



EMSL Analytical, Inc.

<http://www.emsl.com>

3 Cooper St.
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571

Attn: Lloyd Johnson
AES-Applied Environmental Sciences, Inc.
8441 Wayzata Blvd
Suite 103
Minneapolis, MN 55426

*1164) DOUGLAS DR
CHAMPLIN, MN*

3/19/2010

Phone:
Fax: (763) 545-7883

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/8/2010. The results are tabulated on the attached data pages for the following client designated project:

F10-091

The reference number for these samples is EMSL Order #011000885. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Julie Smith - Laboratory Director or other approved signatory



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NJ-NELAP Accredited: 04653

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: **Lloyd Johnson**
AES-Applied Environmental Sciences, Inc.
8441 Wayzata Blvd
Suite 103
Minneapolis, MN 55426

Customer ID: APPL66
 Customer PO:
 Received: 03/08/10 10:56 AM
 EMSL Order: 011000885

Fax: (763) 545-7883 () Phone:
 Project: F10-091

Analytical Results

<i>Client Sample Description</i> 1		<i>Collected:</i> 3/4/2010 2:00:00 PM		<i>Lab ID:</i> 0001		
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1221	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1232	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1242	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1248	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1254	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1260	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1262	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1268	<0.77	0.77	mg/Kg	3/15/2010	tlindsay

<i>Client Sample Description</i> 2		<i>Collected:</i> 3/4/2010 2:00:00 PM		<i>Lab ID:</i> 0002		
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1221	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1232	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1242	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1248	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1254	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1260	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1262	<4.8	4.8	mg/Kg	3/17/2010	ehernandez
3540C/8082	Aroclor-1268	<4.8	4.8	mg/Kg	3/17/2010	ehernandez

<i>Client Sample Description</i> 3		<i>Collected:</i> 3/4/2010 2:00:00 PM		<i>Lab ID:</i> 0003		
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1221	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1232	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1242	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1248	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1254	<0.77	0.77	mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1260	<0.77	0.77	mg/Kg	3/15/2010	tlindsay



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SM

Attn: **Lloyd Johnson**
AES-Applied Environmental Sciences, Inc.
8441 Wayzata Blvd
Suite 103
Minneapolis, MN 55426

Customer ID: APPL66
Customer PO:
Received: 03/08/10 10:56 AM
EMSL Order: 011000885

Fax: (763) 545-7883 () Pho-ne:
Project: F10-091

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>3/4/2010</i>	<i>Lab ID:</i>	<i>0003</i>
		<i>2:00:00 PM</i>			
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1262	<0.77	0.77 mg/Kg	3/15/2010	tlindsay
3540C/8082	Aroclor-1268	<0.77	0.77 mg/Kg	3/15/2010	tlindsay



Environmental Chemistry Chain of Custody

EMSL Order Number (Lab Use Only):

011000885

Westmont, NJ
 107 Haddon Avenue
 Westmont, NJ 08108
 PHONE: (856) 858-4800
 FAX: (856) 858-4960

Company: Applied Environmental Sciences, Inc. EMSL-Bill to: Same Different
 Street: 8441 Wayzata Blvd. Suite 103 If Bill to is Different note instructions in Comments**
 City/State/Zip: Minneapolis, MN 55426 Third Party Billing requires written authorization from third party
 Report To (Name): Lloyd Johnson Fax: 763-545-7883
 Telephone: 763-545-5510 Email Address: lab@aesmn.com
 Project Name/Number: F10-091

Please Provide Results: Email Purchase Order: State Samples Taken: MN
 Standard Turnaround Time: 2 Weeks The following TAT's are subject to lab approval: 1 Week 4 Days 3 Days 2 Days 1 Day

Client Sample ID	Comp	Grab	Date/Time	Matrix	Preservative	List Test(s) Needed						Comments	
				W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=CE 5=Other								
1			3/7/10 2:28 PM	O									2.6g
2				O									4.2
3				O									4.3

Released By (Signature): [Signature] Date & Time: 3/8/10 12:28 PM Received By: [Signature] Date & Time: 3/8/10 10:50 AM

Please indicate reporting requirements: Results Only Results and QC Reduced Deliverables Disk Deliverable Other

Comments/Special Instructions: NO Cert. Needed 3/9

2010 MAR -0 10:54 AM
 WESTMONT, N.J.
 EMSL