	136	86.9-151		%REC	1	3/22/2011 8:50:05 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	3/23/2011 11:03:21 PM
Surr: BFB	91.0	79.4-132		%REC	1	3/23/2011 11:03:21 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **RAGS**
Lead	ND	0.0050		mg/L	1	3/30/2011 12:29:04 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Acenaphthylene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Aniline	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Anthracene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Azobenzene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Benz(a)anthracene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Benzo(a)pyrene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Benzoic acid	ND	20		µg/L	1	4/4/2011 5:54:25 PM
Benzyl alcohol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/4/2011 5:54:25 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Butyl benzyl phthalate	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Carbazole	ND	10		µg/L	1	4/4/2011 5:54:25 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
4-Chloroaniline	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2-Chloronaphthalene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2-Chlorophenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Chrysene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Di-n-butyl phthalate	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Di-n-octyl phthalate	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Dibenzofuran	ND	10		µg/L	1	4/4/2011 5:54:25 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: *05-Apr-11*

CLIENT: Shaw Environmental, Inc.
Lab Order: 1103802
Project: KAFB BFF
Lab ID: 1103802-05

Client Sample ID: 106102WW1
Collection Date: 3/21/2011 2:32:00 PM
Date Received: 3/21/2011
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
1,2-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Diethyl phthalate	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Dimethyl phthalate	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2,4-Dichlorophenol	ND	20		µg/L	1	4/4/2011 5:54:25 PM
2,4-Dimethylphenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/4/2011 5:54:25 PM
2,4-Dinitrophenol	ND	20		µg/L	1	4/4/2011 5:54:25 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Fluoranthene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Fluorene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Hexachlorobenzene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Hexachlorobutadiene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Hexachloroethane	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Isophorone	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2-Methylnaphthalene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2-Methylphenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
3+4-Methylphenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/4/2011 5:54:25 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	4/4/2011 5:54:25 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Naphthalene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2-Nitroaniline	ND	10		µg/L	1	4/4/2011 5:54:25 PM
3-Nitroaniline	ND	10		µg/L	1	4/4/2011 5:54:25 PM
4-Nitroaniline	ND	20		µg/L	1	4/4/2011 5:54:25 PM
Nitrobenzene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2-Nitrophenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
4-Nitrophenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Pentachlorophenol	ND	20		µg/L	1	4/4/2011 5:54:25 PM
Phenanthrene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Phenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Pyrene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
Pyridine	ND	10		µg/L	1	4/4/2011 5:54:25 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/4/2011 5:54:25 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106102WW1
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:32:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Surr: 2,4,6-Tribromophenol	66.3	17.5-104		%REC	1	4/4/2011 5:54:25 PM
Surr: 2-Fluorobiphenyl	72.6	30.9-98.9		%REC	1	4/4/2011 5:54:25 PM
Surr: 2-Fluorophenol	62.2	12.4-90.1		%REC	1	4/4/2011 5:54:25 PM
Surr: 4-Terphenyl-d14	77.6	43.5-91.9		%REC	1	4/4/2011 5:54:25 PM
Surr: Nitrobenzene-d5	79.4	26.2-108		%REC	1	4/4/2011 5:54:25 PM
Surr: Phenol-d5	48.9	11.8-73.1		%REC	1	4/4/2011 5:54:25 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Toluene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Ethylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Naphthalene	ND	2.0		µg/L	1	3/31/2011 8:04:13 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/31/2011 8:04:13 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/31/2011 8:04:13 PM
Acetone	ND	10		µg/L	1	3/31/2011 8:04:13 PM
Bromobenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Bromoform	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Bromomethane	ND	3.0		µg/L	1	3/31/2011 8:04:13 PM
2-Butanone	ND	10		µg/L	1	3/31/2011 8:04:13 PM
Carbon disulfide	ND	10		µg/L	1	3/31/2011 8:04:13 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Chlorobenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Chloroethane	ND	2.0		µg/L	1	3/31/2011 8:04:13 PM
Chloroform	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Chloromethane	ND	3.0		µg/L	1	3/31/2011 8:04:13 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/31/2011 8:04:13 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Dibromomethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106102WW1
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:32:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/31/2011 8:04:13 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
2-Hexanone	ND	10		µg/L	1	3/31/2011 8:04:13 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/31/2011 8:04:13 PM
Methylene Chloride	ND	3.0		µg/L	1	3/31/2011 8:04:13 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Styrene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/31/2011 8:04:13 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/31/2011 8:04:13 PM
Vinyl chloride	ND	1.0		µg/L	1	3/31/2011 8:04:13 PM
