HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, March 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.: 1102662

Dear Pamela Moss:

Hall Environmental Analysis Laboratory, Inc. received 8 sample(s) on 2/21/2011 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: *07-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:15:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	2/24/2011 3:03:37 PM
Endrin	ND	0.020		mg/L	1	2/24/2011 3:03:37 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	2/24/2011 3:03:37 PM
Heptachlor	ND	0.0080		mg/L	1	2/24/2011 3:03:37 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	2/24/2011 3:03:37 PM
Methoxychlor	ND	10		mg/L	1	2/24/2011 3:03:37 PM
Toxaphene	ND	0.50		mg/L	1	2/24/2011 3:03:37 PM
Surr: Decachlorobiphenyl	82.7	39-142		%REC	1	2/24/2011 3:03:37 PM
Surr: Tetrachloro-m-xylene	75.6	38.7-136		%REC	1	2/24/2011 3:03:37 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/24/2011 12:23:55 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/24/2011 12:23:55 PM
Surr: DNOP	89.4	81.8-129		%REC	1	2/24/2011 12:23:55 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/24/2011 2:24:46 PM
Surr: BFB	83.2	89.7-125	S	%REC	1	2/24/2011 2:24:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/2/2011 12:58:15 AM
Benzene	ND	0.050		mg/Kg	1	3/2/2011 12:58:15 AM
Toluene	ND	0.050		mg/Kg	1	3/2/2011 12:58:15 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/2/2011 12:58:15 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/2/2011 12:58:15 AM
Surr: 4-Bromofluorobenzene	104	85.3-139		%REC	1	3/2/2011 12:58:15 AM
MERCURY, TCLP						Analyst: **IC**
Mercury	ND	0.020		mg/L	1	2/28/2011 2:37:19 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **RAGS**
Arsenic	ND	5.0		mg/L	1	2/25/2011 1:38:24 PM
Barium	ND	100		mg/L	5	2/25/2011 12:49:40 PM
Cadmium	ND	1.0		mg/L	1	2/25/2011 12:47:12 PM
Chromium	ND	5.0		mg/L	1	2/25/2011 12:47:12 PM
Lead	ND	5.0		mg/L	1	2/25/2011 12:47:12 PM
Selenium	ND	1.0		mg/L	1	2/25/2011 12:47:12 PM
Silver	ND	5.0		mg/L	1	2/25/2011 12:47:12 PM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	2/24/2011 11:17:02 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:15:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	2/24/2011 11:17:02 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/24/2011 11:17:02 PM
Hexachloroethane	ND	3.0		mg/L	1	2/24/2011 11:17:02 PM
Nitrobenzene	ND	2.0		mg/L	1	2/24/2011 11:17:02 PM
Pentachlorophenol	ND	100		mg/L	1	2/24/2011 11:17:02 PM
Pyridine	ND	5.0		mg/L	1	2/24/2011 11:17:02 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	2/24/2011 11:17:02 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	2/24/2011 11:17:02 PM
Cresols, Total	ND	200		mg/L	1	2/24/2011 11:17:02 PM
Surr: 2,4,6-Tribromophenol	99.1	21.6-121		%REC	1	2/24/2011 11:17:02 PM
Surr: 2-Fluorobiphenyl	72.1	36.3-107		%REC	1	2/24/2011 11:17:02 PM
Surr: 2-Fluorophenol	63.9	7.63-90		%REC	1	2/24/2011 11:17:02 PM
Surr: 4-Terphenyl-d14	94.8	39-110		%REC	1	2/24/2011 11:17:02 PM
Surr: Nitrobenzene-d5	82.0	36.9-110		%REC	1	2/24/2011 11:17:02 PM
Surr: Phenol-d5	51.7	13.3-67.7		%REC	1	2/24/2011 11:17:02 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	2/25/2011 2:50:19 AM
2-Butanone	ND	10		mg/L	1	2/25/2011 2:50:19 AM
Carbon Tetrachloride	ND	0.50		mg/L	1	2/25/2011 2:50:19 AM
Chlorobenzene	ND	100		mg/L	1	2/25/2011 2:50:19 AM
Chloroform	ND	6.0		mg/L	1	2/25/2011 2:50:19 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	2/25/2011 2:50:19 AM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	2/25/2011 2:50:19 AM
1,1-Dichloroethene	ND	0.70		mg/L	1	2/25/2011 2:50:19 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/25/2011 2:50:19 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	2/25/2011 2:50:19 AM
Trichloroethene (TCE)	ND	0.50		mg/L	1	2/25/2011 2:50:19 AM
Vinyl chloride	ND	0.20		mg/L	1	2/25/2011 2:50:19 AM
Surr: 1,2-Dichloroethane-d4	85.2	69.9-130		%REC	1	2/25/2011 2:50:19 AM
Surr: 4-Bromofluorobenzene	107	71.2-123		%REC	1	2/25/2011 2:50:19 AM
Surr: Dibromofluoromethane	105	73.9-134		%REC	1	2/25/2011 2:50:19 AM
Surr: Toluene-d8	101	81.9-122		%REC	1	2/25/2011 2:50:19 AM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	2/25/2011
2,4-D	ND	0.10		mg/L	1	2/25/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.2	0.10		pH Units	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:15:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative	0		°F	1	2/25/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	2/25/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101IDW3
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:25:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	2/24/2011 3:20:48 PM
Endrin	ND	0.020		mg/L	1	2/24/2011 3:20:48 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	2/24/2011 3:20:48 PM
Heptachlor	ND	0.0080		mg/L	1	2/24/2011 3:20:48 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	2/24/2011 3:20:48 PM
Methoxychlor	ND	10		mg/L	1	2/24/2011 3:20:48 PM
Toxaphene	ND	0.50		mg/L	1	2/24/2011 3:20:48 PM
Surr: Decachlorobiphenyl	67.4	39-142		%REC	1	2/24/2011 3:20:48 PM
Surr: Tetrachloro-m-xylene	58.4	38.7-136		%REC	1	2/24/2011 3:20:48 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/24/2011 12:58:31 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/24/2011 12:58:31 PM
Surr: DNOP	87.1	81.8-129		%REC	1	2/24/2011 12:58:31 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/24/2011 2:53:46 PM
Surr: BFB	82.4	89.7-125	S	%REC	1	2/24/2011 2:53:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/2/2011 1:28:17 AM
Benzene	ND	0.050		mg/Kg	1	3/2/2011 1:28:17 AM
Toluene	ND	0.050		mg/Kg	1	3/2/2011 1:28:17 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/2/2011 1:28:17 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/2/2011 1:28:17 AM
Surr: 4-Bromofluorobenzene	103	85.3-139		%REC	1	3/2/2011 1:28:17 AM
MERCURY, TCLP						Analyst: **IC**
Mercury	ND	0.020		mg/L	1	2/28/2011 2:48:12 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **RAGS**
Arsenic	ND	5.0		mg/L	1	2/25/2011 1:40:51 PM
Barium	ND	100		mg/L	1	2/25/2011 12:52:08 PM
Cadmium	ND	1.0		mg/L	1	2/25/2011 12:52:08 PM
Chromium	ND	5.0		mg/L	1	2/25/2011 12:52:08 PM
Lead	ND	5.0		mg/L	1	2/25/2011 12:52:08 PM
Selenium	ND	1.0		mg/L	1	2/25/2011 12:52:08 PM
Silver	ND	5.0		mg/L	1	2/25/2011 12:52:08 PM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	2/24/2011 11:45:49 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101IDW3
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:25:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	2/24/2011 11:45:49 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/24/2011 11:45:49 PM
Hexachloroethane	ND	3.0		mg/L	1	2/24/2011 11:45:49 PM
Nitrobenzene	ND	2.0		mg/L	1	2/24/2011 11:45:49 PM
Pentachlorophenol	ND	100		mg/L	1	2/24/2011 11:45:49 PM
Pyridine	ND	5.0		mg/L	1	2/24/2011 11:45:49 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	2/24/2011 11:45:49 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	2/24/2011 11:45:49 PM
Cresols, Total	ND	200		mg/L	1	2/24/2011 11:45:49 PM
Surr: 2,4,6-Tribromophenol	119	21.6-121		%REC	1	2/24/2011 11:45:49 PM
Surr: 2-Fluorobiphenyl	85.1	36.3-107		%REC	1	2/24/2011 11:45:49 PM
Surr: 2-Fluorophenol	54.6	7.63-90		%REC	1	2/24/2011 11:45:49 PM
Surr: 4-Terphenyl-d14	70.5	39-110		%REC	1	2/24/2011 11:45:49 PM
Surr: Nitrobenzene-d5	75.2	36.9-110		%REC	1	2/24/2011 11:45:49 PM
Surr: Phenol-d5	71.7	13.3-67.7	S	%REC	1	2/24/2011 11:45:49 PM
VOLATILES BY 8260B/1311						Analyst: **DAM**
Benzene	ND	0.50		mg/L	1	2/28/2011 9:36:18 PM
2-Butanone	ND	10		mg/L	1	2/28/2011 9:36:18 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	2/28/2011 9:36:18 PM
Chlorobenzene	ND	100		mg/L	1	2/28/2011 9:36:18 PM
Chloroform	ND	6.0		mg/L	1	2/28/2011 9:36:18 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	2/28/2011 9:36:18 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	2/28/2011 9:36:18 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	2/28/2011 9:36:18 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/28/2011 9:36:18 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	2/28/2011 9:36:18 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	2/28/2011 9:36:18 PM
Vinyl chloride	ND	0.20		mg/L	1	2/28/2011 9:36:18 PM
Surr: 1,2-Dichloroethane-d4	86.0	69.9-130		%REC	1	2/28/2011 9:36:18 PM
Surr: 4-Bromofluorobenzene	93.8	71.2-123		%REC	1	2/28/2011 9:36:18 PM
Surr: Dibromofluoromethane	111	73.9-134		%REC	1	2/28/2011 9:36:18 PM
Surr: Toluene-d8	104	81.9-122		%REC	1	2/28/2011 9:36:18 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	2/25/2011
2,4-D	ND	0.10		mg/L	1	2/25/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.4	0.10		pH Units	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106101IDW3
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:25:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative	0		°F	1	2/25/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	2/25/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106130IDW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:32:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	2/24/2011 3:37:56 PM
Endrin	ND	0.020		mg/L	1	2/24/2011 3:37:56 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	2/24/2011 3:37:56 PM
Heptachlor	ND	0.0080		mg/L	1	2/24/2011 3:37:56 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	2/24/2011 3:37:56 PM
Methoxychlor	ND	10		mg/L	1	2/24/2011 3:37:56 PM
Toxaphene	ND	0.50		mg/L	1	2/24/2011 3:37:56 PM
Surr: Decachlorobiphenyl	95.7	39-142		%REC	1	2/24/2011 3:37:56 PM
Surr: Tetrachloro-m-xylene	84.8	38.7-136		%REC	1	2/24/2011 3:37:56 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/24/2011 1:32:51 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/24/2011 1:32:51 PM
Surr: DNOP	90.0	81.8-129		%REC	1	2/24/2011 1:32:51 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/24/2011 3:22:40 PM
Surr: BFB	81.5	89.7-125	S	%REC	1	2/24/2011 3:22:40 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/2/2011 1:58:20 AM
Benzene	ND	0.050		mg/Kg	1	3/2/2011 1:58:20 AM
Toluene	ND	0.050		mg/Kg	1	3/2/2011 1:58:20 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/2/2011 1:58:20 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/2/2011 1:58:20 AM
Surr: 4-Bromofluorobenzene	106	85.3-139		%REC	1	3/2/2011 1:58:20 AM
MERCURY, TCLP						Analyst: **IC**
Mercury	ND	0.020		mg/L	1	2/28/2011 2:50:01 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **RAGS**
Arsenic	ND	5.0		mg/L	1	2/25/2011 1:43:18 PM
Barium	ND	100		mg/L	1	2/25/2011 12:57:02 PM
Cadmium	ND	1.0		mg/L	1	2/25/2011 12:57:02 PM
Chromium	ND	5.0		mg/L	1	2/25/2011 12:57:02 PM
Lead	ND	5.0		mg/L	1	2/25/2011 12:57:02 PM
Selenium	ND	1.0		mg/L	1	2/25/2011 12:57:02 PM
Silver	ND	5.0		mg/L	1	2/25/2011 12:57:02 PM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	2/25/2011 12:14:26 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106130IDW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:32:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	2/25/2011 12:14:26 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/25/2011 12:14:26 AM
Hexachloroethane	ND	3.0		mg/L	1	2/25/2011 12:14:26 AM
Nitrobenzene	ND	2.0		mg/L	1	2/25/2011 12:14:26 AM
Pentachlorophenol	ND	100		mg/L	1	2/25/2011 12:14:26 AM
