



**Midwest**

**Laboratories, Inc.**

Report Number  
08-144-2197

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121  
www.midwestlabs.com

**REPORT OF ANALYSIS**

For: (21141) KANSAS BIOLOGICAL SURVEY  
(785)864-1508

Date Reported: 05/23/08  
Date Received: 05/16/08

**Mail to:** KANSAS BIOLOGICAL SURVEY  
DR MARK JAKUBAUSKAS  
2101 CONSTANT AVE  
LAWRENCE KS 66047

POTTER LAKE PROJECT

Lab Number: 1424865 Sample ID: POTTER LAKE PROJECT-SEDIMENT TEST

Analysis	Level Found	Detection Limit	Analysis	Level Found	Detection Limit
Method: EPA 8081/8082 Units: $\mu\text{g/Kg}$ Analyst: awr Date: 05/23/08					
4,4'-DDE	n.d.	9.9	Endosulfan II	n.d.	9.9
4,4'-DDD	n.d.	9.9	Endosulfan sulfate	n.d.	9.9
4,4'-DDT	n.d.	9.9	Endrin	n.d.	9.9
4,4'-Methoxychlor	n.d.	51	Endrin aldehyde	n.d.	9.9
Aldrin	n.d.	5.1	Endrin ketone	n.d.	9.9
Aroclor 1016	n.d.	99	Heptachlor	n.d.	5.1
Aroclor 1221	n.d.	198	Heptachlor epoxide	n.d.	5.1
Aroclor 1232	n.d.	99	Toxaphene	n.d.	495
Aroclor 1242	n.d.	99	alpha-Chlordane	n.d.	5.1
Aroclor 1248	n.d.	99	alpha-BHC	n.d.	5.1
Aroclor 1254	n.d.	99	beta-BHC	n.d.	5.1
Aroclor 1260	n.d.	99	delta-BHC	n.d.	5.1
Dieldrin	n.d.	9.9	gamma-BHC (Lindane)	n.d.	5.1
Endosulfan I	n.d.	5.1	gamma-Chlordane	n.d.	5.1

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Analysis	Level Found	Detection Limit	Analysis	Level Found	Detection Limit
Method: EPA 8151 Units: $\mu\text{g/L}$ Analyst: awr Date: 05/23/08					
MCPA	n.d.	100	Tordon (Picloram)	n.d.	0.2
MCPP (Mecoprop)	n.d.	100	3,5-Dichlorobenzoic Acid	n.d.	0.1
2,4,5-TP (Silvex)	n.d.	0.1	4-Nitrophenol	n.d.	0.2
2,4-D	n.d.	0.2	Pentachlorophenol	n.d.	0.1
2,4-DB	n.d.	0.8	Garlon (Triclopyr)	n.d.	0.1
Dalapon	n.d.	1.3	Chloramben	n.d.	0.1
Dicamba (Banvel)	n.d.	0.1	Bentazon (Basagran)	n.d.	0.2
Dichlorprop	n.d.	0.3	Dachthal (DCPA)	n.d.	0.1
Dinoseb	n.d.	0.2	Aciflorifen (Blazer)	n.d.	0.1
2,4,5-T	n.d.	0.1	Chlopyralid (Stinger)	n.d.	0.2

Notes:

n.d. - Not Detected.  
add'l report (DFT).



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DR MARK JAKUBAUSKAS  
2101 CONSTANT AVE  
LAWRENCE KS 66047

POTTER LAKE PROJECT

Lab number: 1424865 Sample ID: POTTER LAKE PROJECT-SEDIMENT TEST

Analysis	Level		Detection		Analyst- Date
	Found	Units	Limit	Method	
Methyl t-Butyl Ether	400	µg/kg	90	OA-1	sde-05/21
n-Hexane	n.d.	µg/kg	45	OA-1	sde-05/21
Benzene	n.d.	µg/kg	45	OA-1	sde-05/21
Toluene	n.d.	µg/kg	45	OA-1	sde-05/21
Ethylbenzene	n.d.	µg/kg	45	OA-1	sde-05/21
Naphthalene	n.d.	µg/kg	45	OA-1	sde-05/21
m p-Xylene	n.d.	µg/kg	90	OA-1	sde-05/21
o-Xylene	n.d.	µg/kg	45	OA-1	sde-05/21
Total Xylenes	n.d.	µg/kg		OA-1	cjs-05/16
Total Purgeable Hydrocarbons	n.d.	µg/kg	900	OA-1	sde-05/21
TEH as Gasoline	n.d.	µg/kg	300,000	OA-2	sde-05/22
TEH as Diesel	n.d.	µg/kg	300,000	OA-2	sde-05/22
TEH as Waste Oil	971,000	µg/kg	300,000	OA-2	sde-05/22
Percent solids	41.47	%	0.01	SM 2540 G	gjj-05/20
Zinc (total)	87.0	mg/kg	1.0	EPA 6010	rrd-05/22
Thallium (total)	n.d.	mg/kg	0.50	EPA 6020	jmb-05/22
Silver (total)	n.d.	mg/kg	1.0	EPA 6010	rrd-05/22
Selenium (total)	n.d.	mg/kg	0.50	EPA 6020	jmb-05/22
Nickel (total)	7.3	mg/kg	1.0	EPA 6010	rrd-05/22
Mercury (total)	0.19	mg/kg	0.05	EPA 7471	mlm-05/22
Lead (total)	43.0	mg/kg	0.25	EPA 6020	jmb-05/22
Copper (total)	14.8	mg/kg	1.0	EPA 6010	rrd-05/22

The result(s) issued on this report only reflect the analysis of the sample(s) submitted. For applicable test parameters, Midwest Laboratories is in compliance with NELAC requirements.

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**REPORT OF ANALYSIS**

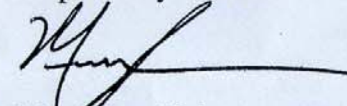
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Analysis	Level		Detection		Analyst- Date
	Found	Units	Limit	Method	
Chromium (total)	32.3	mg/kg	1.0	EPA 6010	rrd-05/22
Cadmium (total)	0.58	mg/kg	0.50	EPA 6010	rrd-05/22
Beryllium (total)	n.d.	mg/kg	0.50	EPA 6010	rrd-05/22
Arsenic (total)	2.31	mg/kg	0.50	EPA 6020	jmb-05/22
Antimony (total)	n.d.	mg/kg	0.50	EPA 6020	jmb-05/22

Notes:  
n.d. - Not Detected.  
add'l report (DUAL)

Respectfully Submitted



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Agronomist  
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