Xylenes, Total	ND	1.5		µg/L	1	3/31/2011 8:04:13 PM
Surr: 1,2-Dichloroethane-d4	70.2	65.8-138		%REC	1	3/31/2011 8:04:13 PM
Surr: 4-Bromofluorobenzene	104	72.7-128		%REC	1	3/31/2011 8:04:13 PM
Surr: Dibromofluoromethane	94.0	69-135		%REC	1	3/31/2011 8:04:13 PM
Surr: Toluene-d8	99.3	86.1-134		%REC	1	3/31/2011 8:04:13 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106117WW1
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:20:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	1.3	1.0		mg/L	1	3/22/2011 9:24:29 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	3/22/2011 9:24:29 PM
Surr: DNOP	129	86.9-151		%REC	1	3/22/2011 9:24:29 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	0.056	0.050		mg/L	1	3/23/2011 11:32:19 PM
Surr: BFB	91.7	79.4-132		%REC	1	3/23/2011 11:32:19 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **RAGS**
Lead	ND	0.0050		mg/L	1	3/30/2011 12:31:52 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Acenaphthylene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Aniline	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Anthracene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Azobenzene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Benz(a)anthracene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Benzo(a)pyrene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Benzoic acid	ND	20		µg/L	1	4/4/2011 6:23:44 PM
Benzyl alcohol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Bis(2-ethylhexyl)phthalate	11	10		µg/L	1	4/4/2011 6:23:44 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Butyl benzyl phthalate	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Carbazole	ND	10		µg/L	1	4/4/2011 6:23:44 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
4-Chloroaniline	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2-Chloronaphthalene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2-Chlorophenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Chrysene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Di-n-butyl phthalate	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Di-n-octyl phthalate	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Dibenzofuran	ND	10		µg/L	1	4/4/2011 6:23:44 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106117WW1
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:20:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
1,2-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Diethyl phthalate	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Dimethyl phthalate	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2,4-Dichlorophenol	ND	20		µg/L	1	4/4/2011 6:23:44 PM
2,4-Dimethylphenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/4/2011 6:23:44 PM
2,4-Dinitrophenol	ND	20		µg/L	1	4/4/2011 6:23:44 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Fluoranthene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Fluorene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Hexachlorobenzene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Hexachlorobutadiene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Hexachloroethane	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Isophorone	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2-Methylnaphthalene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2-Methylphenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
3+4-Methylphenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/4/2011 6:23:44 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	4/4/2011 6:23:44 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Naphthalene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2-Nitroaniline	ND	10		µg/L	1	4/4/2011 6:23:44 PM
3-Nitroaniline	ND	10		µg/L	1	4/4/2011 6:23:44 PM
4-Nitroaniline	ND	20		µg/L	1	4/4/2011 6:23:44 PM
Nitrobenzene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2-Nitrophenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
4-Nitrophenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Pentachlorophenol	ND	20		µg/L	1	4/4/2011 6:23:44 PM
Phenanthrene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Phenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Pyrene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
Pyridine	ND	10		µg/L	1	4/4/2011 6:23:44 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/4/2011 6:23:44 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106117WW1
Lab Order:	1103802	**Collection Date:**	3/21/2011 2:20:00 PM
Project:	KAFB BFF	**Date Received:**	3/21/2011
Lab ID:	1103802-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Surr: 2,4,6-Tribromophenol	44.3	17.5-104		%REC	1	4/4/2011 6:23:44 PM
Surr: 2-Fluorobiphenyl	22.5	30.9-98.9	S	%REC	1	4/4/2011 6:23:44 PM
Surr: 2-Fluorophenol	24.3	12.4-90.1		%REC	1	4/4/2011 6:23:44 PM
Surr: 4-Terphenyl-d14	51.0	43.5-91.9		%REC	1	4/4/2011 6:23:44 PM
Surr: Nitrobenzene-d5	28.6	26.2-108		%REC	1	4/4/2011 6:23:44 PM
Surr: Phenol-d5	19.0	11.8-73.1		%REC	1	4/4/2011 6:23:44 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Toluene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Ethylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Naphthalene	ND	2.0		µg/L	1	4/1/2011 3:55:47 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/1/2011 3:55:47 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/1/2011 3:55:47 PM
Acetone	18	10		µg/L	1	4/1/2011 3:55:47 PM
Bromobenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Bromoform	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Bromomethane	ND	3.0		µg/L	1	4/1/2011 3:55:47 PM
2-Butanone	ND	10		µg/L	1	4/1/2011 3:55:47 PM
Carbon disulfide	ND	10		µg/L	1	4/1/2011 3:55:47 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Chlorobenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Chloroethane	ND	2.0		µg/L	1	4/1/2011 3:55:47 PM
Chloroform	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Chloromethane	ND	3.0		µg/L	1	4/1/2011 3:55:47 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/1/2011 3:55:47 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Dibromomethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-11*