Pyridine	ND	5.0		mg/L	1	2/25/2011 12:14:26 AM
2,4,5-Trichlorophenol	ND	400		mg/L	1	2/25/2011 12:14:26 AM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	2/25/2011 12:14:26 AM
Cresols, Total	ND	200		mg/L	1	2/25/2011 12:14:26 AM
Surr: 2,4,6-Tribromophenol	112	21.6-121		%REC	1	2/25/2011 12:14:26 AM
Surr: 2-Fluorobiphenyl	81.5	36.3-107		%REC	1	2/25/2011 12:14:26 AM
Surr: 2-Fluorophenol	57.3	7.63-90		%REC	1	2/25/2011 12:14:26 AM
Surr: 4-Terphenyl-d14	66.5	39-110		%REC	1	2/25/2011 12:14:26 AM
Surr: Nitrobenzene-d5	78.4	36.9-110		%REC	1	2/25/2011 12:14:26 AM
Surr: Phenol-d5	46.5	13.3-67.7		%REC	1	2/25/2011 12:14:26 AM
VOLATILES BY 8260B/1311						Analyst: **DAM**
Benzene	ND	0.50		mg/L	1	2/28/2011 10:04:33 PM
2-Butanone	ND	10		mg/L	1	2/28/2011 10:04:33 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	2/28/2011 10:04:33 PM
Chlorobenzene	ND	100		mg/L	1	2/28/2011 10:04:33 PM
Chloroform	ND	6.0		mg/L	1	2/28/2011 10:04:33 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	2/28/2011 10:04:33 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	2/28/2011 10:04:33 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	2/28/2011 10:04:33 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/28/2011 10:04:33 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	2/28/2011 10:04:33 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	2/28/2011 10:04:33 PM
Vinyl chloride	ND	0.20		mg/L	1	2/28/2011 10:04:33 PM
Surr: 1,2-Dichloroethane-d4	90.0	69.9-130		%REC	1	2/28/2011 10:04:33 PM
Surr: 4-Bromofluorobenzene	93.2	71.2-123		%REC	1	2/28/2011 10:04:33 PM
Surr: Dibromofluoromethane	113	73.9-134		%REC	1	2/28/2011 10:04:33 PM
Surr: Toluene-d8	105	81.9-122		%REC	1	2/28/2011 10:04:33 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	2/25/2011
2,4-D	ND	0.10		mg/L	1	2/25/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.4	0.10		pH Units	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106130IDW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:32:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative	0		°F	1	2/25/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	2/25/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106130IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:37:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-04	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	2/24/2011 3:55:10 PM
Endrin	ND	0.020		mg/L	1	2/24/2011 3:55:10 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	2/24/2011 3:55:10 PM
Heptachlor	ND	0.0080		mg/L	1	2/24/2011 3:55:10 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	2/24/2011 3:55:10 PM
Methoxychlor	ND	10		mg/L	1	2/24/2011 3:55:10 PM
Toxaphene	ND	0.50		mg/L	1	2/24/2011 3:55:10 PM
Surr: Decachlorobiphenyl	103	39-142		%REC	1	2/24/2011 3:55:10 PM
Surr: Tetrachloro-m-xylene	110	38.7-136		%REC	1	2/24/2011 3:55:10 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/24/2011 2:07:13 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/24/2011 2:07:13 PM
Surr: DNOP	91.0	81.8-129		%REC	1	2/24/2011 2:07:13 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/24/2011 3:51:33 PM
Surr: BFB	82.1	89.7-125	S	%REC	1	2/24/2011 3:51:33 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/2/2011 2:28:20 AM
Benzene	ND	0.050		mg/Kg	1	3/2/2011 2:28:20 AM
Toluene	ND	0.050		mg/Kg	1	3/2/2011 2:28:20 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/2/2011 2:28:20 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/2/2011 2:28:20 AM
Surr: 4-Bromofluorobenzene	97.4	85.3-139		%REC	1	3/2/2011 2:28:20 AM
MERCURY, TCLP						Analyst: **IC**
Mercury	ND	0.020		mg/L	1	2/28/2011 2:51:49 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **RAGS**
Arsenic	ND	5.0		mg/L	1	2/25/2011 1:45:44 PM
Barium	ND	100		mg/L	5	2/25/2011 1:04:23 PM
Cadmium	ND	1.0		mg/L	1	2/25/2011 1:01:56 PM
Chromium	ND	5.0		mg/L	1	2/25/2011 1:01:56 PM
Lead	ND	5.0		mg/L	1	2/25/2011 1:01:56 PM
Selenium	ND	1.0		mg/L	1	2/25/2011 1:01:56 PM
Silver	ND	5.0		mg/L	1	2/25/2011 1:01:56 PM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	2/25/2011 1:24:40 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106130IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:37:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-04	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	2/25/2011 1:24:40 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/25/2011 1:24:40 AM
Hexachloroethane	ND	3.0		mg/L	1	2/25/2011 1:24:40 AM
Nitrobenzene	ND	2.0		mg/L	1	2/25/2011 1:24:40 AM
Pentachlorophenol	ND	100		mg/L	1	2/25/2011 1:24:40 AM
Pyridine	ND	5.0		mg/L	1	2/25/2011 1:24:40 AM
2,4,5-Trichlorophenol	ND	400		mg/L	1	2/25/2011 1:24:40 AM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	2/25/2011 1:24:40 AM
Cresols, Total	ND	200		mg/L	1	2/25/2011 1:24:40 AM
Surr: 2,4,6-Tribromophenol	18.8	21.6-121	S	%REC	1	2/25/2011 1:24:40 AM
Surr: 2-Fluorobiphenyl	71.2	36.3-107		%REC	1	2/25/2011 1:24:40 AM
Surr: 2-Fluorophenol	16.1	7.63-90		%REC	1	2/25/2011 1:24:40 AM
Surr: 4-Terphenyl-d14	80.6	39-110		%REC	1	2/25/2011 1:24:40 AM
Surr: Nitrobenzene-d5	67.9	36.9-110		%REC	1	2/25/2011 1:24:40 AM
Surr: Phenol-d5	35.6	13.3-67.7		%REC	1	2/25/2011 1:24:40 AM
VOLATILES BY 8260B/1311						Analyst: **DAM**
Benzene	ND	0.50		mg/L	1	2/28/2011 10:32:50 PM
2-Butanone	ND	10		mg/L	1	2/28/2011 10:32:50 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	2/28/2011 10:32:50 PM
Chlorobenzene	ND	100		mg/L	1	2/28/2011 10:32:50 PM
Chloroform	ND	6.0		mg/L	1	2/28/2011 10:32:50 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	2/28/2011 10:32:50 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	2/28/2011 10:32:50 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	2/28/2011 10:32:50 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/28/2011 10:32:50 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	2/28/2011 10:32:50 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	2/28/2011 10:32:50 PM
Vinyl chloride	ND	0.20		mg/L	1	2/28/2011 10:32:50 PM
Surr: 1,2-Dichloroethane-d4	85.7	69.9-130		%REC	1	2/28/2011 10:32:50 PM
Surr: 4-Bromofluorobenzene	97.2	71.2-123		%REC	1	2/28/2011 10:32:50 PM
Surr: Dibromofluoromethane	110	73.9-134		%REC	1	2/28/2011 10:32:50 PM
Surr: Toluene-d8	109	81.9-122		%REC	1	2/28/2011 10:32:50 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	2/25/2011
2,4-D	ND	0.10		mg/L	1	2/25/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.3	0.10		pH Units	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106130IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:37:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-04	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative	0		°F	1	2/25/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	2/25/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106134IDW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:43:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	2/24/2011 4:12:20 PM
Endrin	ND	0.020		mg/L	1	2/24/2011 4:12:20 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	2/24/2011 4:12:20 PM
Heptachlor	ND	0.0080		mg/L	1	2/24/2011 4:12:20 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	2/24/2011 4:12:20 PM
Methoxychlor	ND	10		mg/L	1	2/24/2011 4:12:20 PM
Toxaphene	ND	0.50		mg/L	1	2/24/2011 4:12:20 PM
Surr: Decachlorobiphenyl	69.0	39-142		%REC	1	2/24/2011 4:12:20 PM
Surr: Tetrachloro-m-xylene	54.6	38.7-136		%REC	1	2/24/2011 4:12:20 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/24/2011 2:41:39 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/24/2011 2:41:39 PM
Surr: DNOP	86.9	81.8-129		%REC	1	2/24/2011 2:41:39 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/24/2011 4:20:27 PM
Surr: BFB	82.0	89.7-125	S	%REC	1	2/24/2011 4:20:27 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/2/2011 2:58:17 AM
Benzene	ND	0.050		mg/Kg	1	3/2/2011 2:58:17 AM
Toluene	ND	0.050		mg/Kg	1	3/2/2011 2:58:17 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/2/2011 2:58:17 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/2/2011 2:58:17 AM
Surr: 4-Bromofluorobenzene	105	85.3-139		%REC	1	3/2/2011 2:58:17 AM
MERCURY, TCLP						Analyst: **IC**
Mercury	ND	0.020		mg/L	1	2/28/2011 2:53:39 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **RAGS**
Arsenic	ND	5.0		mg/L	1	2/25/2011 1:48:10 PM
Barium	ND	100		mg/L	1	2/25/2011 1:06:50 PM
Cadmium	ND	1.0		mg/L	1	2/25/2011 1:06:50 PM
Chromium	ND	5.0		mg/L	1	2/25/2011 1:06:50 PM
Lead	ND	5.0		mg/L	1	2/25/2011 1:06:50 PM
Selenium	ND	1.0		mg/L	1	2/25/2011 1:06:50 PM
Silver	ND	5.0		mg/L	1	2/25/2011 1:06:50 PM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	2/25/2011 1:53:14 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106134IDW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:43:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	2/25/2011 1:53:14 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/25/2011 1:53:14 AM
Hexachloroethane	ND	3.0		mg/L	1	2/25/2011 1:53:14 AM
Nitrobenzene	ND	2.0		mg/L	1	2/25/2011 1:53:14 AM
Pentachlorophenol	ND	100		mg/L	1	2/25/2011 1:53:14 AM
Pyridine	ND	5.0		mg/L	1	2/25/2011 1:53:14 AM
2,4,5-Trichlorophenol	ND	400		mg/L	1	2/25/2011 1:53:14 AM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	2/25/2011 1:53:14 AM
Cresols, Total	ND	200		mg/L	1	2/25/2011 1:53:14 AM
Surr: 2,4,6-Tribromophenol	98.2	21.6-121		%REC	1	2/25/2011 1:53:14 AM
Surr: 2-Fluorobiphenyl	76.2	36.3-107		%REC	1	2/25/2011 1:53:14 AM
Surr: 2-Fluorophenol	52.7	7.63-90		%REC	1	2/25/2011 1:53:14 AM
Surr: 4-Terphenyl-d14	85.9	39-110		%REC	1	2/25/2011 1:53:14 AM
Surr: Nitrobenzene-d5	72.4	36.9-110		%REC	1	2/25/2011 1:53:14 AM
Surr: Phenol-d5	51.8	13.3-67.7		%REC	1	2/25/2011 1:53:14 AM
VOLATILES BY 8260B/1311						Analyst: **DAM**
Benzene	ND	0.50		mg/L	1	2/28/2011 11:01:03 PM
2-Butanone	ND	10		mg/L	1	2/28/2011 11:01:03 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	2/28/2011 11:01:03 PM
Chlorobenzene	ND	100		mg/L	1	2/28/2011 11:01:03 PM
Chloroform	ND	6.0		mg/L	1	2/28/2011 11:01:03 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	2/28/2011 11:01:03 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	2/28/2011 11:01:03 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	2/28/2011 11:01:03 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/28/2011 11:01:03 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	2/28/2011 11:01:03 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	2/28/2011 11:01:03 PM
Vinyl chloride	ND	0.20		mg/L	1	2/28/2011 11:01:03 PM
Surr: 1,2-Dichloroethane-d4	89.2	69.9-130		%REC	1	2/28/2011 11:01:03 PM
Surr: 4-Bromofluorobenzene	96.4	71.2-123		%REC	1	2/28/2011 11:01:03 PM
Surr: Dibromofluoromethane	111	73.9-134		%REC	1	2/28/2011 11:01:03 PM
Surr: Toluene-d8	104	81.9-122		%REC	1	2/28/2011 11:01:03 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	2/25/2011
2,4-D	ND	0.10		mg/L	1	2/25/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.3	0.10		pH Units	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106134IDW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:43:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative	0		°F	1	2/25/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	2/25/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	2/25/2011

