Hall Environmental Analysis Laboratory, Inc.

Date: *21-Jan-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106140IDW2
Lab Order:	1101390	**Collection Date:**	1/13/2011 11:05:00 AM
Project:	KAFB BFF	**Date Received:**	1/13/2011
Lab ID:	1101390-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	1/19/2011 1:58:54 PM
Endrin	ND	0.020		mg/L	1	1/19/2011 1:58:54 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	1/19/2011 1:58:54 PM
Heptachlor	ND	0.0080		mg/L	1	1/19/2011 1:58:54 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	1/19/2011 1:58:54 PM
Methoxychlor	ND	10		mg/L	1	1/19/2011 1:58:54 PM
Toxaphene	ND	0.50		mg/L	1	1/19/2011 1:58:54 PM
Surr: Decachlorobiphenyl	112	47.3-125		%REC	1	1/19/2011 1:58:54 PM
Surr: Tetrachloro-m-xylene	102	35.7-135		%REC	1	1/19/2011 1:58:54 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/16/2011 3:41:10 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/16/2011 3:41:10 AM
Surr: DNOP	99.9	81.8-129		%REC	1	1/16/2011 3:41:10 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/18/2011 5:21:38 PM
Surr: BFB	99.2	89.7-125		%REC	1	1/18/2011 5:21:38 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	1/18/2011 5:21:38 PM
Benzene	ND	0.050		mg/Kg	1	1/18/2011 5:21:38 PM
Toluene	ND	0.050		mg/Kg	1	1/18/2011 5:21:38 PM
Ethylbenzene	ND	0.050		mg/Kg	1	1/18/2011 5:21:38 PM
Xylenes, Total	ND	0.10		mg/Kg	1	1/18/2011 5:21:38 PM
Surr: 4-Bromofluorobenzene	120	88.9-151		%REC	1	1/18/2011 5:21:38 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	1/20/2011 12:16:23 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	1/20/2011 8:50:24 AM
Barium	ND	100		mg/L	1	1/20/2011 8:50:24 AM
Cadmium	ND	1.0		mg/L	1	1/20/2011 8:50:24 AM
Chromium	ND	5.0		mg/L	1	1/20/2011 8:50:24 AM
Lead	ND	5.0		mg/L	1	1/20/2011 8:50:24 AM
Selenium	ND	1.0		mg/L	1	1/20/2011 8:50:24 AM
Silver	ND	5.0		mg/L	1	1/20/2011 8:50:24 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	1/19/2011 12:11:07 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.

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Lab Order:	1101390	**Collection Date:**	1/13/2011 11:05:00 AM
Project:	KAFB BFF	**Date Received:**	1/13/2011
Lab ID:	1101390-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	1/19/2011 12:11:07 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	1/19/2011 12:11:07 PM
Hexachloroethane	ND	3.0		mg/L	1	1/19/2011 12:11:07 PM
Nitrobenzene	ND	2.0		mg/L	1	1/19/2011 12:11:07 PM
Pentachlorophenol	ND	100		mg/L	1	1/19/2011 12:11:07 PM
Pyridine	ND	5.0		mg/L	1	1/19/2011 12:11:07 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	1/19/2011 12:11:07 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	1/19/2011 12:11:07 PM
Cresols, Total	ND	200		mg/L	1	1/19/2011 12:11:07 PM
Surr: 2,4,6-Tribromophenol	76.2	21.6-121		%REC	1	1/19/2011 12:11:07 PM
Surr: 2-Fluorobiphenyl	77.6	36.3-107		%REC	1	1/19/2011 12:11:07 PM
Surr: 2-Fluorophenol	56.6	7.63-90		%REC	1	1/19/2011 12:11:07 PM
Surr: 4-Terphenyl-d14	79.3	39-110		%REC	1	1/19/2011 12:11:07 PM
Surr: Nitrobenzene-d5	74.0	36.9-110		%REC	1	1/19/2011 12:11:07 PM
Surr: Phenol-d5	39.9	13.3-67.7		%REC	1	1/19/2011 12:11:07 PM
VOLATILES BY 8260B/1311						Analyst: **MMS**
Benzene	ND	0.50		mg/L	1	1/18/2011 9:12:32 PM
2-Butanone	ND	10		mg/L	1	1/18/2011 9:12:32 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	1/18/2011 9:12:32 PM
Chlorobenzene	ND	100		mg/L	1	1/18/2011 9:12:32 PM
Chloroform	ND	6.0		mg/L	1	1/18/2011 9:12:32 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	1/18/2011 9:12:32 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	1/18/2011 9:12:32 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	1/18/2011 9:12:32 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	1/18/2011 9:12:32 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	1/18/2011 9:12:32 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	1/18/2011 9:12:32 PM
Vinyl chloride	ND	0.20		mg/L	1	1/18/2011 9:12:32 PM
Surr: 1,2-Dichloroethane-d4	86.8	69.9-130		%REC	1	1/18/2011 9:12:32 PM
Surr: 4-Bromofluorobenzene	105	71.2-123		%REC	1	1/18/2011 9:12:32 PM
Surr: Dibromofluoromethane	101	73.9-134		%REC	1	1/18/2011 9:12:32 PM
Surr: Toluene-d8	104	81.9-122		%REC	1	1/18/2011 9:12:32 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	1/19/2011
2,4-D	ND	0.10		mg/L	1	1/19/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.2	0.10		pH Units	1	1/18/2011

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

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Date: *21-Jan-11*

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Lab Order:	1101390	**Collection Date:**	1/13/2011 11:05:00 AM
Project:	KAFB BFF	**Date Received:**	1/13/2011
Lab ID:	1101390-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative			°F	1	1/17/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	1/19/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	10		mg/Kg	1	1/19/2011