CLIENT: Shaw Environmental, Inc.
Lab Order: 1103802
Project: KAFB BFF
Lab ID: 1103802-06

Client Sample ID: 106117WW1
Collection Date: 3/21/2011 2:20:00 PM
Date Received: 3/21/2011
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/1/2011 3:55:47 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
2-Hexanone	ND	10		µg/L	1	4/1/2011 3:55:47 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/1/2011 3:55:47 PM
Methylene Chloride	ND	3.0		µg/L	1	4/1/2011 3:55:47 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Styrene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/1/2011 3:55:47 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/1/2011 3:55:47 PM
Vinyl chloride	ND	1.0		µg/L	1	4/1/2011 3:55:47 PM
Xylenes, Total	ND	1.5		µg/L	1	4/1/2011 3:55:47 PM
Surr: 1,2-Dichloroethane-d4	103	65.8-138		%REC	1	4/1/2011 3:55:47 PM
Surr: 4-Bromofluorobenzene	105	72.7-128		%REC	1	4/1/2011 3:55:47 PM
Surr: Dibromofluoromethane	108	69-135		%REC	1	4/1/2011 3:55:47 PM
Surr: Toluene-d8	107	86.1-134		%REC	1	4/1/2011 3:55:47 PM

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
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	
Method: EPA Method 8015B: Diesel Range											
Sample ID: 1103802-04BMSD		*MSD*				Batch ID:	**26074**	Analysis Date:		3/22/2011 8:15:42 PM	
Diesel Range Organics (DRO)	5.995	mg/L	1.0	5	0	120	70	130	6.60	20	
Sample ID: MB-26074		*MBLK*				Batch ID:	**26074**	Analysis Date:		3/22/2011 4:50:56 PM	
Diesel Range Organics (DRO)	ND	mg/L	1.0								
Motor Oil Range Organics (MRO)	ND	mg/L	5.0								
Sample ID: LCS-26074		*LCS*				Batch ID:	**26074**	Analysis Date:		3/22/2011 5:25:04 PM	
Diesel Range Organics (DRO)	6.333	mg/L	1.0	5	0	127	74	157			
Sample ID: LCSD-26074		*LCSD*				Batch ID:	**26074**	Analysis Date:		3/22/2011 5:59:12 PM	
Diesel Range Organics (DRO)	6.361	mg/L	1.0	5	0	127	74	157	0.443	23	
Sample ID: 1103802-04BMS		*MS*				Batch ID:	**26074**	Analysis Date:		3/22/2011 7:41:35 PM	
Diesel Range Organics (DRO)	6.404	mg/L	1.0	5	0	128	70	130			
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 8015B: Gasoline Range											
Sample ID: 5ML RB		*MBLK*				Batch ID:	**R44298**	Analysis Date:		3/23/2011 8:04:20 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050								
Sample ID: 2.5UG GRO LCS		*LCS*				Batch ID:	**R44298**	Analysis Date:		3/23/2011 5:44:33 PM	
Gasoline Range Organics (GRO)	0.5196	mg/L	0.050	0.5	0	104	81.8	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:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles											
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			
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-R44521		*MBLK*				Batch ID:	**R44521**	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-R44521		*LCS*				Batch ID:	**R44521**	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			

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:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b2		*MBLK*				Batch ID:	**R44463**	Analysis Date:	3/31/2011 9:06:15 AM		
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	3.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	3.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

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:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b2		*MBLK*				Batch ID:	**R44463**	Analysis Date:		3/31/2011 9:06:15 AM	
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: b3		*MBLK*				Batch ID:	**R44478**	Analysis Date:		4/1/2011 10:58:01 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	3.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								

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:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b3		*MBLK*				Batch ID:	**R44478**	Analysis Date:	4/1/2011 10:58:01 AM		
Chloromethane	ND	µg/L	3.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R44463**	Analysis Date:	3/31/2011 9:58:49 AM		