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106134IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:50:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-06	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	2/24/2011 4:29:31 PM
Endrin	ND	0.020		mg/L	1	2/24/2011 4:29:31 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	2/24/2011 4:29:31 PM
Heptachlor	ND	0.0080		mg/L	1	2/24/2011 4:29:31 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	2/24/2011 4:29:31 PM
Methoxychlor	ND	10		mg/L	1	2/24/2011 4:29:31 PM
Toxaphene	ND	0.50		mg/L	1	2/24/2011 4:29:31 PM
Surr: Decachlorobiphenyl	101	39-142		%REC	1	2/24/2011 4:29:31 PM
Surr: Tetrachloro-m-xylene	101	38.7-136		%REC	1	2/24/2011 4:29:31 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/24/2011 3:16:04 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/24/2011 3:16:04 PM
Surr: DNOP	88.8	81.8-129		%REC	1	2/24/2011 3:16:04 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/24/2011 4:49:15 PM
Surr: BFB	88.8	89.7-125	S	%REC	1	2/24/2011 4:49:15 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	3/2/2011 3:28:15 AM
Benzene	ND	0.050		mg/Kg	1	3/2/2011 3:28:15 AM
Toluene	ND	0.050		mg/Kg	1	3/2/2011 3:28:15 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/2/2011 3:28:15 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/2/2011 3:28:15 AM
Surr: 4-Bromofluorobenzene	101	85.3-139		%REC	1	3/2/2011 3:28:15 AM
MERCURY, TCLP						Analyst: **IC**
Mercury	ND	0.020		mg/L	1	2/28/2011 2:55:29 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **RAGS**
Arsenic	ND	5.0		mg/L	1	2/25/2011 1:50:36 PM
Barium	ND	100		mg/L	5	2/25/2011 1:27:14 PM
Cadmium	ND	1.0		mg/L	1	2/25/2011 1:20:38 PM
Chromium	ND	5.0		mg/L	1	2/25/2011 1:20:38 PM
Lead	ND	5.0		mg/L	1	2/25/2011 1:20:38 PM
Selenium	ND	1.0		mg/L	1	2/25/2011 1:20:38 PM
Silver	ND	5.0		mg/L	1	2/25/2011 1:20:38 PM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	2/25/2011 2:21:54 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106134IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:50:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-06	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	2/25/2011 2:21:54 AM
Hexachlorobutadiene	ND	0.50		mg/L	1	2/25/2011 2:21:54 AM
Hexachloroethane	ND	3.0		mg/L	1	2/25/2011 2:21:54 AM
Nitrobenzene	ND	2.0		mg/L	1	2/25/2011 2:21:54 AM
Pentachlorophenol	ND	100		mg/L	1	2/25/2011 2:21:54 AM
Pyridine	ND	5.0		mg/L	1	2/25/2011 2:21:54 AM
2,4,5-Trichlorophenol	ND	400		mg/L	1	2/25/2011 2:21:54 AM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	2/25/2011 2:21:54 AM
Cresols, Total	ND	200		mg/L	1	2/25/2011 2:21:54 AM
Surr: 2,4,6-Tribromophenol	101	21.6-121		%REC	1	2/25/2011 2:21:54 AM
Surr: 2-Fluorobiphenyl	85.3	36.3-107		%REC	1	2/25/2011 2:21:54 AM
Surr: 2-Fluorophenol	59.8	7.63-90		%REC	1	2/25/2011 2:21:54 AM
Surr: 4-Terphenyl-d14	89.7	39-110		%REC	1	2/25/2011 2:21:54 AM
Surr: Nitrobenzene-d5	83.6	36.9-110		%REC	1	2/25/2011 2:21:54 AM
Surr: Phenol-d5	56.3	13.3-67.7		%REC	1	2/25/2011 2:21:54 AM
VOLATILES BY 8260B/1311						Analyst: **DAM**
Benzene	ND	0.50		mg/L	1	3/1/2011 8:51:08 PM
2-Butanone	ND	10		mg/L	1	3/1/2011 8:51:08 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	3/1/2011 8:51:08 PM
Chlorobenzene	ND	100		mg/L	1	3/1/2011 8:51:08 PM
Chloroform	ND	6.0		mg/L	1	3/1/2011 8:51:08 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	3/1/2011 8:51:08 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	3/1/2011 8:51:08 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	3/1/2011 8:51:08 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	3/1/2011 8:51:08 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	3/1/2011 8:51:08 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	3/1/2011 8:51:08 PM
Vinyl chloride	ND	0.20		mg/L	1	3/1/2011 8:51:08 PM
Surr: 1,2-Dichloroethane-d4	90.2	69.9-130		%REC	1	3/1/2011 8:51:08 PM
Surr: 4-Bromofluorobenzene	90.7	71.2-123		%REC	1	3/1/2011 8:51:08 PM
Surr: Dibromofluoromethane	116	73.9-134		%REC	1	3/1/2011 8:51:08 PM
Surr: Toluene-d8	102	81.9-122		%REC	1	3/1/2011 8:51:08 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	2/25/2011
2,4-D	ND	0.10		mg/L	1	2/25/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.4	0.10		pH Units	1	2/25/2011

