



STATE OF IOWA

THOMAS J. VILSACK, GOVERNOR
SALLY J. PEDERSON, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
JEFFREY R. VONK, DIRECTOR

TRANSMITTAL FORM

TO: Michelle Weis
MidAmerican Energy Company
Urbandale Business Center
4299 Northwest Urbandale Drive
Urbandale, IA 50322-7916

FROM: Mike Leat
PHONE: 515/281-8045
DATE: 12/22/04

Enclosed or attached is the following:

Table with 2 columns: No., Description. Row 1: 1, Eagle Grove lab data from UHL.

- For your information and use (checked)
As requested
Review and comment

- Necessary action
Please return
As noted below

REMARKS:



Hygienic Laboratory

The University of Iowa

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Sample Number 200416313

Iowa Laboratory Certification No. 027. AIHA, NELAP, USEPA, NVLAP #101288-0 and other credentials available upon request.

If you have any questions please call Sherri Marine at 800/421-IOWA (4692) or 319/335-4500. Thank you.

Page 2 - End of Report

Mary J. R. Gilchrist, Ph.D.
Director

102 Oakdale Campus, #101 OH
Iowa City, Iowa 52242-5002
319/335-4500 Fax: 319/335-4555

<http://www.uhl.uiowa.edu>

H.A. Wallace Building
East Grand, Des Moines, Iowa 50319-0034
515/281-5371 Fax: 515/243-1349



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Sample Number: 200416314

Iowa Laboratory Certification No. 027. AIHA, NELAP, USEPA, NVLAP #101288-0 and other credentials available upon request.

If you have any questions please call Sherri Marine at 800/421-IOWA (4692) or 319/335-4500. Thank you.

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Hygienic Laboratory

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Date of report: 12-09-2004

MIKE LEAT
 IDNR CONTAMINATED SITES
 WALLACE STATE OFFICE BLDG
 900 EAST GRAND AVENUE
 DES MOINES IA 50319-0034

Sample Number 200416315
 Date Received 12-01-2004
 Project WMSF
 Date Collected 12-01-2004 12:20
 Collection Site #1/sb-6 (12-13')
 Collection Town Eagle Grove
 Description soil
 Reference EAGLE GROVE MGP
 Collector LEAT MIKE
 Phone (515) 281-8045
 Purchase Order

Comments: CC #7337 AC #2824
 Upon receipt at the UHL sample meets standard acceptance criteria.

Results of Analyses

GC/MS Polyaromatic Hydrocarbons

Analyte	Concentration ug/kg	Quantitation Limit ug/kg
Naphthalene	< 170	170
2-Methylnaphthalene	< 170	170
Acenaphthylene	< 170	170
Acenaphthene	< 170	170
Dibenzofuran	< 170	170
Fluorene	< 170	170
Phenanthrene	< 170	170
Anthracene	< 170	170
Carbazole	< 170	170
Fluoranthene	< 170	170
Pyrene	< 170	170
Benzo(a)anthracene	< 170	170
Chrysene	< 170	170
Benzo(b)fluoranthene	< 170	170
Benzo(k)fluoranthene	< 170	170
Benzo(a)pyrene	< 170	170
Indeno(1,2,3-cd)pyrene	< 170	170
Dibenzo(a,h)anthracene	< 170	170
Benzo(g,h,i)perylene	< 170	170

Date Analyzed: 12-06-2004
 Method: UHL 8270
 Date Prepared: 12-06-2004
 Preparation Method: EPA 3550

Analyst: ES
 Verified: TC
 Analyst: PM
 Verified: GJ

Description of units used within this report

ug/kg - Micrograms per Kilogram

Quant Limit - Lowest concentration reliably measured



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The University of Iowa

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Sample Number 200416315

Iowa Laboratory Certification No. 027. AIHA, NELAP, USEPA, NVLAP #101288-0 and other credentials available upon request.

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Page 2 - End of Report

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Date of report: 12-09-2004

MIKE LEAT
 IDNR CONTAMINATED SITES
 WALLACE STATE OFFICE BLDG
 900 EAST GRAND AVENUE
 DES MOINES IA 50319-0034

Sample Number 200416316
 Date Received 12-01-2004
 Project WMSF
 Date Collected 12-01-2004 13:00
 Collection Site #1/sb-7 (6-8')
 Collection Town Eagle Grove
 Description soil
 Reference EAGLE GROVE MGP
 Collector LEAT MIKE
 Phone (515) 281-8045
 Purchase Order

Comments

CC #7337 AC #2824

Upon receipt at the UHL sample meets standard acceptance criteria.

Results of Analyses

GC/MS Polyaromatic Hydrocarbons

Analyte	Concentration ug/kg	Quantitation Limit ug/kg
Naphthalene	< 170	170
2-Methylnaphthalene	< 170	170
Acenaphthylene	< 170	170
Acenaphthene	< 170	170
Dibenzofuran	< 170	170
Fluorene	< 170	170
Phenanthrene	550	170
Anthracene	< 170	170
Carbazole	< 170	170
Fluoranthene	990	170
Pyrene	1000	170
Benzo(a)anthracene	520	170
Chrysene	510	170
Benzo(b)fluoranthene	610	170
Benzo(k)fluoranthene	200	170
Benzo(a)pyrene	460	170
Indeno(1,2,3-cd)pyrene	250	170
Dibenzo(a,h)anthracene	< 170	170
Benzo(g,h,i)perylene	300	170

Date Analyzed: 12-06-2004

Analyst: ES

Method: UHL 8270

Verified: TC

Date Prepared: 12-06-2004

Analyst: PM

Preparation Method: EPA 3550

Verified: GJ

Description of units used within this report

ug/kg - Micrograms per Kilogram

Quant Limit - Lowest concentration reliably measured

Page 1 - Continued on next page



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Sample Number 200416316

Iowa Laboratory Certification No. 027. AIHA, NELAP, USEPA, NVLAP #101288-0 and other credentials available upon request.

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CHAIN-OF-CUSTODY

Purchase Order #

Contact Name		Phone		Analysis Requested						Project Name and/or Number	
Mick Leat		(515) 281-8045		PATHS (via 8270) (no other semivolatils in the 8270 scan are needed.)						Eagle Grove MBP / CC 7337 / ac 2824	
Company		Fax								Collector's Phone #	
Contaminated Sites - DNR										(515) 281-8045	
Address										Print Collector's Name	
Wallace Bldg.				Mick Leat							
City		State	Zip	Collector's Signature		Comments/UHL Sample Number PAHs only					
Des Moines		IA	50319								
Sample ID/Description	Date	Time	Sample Matrix								
			W	S	Other						

Sample ID/Description	Date	Time	W	S	Other	Analysis Requested						Project Name and/or Number								
1. SB-5 (10-12')	12/1/04	10:25		X		X														
2. SB-4 (13-15')	↓	11:10		X		X														
3. SB-6 (12-13')	↓	12:20		X		X														
4. SB-7 (6-8')	↓	13:00		X		X														
5.																				
6.																				
7.																				
8.																				

Relinquished by	Date	Time	Comments
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	12/1/04	16:10	
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Relinquished by	Date	Time	Comments
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Sample receiving custodian	Date	Time	Sample Receipt Comments
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Kevin W. Van Auker	12-1-04	16:10	4 soils - IC
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