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: 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R44463**	Analysis Date:		3/31/2011 9:58:49 AM	
Benzene	19.67	µg/L	1.0	20	0	98.4	85.2	121			
Toluene	19.13	µg/L	1.0	20	0	95.7	88.3	121			
Chlorobenzene	19.01	µg/L	1.0	20	0	95.1	91.9	110			
1,1-Dichloroethene	20.60	µg/L	1.0	20	0	103	91.5	134			
Trichloroethene (TCE)	19.01	µg/L	1.0	20	0	95.1	78.3	102			
Sample ID: 100ng lcs		*LCS*				Batch ID:	**R44478**	Analysis Date:		4/1/2011 12:49:44 PM	
Benzene	20.55	µg/L	1.0	20	0	103	85.2	121			
Toluene	18.35	µg/L	1.0	20	0	91.8	88.3	121			
Chlorobenzene	18.67	µg/L	1.0	20	0	93.4	91.9	110			
1,1-Dichloroethene	20.89	µg/L	1.0	20	0	104	91.5	134			
Trichloroethene (TCE)	19.60	µg/L	1.0	20	0	98.0	78.3	102			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: Volatiles by 8260B/1311											
Sample ID: 1103802-01BMSD		*MSD*				Batch ID:	**26076**	Analysis Date:		3/24/2011 5:17:46 AM	
Benzene	0.3891	mg/L	0.010	0.4	0	97.3	51.1	171	2.11	0	
2-Butanone	ND	mg/L	10						0	0	
Carbon Tetrachloride	ND	mg/L	0.50						0	0	
Chlorobenzene	0.3750	mg/L	0.010	0.4	0	93.8	36.1	191	3.84	0	
Chloroform	ND	mg/L	6.0						0	0	
1,4-Dichlorobenzene	ND	mg/L	7.5						0	0	
1,2-Dichloroethane (EDC)	ND	mg/L	0.50						0	0	
1,1-Dichloroethene	0.3987	mg/L	0.010	0.4	0	99.7	49.1	162	4.00	0	
Hexachlorobutadiene	ND	mg/L	0.50						0	0	
Tetrachloroethene (PCE)	ND	mg/L	0.70						0	0	
Trichloroethene (TCE)	0.3381	mg/L	0.010	0.4	0	84.5	41.2	166	3.88	0	
Vinyl chloride	ND	mg/L	0.20						0	0	
Sample ID: mb-26076		*MBLK*				Batch ID:	**26076**	Analysis Date:		3/24/2011 3:25:56 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: lcs-26076		*LCS*				Batch ID:	**26076**	Analysis Date:		3/24/2011 3:53:48 AM	
Benzene	0.3833	mg/L	0.010	0.4	0	95.8	51.1	171			
Chlorobenzene	0.3749	mg/L	0.010	0.4	0.0043	92.7	36.1	191			
1,1-Dichloroethene	0.4085	mg/L	0.010	0.4	0	102	49.1	162			
Trichloroethene (TCE)	0.3203	mg/L	0.010	0.4	0	80.1	41.2	166			
Sample ID: 1103802-01BMS		*MS*				Batch ID:	**26076**	Analysis Date:		3/24/2011 4:49:44 AM	
Benzene	0.3810	mg/L	0.010	0.4	0	95.2	51.1	171			
2-Butanone	ND	mg/L	10								
Carbon Tetrachloride	ND	mg/L	0.50								
Chlorobenzene	0.3897	mg/L	0.010	0.4	0	97.4	36.1	191			
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	0.4150	mg/L	0.010	0.4	0	104	49.1	162			
Hexachlorobutadiene	ND	mg/L	0.50								
Tetrachloroethene (PCE)	ND	mg/L	0.70								
Trichloroethene (TCE)	0.3253	mg/L	0.010	0.4	0	81.3	41.2	166			
Vinyl chloride	ND	mg/L	0.20								