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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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106134IDW2
Lab Order:	1102662	**Collection Date:**	2/21/2011 8:50:00 AM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-06	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative	0		°F	1	2/25/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	2/25/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	15		mg/Kg	1	2/25/2011

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NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Date: *07-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106115WW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 2:00:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **JB**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	2/28/2011 2:58:06 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	2/28/2011 2:58:06 PM
Surr: DNOP	128	86.9-151		%REC	1	2/28/2011 2:58:06 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	0.086	0.050		mg/L	1	2/23/2011 7:12:10 PM
Surr: BFB	105	79.4-132		%REC	1	2/23/2011 7:12:10 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **RAGS**
Lead	0.024	0.010		mg/L	2	3/2/2011 11:05:38 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Acenaphthylene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Aniline	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Anthracene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Azobenzene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Benz(a)anthracene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Benzo(a)pyrene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Benzoic acid	34	20		µg/L	1	2/24/2011 6:02:29 PM
Benzyl alcohol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Bis(2-ethylhexyl)phthalate	32	10		µg/L	1	2/24/2011 6:02:29 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Butyl benzyl phthalate	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Carbazole	ND	10		µg/L	1	2/24/2011 6:02:29 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
4-Chloroaniline	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2-Chloronaphthalene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2-Chlorophenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Chrysene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Di-n-butyl phthalate	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Di-n-octyl phthalate	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Dibenzofuran	ND	10		µg/L	1	2/24/2011 6:02:29 PM

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Hall Environmental Analysis Laboratory, Inc.