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: *21-Jan-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106140IDW3
Lab Order:	1101390	**Collection Date:**	1/13/2011 10:45:00 AM
Project:	KAFB BFF	**Date Received:**	1/13/2011
Lab ID:	1101390-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8081: PESTICIDES TCLP						Analyst: **JDC**
Chlordane	ND	0.030		mg/L	1	1/19/2011 2:16:10 PM
Endrin	ND	0.020		mg/L	1	1/19/2011 2:16:10 PM
gamma-BHC (Lindane)	ND	0.40		mg/L	1	1/19/2011 2:16:10 PM
Heptachlor	ND	0.0080		mg/L	1	1/19/2011 2:16:10 PM
Heptachlor epoxide	ND	0.0080		mg/L	1	1/19/2011 2:16:10 PM
Methoxychlor	ND	10		mg/L	1	1/19/2011 2:16:10 PM
Toxaphene	ND	0.50		mg/L	1	1/19/2011 2:16:10 PM
Surr: Decachlorobiphenyl	91.0	47.3-125		%REC	1	1/19/2011 2:16:10 PM
Surr: Tetrachloro-m-xylene	65.2	35.7-135		%REC	1	1/19/2011 2:16:10 PM
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/16/2011 4:14:30 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/16/2011 4:14:30 AM
Surr: DNOP	103	81.8-129		%REC	1	1/16/2011 4:14:30 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/18/2011 5:51:52 PM
Surr: BFB	98.6	89.7-125		%REC	1	1/18/2011 5:51:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	1/18/2011 5:51:52 PM
Benzene	ND	0.050		mg/Kg	1	1/18/2011 5:51:52 PM
Toluene	ND	0.050		mg/Kg	1	1/18/2011 5:51:52 PM
Ethylbenzene	ND	0.050		mg/Kg	1	1/18/2011 5:51:52 PM
Xylenes, Total	ND	0.10		mg/Kg	1	1/18/2011 5:51:52 PM
Surr: 4-Bromofluorobenzene	115	88.9-151		%REC	1	1/18/2011 5:51:52 PM
MERCURY, TCLP						Analyst: **ELS**
Mercury	ND	0.020		mg/L	1	1/20/2011 12:18:09 PM
EPA METHOD 6010B: TCLP METALS						Analyst: **ELS**
Arsenic	ND	5.0		mg/L	1	1/20/2011 9:06:27 AM
Barium	ND	100		mg/L	1	1/20/2011 9:06:27 AM
Cadmium	ND	1.0		mg/L	1	1/20/2011 9:06:27 AM
Chromium	ND	5.0		mg/L	1	1/20/2011 9:06:27 AM
Lead	ND	5.0		mg/L	1	1/20/2011 9:06:27 AM
Selenium	ND	1.0		mg/L	1	1/20/2011 9:06:27 AM
Silver	ND	5.0		mg/L	1	1/20/2011 9:06:27 AM
EPA METHOD 8270C TCLP						Analyst: **JDC**
2,4-Dinitrotoluene	ND	0.13		mg/L	1	1/19/2011 1:38:44 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

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Date: *21-Jan-11*

CLIENT:	Shaw Environmental, Inc.	**Client Sample ID:**	106140IDW3
Lab Order:	1101390	**Collection Date:**	1/13/2011 10:45:00 AM
Project:	KAFB BFF	**Date Received:**	1/13/2011
Lab ID:	1101390-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: **JDC**
Hexachlorobenzene	ND	0.13		mg/L	1	1/19/2011 1:38:44 PM
Hexachlorobutadiene	ND	0.50		mg/L	1	1/19/2011 1:38:44 PM
Hexachloroethane	ND	3.0		mg/L	1	1/19/2011 1:38:44 PM
Nitrobenzene	ND	2.0		mg/L	1	1/19/2011 1:38:44 PM
Pentachlorophenol	ND	100		mg/L	1	1/19/2011 1:38:44 PM
Pyridine	ND	5.0		mg/L	1	1/19/2011 1:38:44 PM
2,4,5-Trichlorophenol	ND	400		mg/L	1	1/19/2011 1:38:44 PM
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	1/19/2011 1:38:44 PM
Cresols, Total	ND	200		mg/L	1	1/19/2011 1:38:44 PM
Surr: 2,4,6-Tribromophenol	49.9	21.6-121		%REC	1	1/19/2011 1:38:44 PM
Surr: 2-Fluorobiphenyl	55.5	36.3-107		%REC	1	1/19/2011 1:38:44 PM
Surr: 2-Fluorophenol	42.2	7.63-90		%REC	1	1/19/2011 1:38:44 PM
Surr: 4-Terphenyl-d14	59.1	39-110		%REC	1	1/19/2011 1:38:44 PM
Surr: Nitrobenzene-d5	53.7	36.9-110		%REC	1	1/19/2011 1:38:44 PM
Surr: Phenol-d5	31.3	13.3-67.7		%REC	1	1/19/2011 1:38:44 PM
EPA METHOD 8151: HERBICIDES TCLP						Analyst: **ANTE**
2,4,5-TP (Silvex)	ND	0.10		mg/L	1	1/19/2011
2,4-D	ND	0.10		mg/L	1	1/19/2011
CORROSIVITY						Analyst: **ANTE**
pH	8.1	0.10		pH Units	1	1/18/2011
IGNITABILITY (SUBBED)						Analyst: **ANTE**
Ignitability	Negative			°F	1	1/17/2011
CYANIDE, REACTIVE						Analyst: **ANTE**
Reactive Cyanide	ND	10		mg/Kg	1	1/19/2011
SULFIDE, REACTIVE						Analyst: **ANTE**
Reactive Sulfide	ND	10		mg/Kg	1	1/19/2011

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*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
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