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:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: mb-26124		*MBLK*				Batch ID:	**26124**	Analysis Date:		4/4/2011 3:25:04 PM	
Acenaphthene	ND	µg/L	10								
Acenaphthylene	ND	µg/L	10								
Aniline	ND	µg/L	10								
Anthracene	ND	µg/L	10								
Azobenzene	ND	µg/L	10								
Benz(a)anthracene	ND	µg/L	10								
Benzo(a)pyrene	ND	µg/L	10								
Benzo(b)fluoranthene	ND	µg/L	10								
Benzo(g,h,i)perylene	ND	µg/L	10								
Benzo(k)fluoranthene	ND	µg/L	10								
Benzoic acid	ND	µg/L	20								
Benzyl alcohol	ND	µg/L	10								
Bis(2-chloroethoxy)methane	ND	µg/L	10								
Bis(2-chloroethyl)ether	ND	µg/L	10								
Bis(2-chloroisopropyl)ether	ND	µg/L	10								
Bis(2-ethylhexyl)phthalate	ND	µg/L	10								
4-Bromophenyl phenyl ether	ND	µg/L	10								
Butyl benzyl phthalate	ND	µg/L	10								
Carbazole	ND	µg/L	10								
4-Chloro-3-methylphenol	ND	µg/L	10								
4-Chloroaniline	ND	µg/L	10								
2-Chloronaphthalene	ND	µg/L	10								
2-Chlorophenol	ND	µg/L	10								
4-Chlorophenyl phenyl ether	ND	µg/L	10								
Chrysene	ND	µg/L	10								
Di-n-butyl phthalate	ND	µg/L	10								
Di-n-octyl phthalate	ND	µg/L	10								
Dibenz(a,h)anthracene	ND	µg/L	10								
Dibenzofuran	ND	µg/L	10								
1,2-Dichlorobenzene	ND	µg/L	5.0								
1,3-Dichlorobenzene	ND	µg/L	10								
1,4-Dichlorobenzene	ND	µg/L	5.0								
3,3'-Dichlorobenzidine	ND	µg/L	10								
Diethyl phthalate	ND	µg/L	10								
Dimethyl phthalate	ND	µg/L	10								
2,4-Dichlorophenol	ND	µg/L	20								
2,4-Dimethylphenol	ND	µg/L	10								
4,6-Dinitro-2-methylphenol	ND	µg/L	20								
2,4-Dinitrophenol	ND	µg/L	5.0								
2,4-Dinitrotoluene	ND	µg/L	5.0								
2,6-Dinitrotoluene	ND	µg/L	10								
Fluoranthene	ND	µg/L	10								
Fluorene	ND	µg/L	10								
Hexachlorobenzene	ND	µg/L	5.0								

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:** 1103802

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: mb-26124		*MBLK*				Batch ID:	**26124**	Analysis Date:	4/4/2011 3:25:04 PM		
Hexachlorobutadiene	ND	µg/L	10								
Hexachlorocyclopentadiene	ND	µg/L	10								
Hexachloroethane	ND	µg/L	5.0								
Indeno(1,2,3-cd)pyrene	ND	µg/L	10								
Isophorone	ND	µg/L	10								
2-Methylnaphthalene	ND	µg/L	10								
2-Methylphenol	ND	µg/L	5.0								
3+4-Methylphenol	ND	µg/L	5.0								
N-Nitrosodi-n-propylamine	ND	µg/L	10								
N-Nitrosodimethylamine	ND	µg/L	10								
N-Nitrosodiphenylamine	ND	µg/L	10								
Naphthalene	ND	µg/L	10								
2-Nitroaniline	ND	µg/L	10								
3-Nitroaniline	ND	µg/L	10								
4-Nitroaniline	ND	µg/L	10								
Nitrobenzene	ND	µg/L	5.0								
2-Nitrophenol	ND	µg/L	10								
4-Nitrophenol	ND	µg/L	10								
Pentachlorophenol	ND	µg/L	5.0								
Phenanthrene	ND	µg/L	10								
Phenol	ND	µg/L	10								
Pyrene	ND	µg/L	10								
Pyridine	ND	µg/L	5.0								
1,2,4-Trichlorobenzene	ND	µg/L	10								
2,4,5-Trichlorophenol	ND	µg/L	10								
2,4,6-Trichlorophenol	ND	µg/L	10								
Sample ID: lcs-26124		*LCS*				Batch ID:	**26124**	Analysis Date:	4/4/2011 4:26:42 PM		
Acenaphthene	64.22	µg/L	10	100	0	64.2	31	99.4			
4-Chloro-3-methylphenol	59.24	µg/L	10	100	0	59.2	34.3	111			
2-Chlorophenol	59.30	µg/L	10	100	0	59.3	24.1	98.7			
1,4-Dichlorobenzene	47.44	µg/L	10	100	0	47.4	20.6	85.6			
2,4-Dinitrotoluene	56.66	µg/L	10	100	0	56.7	26.6	126			
N-Nitrosodi-n-propylamine	61.56	µg/L	10	100	0	61.6	29.2	94.4			
4-Nitrophenol	36.84	µg/L	10	100	0	36.8	9.87	86			
Pentachlorophenol	43.40	µg/L	20	100	0	43.4	20	97.8			
Phenol	40.58	µg/L	10	100	0	40.6	17.5	60.5			
Pyrene	63.18	µg/L	10	100	0	63.2	46.8	92.2			
1,2,4-Trichlorobenzene	51.14	µg/L	10	100	0	51.1	25.2	92.3			