Date: *07-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106115WW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 2:00:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
1,2-Dichlorobenzene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Diethyl phthalate	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Dimethyl phthalate	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2,4-Dichlorophenol	ND	20		µg/L	1	2/24/2011 6:02:29 PM
2,4-Dimethylphenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	2/24/2011 6:02:29 PM
2,4-Dinitrophenol	ND	20		µg/L	1	2/24/2011 6:02:29 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Fluoranthene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Fluorene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Hexachlorobenzene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Hexachlorobutadiene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Hexachloroethane	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Isophorone	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2-Methylnaphthalene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2-Methylphenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
3+4-Methylphenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	2/24/2011 6:02:29 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	2/24/2011 6:02:29 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Naphthalene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2-Nitroaniline	ND	10		µg/L	1	2/24/2011 6:02:29 PM
3-Nitroaniline	ND	10		µg/L	1	2/24/2011 6:02:29 PM
4-Nitroaniline	ND	20		µg/L	1	2/24/2011 6:02:29 PM
Nitrobenzene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2-Nitrophenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
4-Nitrophenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Pentachlorophenol	ND	20		µg/L	1	2/24/2011 6:02:29 PM
Phenanthrene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Phenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Pyrene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
Pyridine	ND	10		µg/L	1	2/24/2011 6:02:29 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	2/24/2011 6:02:29 PM

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Date: *07-Mar-11*

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Lab Order:	1102662	**Collection Date:**	2/21/2011 2:00:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Surr: 2,4,6-Tribromophenol	78.9	17.5-104		%REC	1	2/24/2011 6:02:29 PM
Surr: 2-Fluorobiphenyl	72.7	30.9-98.9		%REC	1	2/24/2011 6:02:29 PM
Surr: 2-Fluorophenol	63.9	12.4-90.1		%REC	1	2/24/2011 6:02:29 PM
Surr: 4-Terphenyl-d14	64.4	43.5-91.9		%REC	1	2/24/2011 6:02:29 PM
Surr: Nitrobenzene-d5	72.3	26.2-108		%REC	1	2/24/2011 6:02:29 PM
Surr: Phenol-d5	56.4	11.8-73.1		%REC	1	2/24/2011 6:02:29 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Toluene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Ethylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Naphthalene	ND	2.0		µg/L	1	2/25/2011 5:28:59 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	2/25/2011 5:28:59 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	2/25/2011 5:28:59 PM
Acetone	ND	10		µg/L	1	2/25/2011 5:28:59 PM
Bromobenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Bromodichloromethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Bromoform	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Bromomethane	ND	3.0		µg/L	1	2/25/2011 5:28:59 PM
2-Butanone	ND	10		µg/L	1	2/25/2011 5:28:59 PM
Carbon disulfide	ND	10		µg/L	1	2/25/2011 5:28:59 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Chlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Chloroethane	ND	2.0		µg/L	1	2/25/2011 5:28:59 PM
Chloroform	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Chloromethane	ND	3.0		µg/L	1	2/25/2011 5:28:59 PM
2-Chlorotoluene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
4-Chlorotoluene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
cis-1,2-DCE	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	2/25/2011 5:28:59 PM
Dibromochloromethane	1.8	1.0		µg/L	1	2/25/2011 5:28:59 PM
Dibromomethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM

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
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Hall Environmental Analysis Laboratory, Inc.

Date: *07-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106115WW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 2:00:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Dichlorodifluoromethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	2/25/2011 5:28:59 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
2-Hexanone	ND	10		µg/L	1	2/25/2011 5:28:59 PM
Isopropylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	2/25/2011 5:28:59 PM
Methylene Chloride	ND	3.0		µg/L	1	2/25/2011 5:28:59 PM
n-Butylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
n-Propylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
sec-Butylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Styrene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
tert-Butylbenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	2/25/2011 5:28:59 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
trans-1,2-DCE	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	2/25/2011 5:28:59 PM
Vinyl chloride	ND	1.0		µg/L	1	2/25/2011 5:28:59 PM
Xylenes, Total	ND	1.5		µg/L	1	2/25/2011 5:28:59 PM
Surr: 1,2-Dichloroethane-d4	106	77.7-113		%REC	1	2/25/2011 5:28:59 PM
Surr: 4-Bromofluorobenzene	102	76.4-106		%REC	1	2/25/2011 5:28:59 PM
Surr: Dibromofluoromethane	93.7	91.6-125		%REC	1	2/25/2011 5:28:59 PM
Surr: Toluene-d8	122	92.3-107	S	%REC	1	2/25/2011 5:28:59 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106108WW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 2:15:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **JB**
Diesel Range Organics (DRO)	1.1	1.0		mg/L	1	2/28/2011 4:39:43 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	2/28/2011 4:39:43 PM
Surr: DNOP	127	86.9-151		%REC	1	2/28/2011 4:39:43 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	0.096	0.050		mg/L	1	2/23/2011 11:12:36 PM
Surr: BFB	99.0	79.4-132		%REC	1	2/23/2011 11:12:36 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **RAGS**
Lead	0.051	0.010		mg/L	2	3/2/2011 11:08:01 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Acenaphthylene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Aniline	14	10		µg/L	1	2/24/2011 6:31:20 PM
Anthracene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Azobenzene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Benz(a)anthracene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Benzo(a)pyrene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Benzoic acid	ND	20		µg/L	1	2/24/2011 6:31:20 PM
Benzyl alcohol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Bis(2-ethylhexyl)phthalate	22	10		µg/L	1	2/24/2011 6:31:20 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Butyl benzyl phthalate	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Carbazole	ND	10		µg/L	1	2/24/2011 6:31:20 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
4-Chloroaniline	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2-Chloronaphthalene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2-Chlorophenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Chrysene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Di-n-butyl phthalate	13	10		µg/L	1	2/24/2011 6:31:20 PM
Di-n-octyl phthalate	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Dibenzofuran	ND	10		µg/L	1	2/24/2011 6:31:20 PM

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106108WW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 2:15:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
1,2-Dichlorobenzene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Diethyl phthalate	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Dimethyl phthalate	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2,4-Dichlorophenol	ND	20		µg/L	1	2/24/2011 6:31:20 PM
2,4-Dimethylphenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	2/24/2011 6:31:20 PM
2,4-Dinitrophenol	ND	20		µg/L	1	2/24/2011 6:31:20 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Fluoranthene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Fluorene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Hexachlorobenzene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Hexachlorobutadiene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Hexachloroethane	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Isophorone	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2-Methylnaphthalene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2-Methylphenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
3+4-Methylphenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	2/24/2011 6:31:20 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	2/24/2011 6:31:20 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Naphthalene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2-Nitroaniline	ND	10		µg/L	1	2/24/2011 6:31:20 PM
3-Nitroaniline	ND	10		µg/L	1	2/24/2011 6:31:20 PM
4-Nitroaniline	ND	20		µg/L	1	2/24/2011 6:31:20 PM
Nitrobenzene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2-Nitrophenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
4-Nitrophenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Pentachlorophenol	ND	20		µg/L	1	2/24/2011 6:31:20 PM
Phenanthrene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Phenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Pyrene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
Pyridine	ND	10		µg/L	1	2/24/2011 6:31:20 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	2/24/2011 6:31:20 PM

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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106108WW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 2:15:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Surr: 2,4,6-Tribromophenol	67.3	17.5-104		%REC	1	2/24/2011 6:31:20 PM
Surr: 2-Fluorobiphenyl	79.9	30.9-98.9		%REC	1	2/24/2011 6:31:20 PM
Surr: 2-Fluorophenol	53.1	12.4-90.1		%REC	1	2/24/2011 6:31:20 PM
Surr: 4-Terphenyl-d14	73.9	43.5-91.9		%REC	1	2/24/2011 6:31:20 PM
Surr: Nitrobenzene-d5	83.0	26.2-108		%REC	1	2/24/2011 6:31:20 PM
Surr: Phenol-d5	67.9	11.8-73.1		%REC	1	2/24/2011 6:31:20 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Toluene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Ethylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Naphthalene	ND	2.0		µg/L	1	2/25/2011 5:55:45 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	2/25/2011 5:55:45 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	2/25/2011 5:55:45 PM
Acetone	ND	10		µg/L	1	2/25/2011 5:55:45 PM
Bromobenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Bromodichloromethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Bromoform	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Bromomethane	ND	3.0		µg/L	1	2/25/2011 5:55:45 PM
2-Butanone	ND	10		µg/L	1	2/25/2011 5:55:45 PM
Carbon disulfide	ND	10		µg/L	1	2/25/2011 5:55:45 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Chlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Chloroethane	ND	2.0		µg/L	1	2/25/2011 5:55:45 PM
Chloroform	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Chloromethane	ND	3.0		µg/L	1	2/25/2011 5:55:45 PM
2-Chlorotoluene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
4-Chlorotoluene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
cis-1,2-DCE	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	2/25/2011 5:55:45 PM
Dibromochloromethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Dibromomethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 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-Mar-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106108WW1
Lab Order:	1102662	**Collection Date:**	2/21/2011 2:15:00 PM
Project:	KAFB BFF	**Date Received:**	2/21/2011
Lab ID:	1102662-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Dichlorodifluoromethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	2/25/2011 5:55:45 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
2-Hexanone	ND	10		µg/L	1	2/25/2011 5:55:45 PM
Isopropylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
4-Methyl-2-pentanone	11	10		µg/L	1	2/25/2011 5:55:45 PM
Methylene Chloride	ND	3.0		µg/L	1	2/25/2011 5:55:45 PM
n-Butylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
n-Propylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
sec-Butylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Styrene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
tert-Butylbenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	2/25/2011 5:55:45 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
trans-1,2-DCE	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	2/25/2011 5:55:45 PM
Vinyl chloride	ND	1.0		µg/L	1	2/25/2011 5:55:45 PM
Xylenes, Total	ND	1.5		µg/L	1	2/25/2011 5:55:45 PM
Surr: 1,2-Dichloroethane-d4	98.4	77.7-113		%REC	1	2/25/2011 5:55:45 PM
Surr: 4-Bromofluorobenzene	115	76.4-106	S	%REC	1	2/25/2011 5:55:45 PM
Surr: Dibromofluoromethane	89.2	91.6-125	S	%REC	1	2/25/2011 5:55:45 PM
Surr: Toluene-d8	116	92.3-107	S	%REC	1	2/25/2011 5:55:45 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