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:** 1103802

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: 1103802-01BMSD		*MSD*				Batch ID:	**26221**	Analysis Date:	4/1/2011 12:06:06 PM		
Mercury	ND	mg/L	0.020	0.005	0	97.8	75	125	0	20	
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			
Sample ID: 1103802-01BMS		*MS*				Batch ID:	**26221**	Analysis Date:	4/1/2011 12:04:19 PM		
Mercury	ND	mg/L	0.020	0.005	0	94.7	75	125			

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:** 1103802

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: EPA 6010B: Total Recoverable Metals											
Sample ID: MB-26161		*MBLK*				Batch ID:	**26161**	Analysis Date:	3/30/2011 11:22:26 AM		
Lead	ND	mg/L	0.0050								
Sample ID: LCS-26161		*LCS*				Batch ID:	**26161**	Analysis Date:	3/30/2011 11:25:24 AM		
Lead	0.4734	mg/L	0.0050	0.5	0	94.7	80	120			
Method: CYANIDE, Reactive											
Sample ID: MB-R44521		*MBLK*				Batch ID:	**R44521**	Analysis Date:	3/29/2011		
Reactive Cyanide	ND	mg/Kg	10								
Sample ID: LCS-R44521		*LCS*				Batch ID:	**R44521**	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-R44521		*MBLK*				Batch ID:	**R44521**	Analysis Date:	3/30/2011		
Reactive Sulfide	ND	mg/Kg	10								
Sample ID: LCS-R44521		*LCS*				Batch ID:	**R44521**	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: 3/21/2011

Work Order Number 1103802 | Received by: LNM

Checklist completed by: [signature] 03/21/11 (Signature / Date) | Sample ID labels checked by: NMG (Initials)

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: 3
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?	**20.9°**	*<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-IDW029

10.90

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

Samples Shipment Date: 21 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: 3/21/11 Time: 1533	1. Received By (Signature/Affiliation) Michael Barr	Date: 3/21/11 Time: 1533
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: 3/21/11 Time: 1545
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: 3 Rolloffs and 3 Wastewater

1103802

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Sample Vol	Units	Fil	CID	Condition On Receipt
106061IDW3	KAFB10661-SO-106061IDW3-REG	21 MAR 2011	14:06	8 oz CWM	1	None except cool to 4 C	TCLP Metals by SW846 1311 6010B, TCLP Mercury by SW846 1311 7470A			N		
106061IDW3	KAFB10661-SO-106061IDW3-REG	21 MAR 2011	14:06	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		
106061IDW3	KAFB10661-SO-106061IDW3-REG	21 MAR 2011	14:06	4 oz CWM	1	None except cool to 4 C	TPH as Diesel by SW846 8015B, TPH as Gasoline by SW846 8015B, BTEX by SW846 8021			N		
106061IDW3	KAFB10661-SO-106061IDW3-REG	21 MAR 2011	14:06	8 oz CWM	1	None except cool to 4 C	Reactivity, Corrosivity, and Ignitability			N		

Shaw™
Shaw E & I, Inc.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 140705-IDW029