QA/QC SUMMARY REPORT

Client: Shaw Environmental, Inc.
Project: KAFB BFF **Work Order:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: 1102662-06AMSD		*MSD*				Batch ID:	**25734**	Analysis Date:		2/24/2011 4:25:22 PM	
Diesel Range Organics (DRO)	63.89	mg/Kg	10	50	0	128	57.5	128	4.06	19.7	
Sample ID: MB-25734		*MBLK*				Batch ID:	**25734**	Analysis Date:		2/24/2011 10:40:51 AM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-25734		*LCS*				Batch ID:	**25734**	Analysis Date:		2/24/2011 4:59:56 PM	
Diesel Range Organics (DRO)	59.52	mg/Kg	10	50	0	119	66.2	120			
Sample ID: LCSD-25734		*LCSD*				Batch ID:	**25734**	Analysis Date:		2/24/2011 11:39:43 AM	
Diesel Range Organics (DRO)	58.15	mg/Kg	10	50	0	116	66.2	120	2.32	14.3	
Sample ID: 1102662-06AMS		*MS*				Batch ID:	**25734**	Analysis Date:		2/24/2011 3:50:45 PM	
Diesel Range Organics (DRO)	61.35	mg/Kg	10	50	0	123	57.5	128			
Method: EPA Method 8015B: Diesel Range											
Sample ID: 1102662-07BMSD		*MSD*				Batch ID:	**25776**	Analysis Date:		2/28/2011 4:05:54 PM	
Diesel Range Organics (DRO)	6.494	mg/L	1.0	5	0	130	70	130	0.0139	20	
Sample ID: MB-25776		*MBLK*				Batch ID:	**25776**	Analysis Date:		2/28/2011 1:16:33 PM	
Diesel Range Organics (DRO)	ND	mg/L	1.0								
Motor Oil Range Organics (MRO)	ND	mg/L	5.0								
Sample ID: LCS-25776		*LCS*				Batch ID:	**25776**	Analysis Date:		2/28/2011 1:50:27 PM	
Diesel Range Organics (DRO)	6.627	mg/L	1.0	5	0	133	74	157			
Sample ID: LCSD-25776		*LCSD*				Batch ID:	**25776**	Analysis Date:		2/28/2011 2:24:18 PM	
Diesel Range Organics (DRO)	6.374	mg/L	1.0	5	0	127	74	157	3.89	23	
Sample ID: 1102662-07BMS		*MS*				Batch ID:	**25776**	Analysis Date:		2/28/2011 3:32:01 PM	
Diesel Range Organics (DRO)	6.494	mg/L	1.0	5	0	130	70	130			
Method: EPA Method 8015B: Gasoline Range											
Sample ID: MB-25727		*MBLK*				Batch ID:	**25727**	Analysis Date:		2/24/2011 8:11:33 PM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-25727		*LCS*				Batch ID:	**25727**	Analysis Date:		2/24/2011 6:15:58 PM	
Gasoline Range Organics (GRO)	23.28	mg/Kg	5.0	25	0	93.1	95.7	120			S
Method: EPA Method 8015B: Gasoline Range											
Sample ID: 5ML RB		*MBLK*				Batch ID:	**R43806**	Analysis Date:		2/23/2011 9:16:57 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050								
Sample ID: 2.5UG GRO LCS		*LCS*				Batch ID:	**R43806**	Analysis Date:		2/23/2011 7:42:01 PM	
Gasoline Range Organics (GRO)	0.5006	mg/L	0.050	0.5	0	100	83.7	124			
Sample ID: 2.5UG GRO LCSD		*LCSD*				Batch ID:	**R43806**	Analysis Date:		2/23/2011 8:12:08 PM	
Gasoline Range Organics (GRO)	0.4840	mg/L	0.050	0.5	0	96.8	83.7	124	3.37	12	

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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles											
Sample ID: 1102662-01AMSD		*MSD*				Batch ID:	**25727**	Analysis Date:		3/2/2011 4:28:14 AM	
Methyl tert-butyl ether (MTBE)	0.9691	mg/Kg	0.10	1	0	96.9	61.3	215	0.361	19.6	
Benzene	0.9825	mg/Kg	0.050	1	0	98.3	67.2	113	2.31	14.3	
Toluene	0.9585	mg/Kg	0.050	1	0	95.9	62.1	116	2.10	15.9	
Ethylbenzene	1.044	mg/Kg	0.050	1	0	104	67.9	127	2.47	14.4	
Xylenes, Total	3.211	mg/Kg	0.10	3	0	107	60.6	134	1.12	12.6	
Sample ID: MB-25727		*MBLK*				Batch ID:	**25727**	Analysis Date:		3/2/2011 5:28:18 AM	
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-25727		*LCS*				Batch ID:	**25727**	Analysis Date:		3/2/2011 4:58:20 AM	
Methyl tert-butyl ether (MTBE)	1.035	mg/Kg	0.10	1	0	104	65.5	229			
Benzene	1.009	mg/Kg	0.050	1	0	101	83.3	107			
Toluene	0.9671	mg/Kg	0.050	1	0	96.7	74.3	115			
Ethylbenzene	1.047	mg/Kg	0.050	1	0.0063	104	80.9	122			
Xylenes, Total	3.256	mg/Kg	0.10	3	0	109	85.2	123			
Sample ID: 1102662-01AMS		*MS*				Batch ID:	**25727**	Analysis Date:		3/2/2011 3:58:10 AM	
Methyl tert-butyl ether (MTBE)	0.9726	mg/Kg	0.10	1	0	97.3	61.3	215			
Benzene	0.9601	mg/Kg	0.050	1	0	96.0	67.2	113			
Toluene	0.9386	mg/Kg	0.050	1	0	93.9	62.1	116			
Ethylbenzene	1.019	mg/Kg	0.050	1	0	102	67.9	127			
Xylenes, Total	3.175	mg/Kg	0.10	3	0	106	60.6	134			
Method: EPA Method 8081: Pesticides TCLP											
Sample ID: MB-25741		*MBLK*				Batch ID:	**25741**	Analysis Date:		2/24/2011 11:36:46 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-25741		*LCS*				Batch ID:	**25741**	Analysis Date:		2/24/2011 11:53:54 AM	
Endrin	0.0004840	mg/L	0.00010	0.0005	0	96.8	40.1	129			
gamma-BHC (Lindane)	0.0004750	mg/L	0.00010	0.0005	0	95.0	35.7	132			
Heptachlor	0.0004400	mg/L	0.00010	0.0005	0	88.0	32.8	124			
Heptachlor epoxide	0.0004350	mg/L	0.00010	0.0005	0	87.0	35.9	131			
Methoxychlor	0.0004560	mg/L	0.00010	0.0005	0	91.2	45.5	128			

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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8151: Herbicides TCLP											
Sample ID: MB-R43970		*MBLK*				Batch ID:	**R43970**	Analysis Date:			2/25/2011
2,4,5-TP (Silvex)	ND	mg/L	0.10								
2,4-D	ND	mg/L	0.10								
Pentachlorophenol	ND	mg/L	0.10								
Sample ID: LCS-R43970		*LCS*				Batch ID:	**R43970**	Analysis Date:			2/25/2011
2,4,5-TP (Silvex)	0.002480	mg/L	0.0010	0.003	0	99.2	50	150			
2,4-D	0.009180	mg/L	0.0010	0.01	0	91.8	50	150			
Pentachlorophenol	0.0007030	mg/L	0.00010	0.001	0	70.3	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: 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml-rb		*MBLK*				Batch ID:	**R43885**	Analysis Date:	2/25/2011 10:03:34 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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml-rb		*MBLK*				Batch ID:	**R43885**	Analysis Date:	2/25/2011 10:03:34 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: 100ng lcs		*LCS*				Batch ID:	**R43885**	Analysis Date:	2/25/2011 10:56:35 AM		
Benzene	21.37	µg/L	1.0	20	0	107	84.6	109			
Toluene	21.43	µg/L	1.0	20	0	107	81	114			
Chlorobenzene	20.02	µg/L	1.0	20	0	100	85.2	113			
1,1-Dichloroethene	20.18	µg/L	1.0	20	0	101	79.6	124			
Trichloroethene (TCE)	19.97	µg/L	1.0	20	0	99.8	78.3	102			

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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: Volatiles by 8260B/1311											
Sample ID: 1102662-01BMSD		*MSD*				Batch ID:	**25737**	Analysis Date:		2/25/2011 3:46:19 AM	
Benzene	0.3863	mg/L	0.010	0.4	0	96.6	51.1	171	0.366	0	
Chlorobenzene	0.4244	mg/L	0.010	0.4	0	106	36.1	191	1.66	0	
1,1-Dichloroethene	0.3839	mg/L	0.010	0.4	0	96.0	49.1	162	0.524	0	
Trichloroethene (TCE)	0.3634	mg/L	0.010	0.4	0	90.9	41.2	166	0.714	0	
Sample ID: mb-25737		*MBLK*				Batch ID:	**25737**	Analysis Date:		2/25/2011 12:29:42 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-25752		*MBLK*				Batch ID:	**25752**	Analysis Date:		2/28/2011 9:08:07 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: mb-25781		*MBLK*				Batch ID:	**25781**	Analysis Date:		3/1/2011 10:44:33 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								

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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: Volatiles by 8260B/1311											
Sample ID: lcs-25737		*LCS*				Batch ID:	**25737**	Analysis Date:	2/25/2011 12:57:49 AM		
Benzene	0.3689	mg/L	0.010	0.4	0	92.2	51.1	171			
Chlorobenzene	0.4215	mg/L	0.010	0.4	0.0019	105	36.1	191			
1,1-Dichloroethene	0.3822	mg/L	0.010	0.4	0	95.6	49.1	162			
Trichloroethene (TCE)	0.3522	mg/L	0.010	0.4	0	88.0	41.2	166			
Sample ID: lcs-25752		*LCS*				Batch ID:	**25752**	Analysis Date:	2/28/2011 11:29:02 PM		
Benzene	0.3971	mg/L	0.010	0.02	0	1990	51.1	171			S
Chlorobenzene	0.4293	mg/L	0.010	0.02	0.002	2140	36.1	191			S
1,1-Dichloroethene	0.4522	mg/L	0.010	0.02	0	2260	49.1	162			S
Trichloroethene (TCE)	0.3564	mg/L	0.010	0.02	0	1780	41.2	166			S
Sample ID: lcs-25781		*LCS*				Batch ID:	**25781**	Analysis Date:	3/1/2011 11:12:43 PM		
Benzene	0.4062	mg/L	0.010	0.4	0	102	51.1	171			
Chlorobenzene	0.4238	mg/L	0.010	0.4	0	106	36.1	191			
1,1-Dichloroethene	0.4599	mg/L	0.010	0.4	0	115	49.1	162			
Trichloroethene (TCE)	0.3703	mg/L	0.010	0.4	0	92.6	41.2	166			
Sample ID: 1102662-01BMS		*MS*				Batch ID:	**25737**	Analysis Date:	2/25/2011 3:18:15 AM		
Benzene	0.3849	mg/L	0.010	0.4	0	96.2	51.1	171			
Chlorobenzene	0.4315	mg/L	0.010	0.4	0	108	36.1	191			
1,1-Dichloroethene	0.3859	mg/L	0.010	0.4	0	96.5	49.1	162			
Trichloroethene (TCE)	0.3608	mg/L	0.010	0.4	0	90.2	41.2	166			

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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: mb-25739		*MBLK*				Batch ID:	**25739**	Analysis Date:	2/24/2011 2:09:04 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	10								
1,3-Dichlorobenzene	ND	µg/L	10								
1,4-Dichlorobenzene	ND	µg/L	10								
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	20								
2,4-Dinitrotoluene	ND	µg/L	10								
2,6-Dinitrotoluene	ND	µg/L	10								
Fluoranthene	ND	µg/L	10								
Fluorene	ND	µg/L	10								
Hexachlorobenzene	ND	µg/L	10								

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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: mb-25739		*MBLK*				Batch ID:	**25739**	Analysis Date:	2/24/2011 2:09:04 PM		
Hexachlorobutadiene	ND	µg/L	10								
Hexachlorocyclopentadiene	ND	µg/L	10								
Hexachloroethane	ND	µg/L	10								
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	10								
3+4-Methylphenol	ND	µg/L	10								
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	20								
Nitrobenzene	ND	µg/L	10								
2-Nitrophenol	ND	µg/L	10								
4-Nitrophenol	ND	µg/L	10								
Pentachlorophenol	ND	µg/L	20								
Phenanthrene	ND	µg/L	10								
Phenol	ND	µg/L	10								
Pyrene	ND	µg/L	10								
Pyridine	ND	µg/L	10								
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-25739		*LCS*				Batch ID:	**25739**	Analysis Date:	2/24/2011 3:07:28 PM		
Acenaphthene	72.88	µg/L	10	100	0	72.9	31	99.4			
4-Chloro-3-methylphenol	137.6	µg/L	10	200	0	68.8	34.3	111			
2-Chlorophenol	127.1	µg/L	10	200	0	63.6	24.1	98.7			
1,4-Dichlorobenzene	64.36	µg/L	10	100	0	64.4	20.6	85.6			
2,4-Dinitrotoluene	65.96	µg/L	10	100	0	66.0	26.6	126			
N-Nitrosodi-n-propylamine	73.52	µg/L	10	100	0	73.5	29.2	94.4			
4-Nitrophenol	82.88	µg/L	10	200	0	41.4	9.87	86			
Pentachlorophenol	128.0	µg/L	20	200	0	64.0	20	97.8			
Phenol	89.56	µg/L	10	200	0	44.8	17.5	60.5			
Pyrene	70.50	µg/L	10	100	0	70.5	46.8	92.2			
1,2,4-Trichlorobenzene	64.80	µg/L	10	100	0	64.8	25.2	92.3			
Sample ID: lcsd-25739		*LCSD*				Batch ID:	**25739**	Analysis Date:	2/24/2011 3:36:39 PM		
Acenaphthene	72.14	µg/L	10	100	0	72.1	31	99.4	1.02	30	
4-Chloro-3-methylphenol	136.9	µg/L	10	200	0	68.4	34.3	111	0.554	30.8	
2-Chlorophenol	130.9	µg/L	10	200	0	65.5	24.1	98.7	2.98	31	
1,4-Dichlorobenzene	60.30	µg/L	10	100	0	60.3	20.6	85.6	6.51	37	
2,4-Dinitrotoluene	70.30	µg/L	10	100	0	70.3	26.6	126	6.37	34.5	