M03802

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Sample Vol	Units	Fil	CID	Condition On Receipt
								by SW846 Chapter 7,7.3.4.2					
-2	106079IDW2	KAFB10679-SO-106079IDW2-REG	21 MAR 2011	14:02	4 oz CWM	1	None except cool to 4 C	TPH as Diesel by SW846 8015B, TPH as Gasoline by SW846 8015B, BTEX by SW846 8021			N		
-2	106079IDW2	KAFB10679-SO-106079IDW2-REG	21 MAR 2011	14:02	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		
-2	106079IDW2	KAFB10679-SO-106079IDW2-REG	21 MAR 2011	14:02	8 oz CWM	1	None except cool to 4 C	Reactivity, Corrosivity, and Ignitability by SW846 Chapter 7,7.3.4.2			N		
-2	106079IDW2	KAFB10679-SO-106079IDW2-REG	21 MAR 2011	14:02	8 oz CWM	1	None except cool to 4 C	TCLP Metals by SW846 1311 6010B, TCLP Mercury by SW846 1311 7470A			N		
-3	106079IDW3	KAFB10679-SO-106079IDW3-REG	21 MAR 2011	13:58	8 oz CWM	1	None except cool to 4 C	TCLP Metals by SW846 1311 6010B, TCLP Mercury by SW846 1311 7470A			N		
-3	106079IDW3	KAFB10679-SO-106079IDW3-REG	21 MAR 2011	13:58	8 oz CWM	1	None except cool to 4 C	Reactivity, Corrosivity, and Ignitability by SW846 Chapter 7,7.3.4.2			N		
-3	106079IDW3	KAFB10679-SO-106079IDW3-REG	21 MAR 2011	13:58	4 oz CWM	1	None except cool to 4 C	TPH as Diesel by SW846 8015B, TPH as Gasoline by SW846 8015B, BTEX by SW846 8021			N		
-3	106079IDW3	KAFB10679-SO-106079IDW3-REG	21 MAR 2011	13:58	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		
-4	106101WW2	KAFB106101-WW-106101WW2-REG	21 MAR 2011	14:30	1000 mL A GLASS	1	None except cool to 4 C	SVOCs by SW846 8270C			N		
-4	106101WW2	KAFB106101-WW-106101WW2-REG	21 MAR 2011	14:30	1000 mL A GLASS	1	None except cool to 4 C	TPH as Diesel by SW846 8015B			N		
-4	106101WW2	KAFB106101-WW-106101WW2-REG	21 MAR 2011	14:30	40 mL VOA VIAL	3	HCl<pH 2	TPH as Gasoline by SW846 8015B			N		
-4	106101WW2	KAFB106101-WW-106101WW2-REG	21 MAR 2011	14:30	500 mL HDPE	1	HNO3<pH 2	Lead only by SW846 6010C			N		
-4	106101WW2	KAFB106101-WW-106101WW2-REG	21 MAR 2011	14:30	40 mL VOA VIAL	3	HCl<pH 2	VOCs by SW846 8260B			N		
-5	106102WW1	KAFB106102-WW-106102WW1-REG	21 MAR 2011	14:32	40 mL VOA VIAL	3	HCl<pH 2	VOCs by SW846 8260B			N		
-5	106102WW1	KAFB106102-WW-106102WW1-REG	21 MAR 2011	14:32	1000 mL A GLASS	1	None except cool to 4 C	TPH as Diesel by SW846 8015B			N		
-5	106102WW1	KAFB106102-WW-106102WW1-REG	21 MAR 2011	14:32	500 mL HDPE	1	HNO3<pH 2	Lead only by SW846 6010C			N		
-5	106102WW1	KAFB106102-WW-106102WW1-REG	21 MAR 2011	14:32	1000 mL A GLASS	1	None except cool to 4 C	SVOCs by SW846 8270C			N		
-5	106102WW1	KAFB106102-WW-106102WW1-REG	21 MAR 2011	14:32	40 mL VOA VIAL	3	HCl<pH 2	TPH as Gasoline by SW846 8015B			N		
-6	106117WW1	KAFB106117-WW-106117WW1-REG	21 MAR 2011	14:20	500 mL HDPE	1	HNO3<pH 2	Lead only by SW846 6010C			N		
-6	106117WW1	KAFB106117-WW-106117WW1-REG	21 MAR 2011	14:20	40 mL VOA VIAL	3	HCl<pH 2	VOCs by SW846 8260B			N		
-6	106117WW1	KAFB106117-WW-106117WW1-REG	21 MAR 2011	14:20	40 mL VOA VIAL	3	HCl<pH 2	TPH as Gasoline by SW846 8015B			N		
-6	106117WW1	KAFB106117-WW-106117WW1-REG	21 MAR 2011	14:20	1000 mL A GLASS	1	None except cool to 4 C	TPH as Diesel by SW846 8015B			N		
-6	106117WW1	KAFB106117-WW-106117WW1-REG	21 MAR 2011	14:20	1000 mL A GLASS	1	None except cool to 4 C	SVOCs by SW846 8270C			N		