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:** 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: lcsd-25739		*LCSD*				Batch ID:	**25739**	Analysis Date:		2/24/2011 3:36:39 PM	
N-Nitrosodi-n-propylamine	74.54	µg/L	10	100	0	74.5	29.2	94.4	1.38	30.8	
4-Nitrophenol	94.22	µg/L	10	200	0	47.1	9.87	86	12.8	61.1	
Pentachlorophenol	140.1	µg/L	20	200	0	70.1	20	97.8	9.01	64.8	
Phenol	91.44	µg/L	10	200	0	45.7	17.5	60.5	2.08	31.4	
Pyrene	84.76	µg/L	10	100	0	84.8	46.8	92.2	18.4	29.8	
1,2,4-Trichlorobenzene	61.82	µg/L	10	100	0	61.8	25.2	92.3	4.71	30.9	
Method: EPA Method 8270C TCLP											
Sample ID: mb-25740		*MBLK*				Batch ID:	**25740**	Analysis Date:		2/24/2011 2:38:10 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-25740		*LCS*				Batch ID:	**25740**	Analysis Date:		2/24/2011 7:00:02 PM	
2,4-Dinitrotoluene	0.06274	mg/L	0.010	0.1	0	62.7	21.5	129			
Hexachlorobenzene	0.04578	mg/L	0.010	0.1	0	45.8	26.2	83.3			
Hexachlorobutadiene	0.05278	mg/L	0.010	0.1	0	52.8	25.9	83.4			
Hexachloroethane	0.05290	mg/L	0.010	0.1	0	52.9	30.5	77.5			
Nitrobenzene	0.05788	mg/L	0.010	0.1	0	57.9	34.6	97.6			
Pentachlorophenol	0.1302	mg/L	0.010	0.1	0	130	13.3	88.7			S
Pyridine	0.02654	mg/L	0.010	0.1	0	26.5	5.1	70.6			
2,4,5-Trichlorophenol	0.07644	mg/L	0.010	0.1	0	76.4	11.7	104			
2,4,6-Trichlorophenol	0.06838	mg/L	0.010	0.1	0	68.4	11.6	100			
Cresols, Total	0.1739	mg/L	0.010	0.3	0	58.0	29.6	87			
Method: MERCURY, TCLP											
Sample ID: MB-25769		*MBLK*				Batch ID:	**25769**	Analysis Date:		2/28/2011 2:21:10 PM	
Mercury	ND	mg/L	0.020								
Sample ID: LCS-25769		*LCS*				Batch ID:	**25769**	Analysis Date:		2/28/2011 2:26:35 PM	
Mercury	ND	mg/L	0.040	0.005	0	103	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: 1102662

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 6010B: TCLP Metals											
Sample ID: MB-25759		*MBLK*				Batch ID:	**25759**	Analysis Date:	2/25/2011 12:00:37 PM		
Barium	ND	mg/L	100								
Cadmium	ND	mg/L	1.0								
Chromium	ND	mg/L	5.0								
Lead	ND	mg/L	5.0								
Silver	ND	mg/L	5.0								
Sample ID: MB-25759		*MBLK*				Batch ID:	**25759**	Analysis Date:	2/25/2011 3:42:36 PM		
Arsenic	ND	mg/L	5.0								
Selenium	ND	mg/L	1.0								
Sample ID: LCS-25759		*LCS*				Batch ID:	**25759**	Analysis Date:	2/25/2011 12:03:00 PM		
Barium	ND	mg/L	100	0.5	0.0023	107	80	120			
Cadmium	ND	mg/L	1.0	0.5	0	115	80	120			
Chromium	ND	mg/L	5.0	0.5	0	107	80	120			
Lead	ND	mg/L	5.0	0.5	0.0029	103	80	120			
Silver	ND	mg/L	5.0	0.5	0	113	80	120			
Sample ID: LCS-25759		*LCS*				Batch ID:	**25759**	Analysis Date:	2/25/2011 3:44:58 PM		
Arsenic	ND	mg/L	5.0	0.5	0	117	80	120			
Selenium	ND	mg/L	1.0	0.5	0	119	80	120			
Method: EPA 6010B: Total Recoverable Metals											
Sample ID: MB-25788		*MBLK*				Batch ID:	**25788**	Analysis Date:	3/2/2011 10:38:23 AM		
Lead	ND	mg/L	0.0050								
Sample ID: LCS-25788		*LCS*				Batch ID:	**25788**	Analysis Date:	3/2/2011 10:41:39 AM		
Lead	0.5181	mg/L	0.0050	0.5	0	104	80	120			
Method: CYANIDE, Reactive											
Sample ID: MB-R43970		*MBLK*				Batch ID:	**R43970**	Analysis Date:	2/25/2011		
Reactive Cyanide	ND	mg/Kg	10								
Sample ID: LCS-R43970		*LCS*				Batch ID:	**R43970**	Analysis Date:	2/25/2011		
Reactive Cyanide	0.5040	mg/Kg	0.20	0.5	0	101	70	130			
Method: SULFIDE, Reactive											
Sample ID: MB-R43970		*MBLK*				Batch ID:	**R43970**	Analysis Date:	2/25/2011		
Reactive Sulfide	ND	mg/Kg	10								
Sample ID: LCS-R43970		*LCS*				Batch ID:	**R43970**	Analysis Date:	2/25/2011		
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: 2/21/2011

Work Order Number 1102662

Received by: AT

Sample ID labels checked by: dam
Initials

Checklist completed by: [signature] 02/21/11
Signature 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 ☐		
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 ☐	

Number of preserved bottles checked for pH: 2

(<2) >12 unless noted below.

Container/Temp Blank temperature? **12.7°** *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: per KJ TAT is 10 DAY /A 2/22/11

Corrective Action _____

Shaw™ Shaw E & I

CHAIN OF CUSTODY

Ref. Document # 140705 - IDW016

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: 2/21/11
Waybill/Airbill Number: Courier
Lab Destination: Hall Environ.
Lab Contact Name / ph. #: Hall Environ.

Sampler's Name(s): Kimberly Jones

	Sample ID Number	Sample Description	Collection Information Date	Time	G/C	Matrix	# of containers	Container type	HCL	NaOH	HNO_3	H_2SO_4	Ice	None	Full TCLP / RCI	BTEX / TPHG / TPHD								Turn Around Time Requested
1102662-1	106101IDW2	Rolloff - Drill Cuttings	2/21/11	0815	C	SOL	3	8 oz.						X	X									10D ← 2/22/11
-1	"	"	2/21/11	0815	C	SOL	1	4 oz.						X		X								10D
-2	106101IDW3	Rolloff - Drill Cuttings	2/21/11	0825	C	SOL	3	8 oz.						X	X									10D
-2	"	"	2/21/11	0825	C	SOL	1	4 oz.						X		X								10D
-3	106130IDW1	Rolloff - Drill Cuttings	2/21/11	0832	C	SOL	3	8 oz.						X	X									10D
-3	"	"	2/21/11	0832	C	SOL	1	4 oz.						X		X								10D
-4	106130IDW2	Rolloff - Drill Cuttings	2/21/11	0837	C	SOL	3	8 oz.						X	X									10D
-4	"	"	2/21/11	0837	C	SOL	1	4 oz.						X		X								10D
-5	106134IDW1	Rolloff - Drill Cuttings	2/21/11	0843	C	SOL	3	8 oz.						X	X									10D
-5	"	"	2/21/11	0843	C	SOL	1	4 oz.						X		X								10D

Special Instructions:

12.7°

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

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Kimberly Jones	2/21/11	1505	[illegible]	2/21/11	1505
			[illegible]	02/21/11	1533

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 - IDW016 Page 2 of 2

Project Number: 140705

Shipment Date: 2/21/11

Project Name / Location: KAFB BFF

	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	8260B/GRO	8270 C / DRO	6010C/Lead						Turn Around Time Requested
62662-6	106134 IDW2	Rolloff-Drill Cuttings	2/21/11	0850	C	SOL	3	8 oz.						X	X										10D
-6	"	"	2/21/11	0850	C	SOL	1	4 oz.						X		X									10D
-7	106115 WW1	Decon Wastewater	2/21/11	1400	G	WW	5	40 mL VOA	X								X								10D
-7	"	"	2/21/11	1400	G	WW	2	Amber						X				X							10D
-7	"	"	2/21/11	1400	G	WW	1	500 mL bottle			X								X						10D
-8	106108 WW1	Decon Wastewater	2/21/11	1415	G	WW	5	40 mL VOA	X								X								10D
-8	"	"	2/21/11	1415	G	WW	2	Amber						X				X							10D
-8	"	"	2/21/11	1415	G	WW	1	500 mL bottle			X								X						10D

AT 2/22/11