



State Hygienic Laboratory

CON 12-15
Doc #33742

The University of Iowa

MATT CULP
IDNR CONTAMINATED SITES
LAND QUALITY BUREAU
502 E 9TH STREET
DES MOINES, IA 50319-0034

Accession Number	588419
Date Sample Finalized	2017-11-17 14:51
Date Received	2017-11-09 11:40
Sample Source	Non-Drinking Water
Project	WMSF
Date Collected	2017-11-09 11:00
Collection Site	sawgrass mw-5
Collection Address	
Sample Description	ANKENY, ground water
Client Reference	
Collector	culp matt
Phone	515/725-8337

Note: Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.

Results of Analyses

Volatile Petroleum Hydrocarbons, Iowa OA-1

Units	ug/L	Analyzed In	Coralville
Date Analyzed	2017-11-10 16:59	Date Verified	2017-11-17 14:51
Analyst	LJL	Verifier	TGC

Analyte	Result	Quant Limit
Benzene	10.	2
Toluene	<2	2
Ethylbenzene	<2	2
Total Xylenes	<5	5

Note: 1,2-Dichloroethane was observed at a concentration of 64 ug/L in the analysis of this sample as well as a number of hydrocarbons at estimated concentrations up to 13 ug/L.

Volatile Petroleum Hydrocarbons, Iowa OA-1

Units	ug/L	Analyzed In	Coralville
Date Analyzed	2017-11-13 09:22	Date Verified	2017-11-17 14:43
Analyst	LJL	Verifier	TGC

Analyte	Result	Quant Limit
Methyl-t-butyl ether (MtBE)	490	10.

Description of Units used within this report

ug/L = Micrograms per Liter

The result(s) of this report relate only to the items analyzed. This report shall not be reproduced except in full without the written approval of the laboratory.

Iowa Environmental Laboratory IDs are: Ankeny #397, Iowa City/Coralville #027, Lakeside #393.

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



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MATT CULP
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 502 E 9TH STREET
 DES MOINES, IA 50319-0034

Accession Number	588420
Date Sample Finalized	2017-11-17 14:52
Date Received	2017-11-09 11:40
Sample Source	Non-Drinking Water
Project	WMSF
Date Collected	2017-11-09 11:15
Collection Site	sawgrass mw-11
Collection Address	
Sample Description	ANKENY, ground water
Client Reference	
Collector	culp matt
Phone	515/725-8337

Note: Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.

Results of Analyses

Volatile Petroleum Hydrocarbons, Iowa OA-1

Units	ug/L	Analyzed In	Coralville
Date Analyzed	2017-11-10 17:26	Date Verified	2017-11-17 14:52
Analyst	LJL	Verifier	TGC

Analyte	Result	Quant Limit
Methyl-t-butyl ether (MtBE)	2	2
Benzene	<2	2
Toluene	<2	2
Ethylbenzene	<2	2
Total Xylenes	<5	5

Description of Units used within this report

ug/L = Micrograms per Liter

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MATT CULP
IDNR CONTAMINATED SITES
LAND QUALITY BUREAU
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DES MOINES, IA 50319-0034

Accession Number	588421
Date Sample Finalized	2017-11-17 14:52
Date Received	2017-11-09 11:40
Sample Source	Non-Drinking Water
Project	WMSF
Date Collected	2017-11-09 11:30
Collection Site	sawgrass mw-10
Collection Address	
Sample Description	ANKENY, ground water
Client Reference	
Collector	culp matt
Phone	515/725-8337

Note: Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.

Results of Analyses

Volatile Petroleum Hydrocarbons, Iowa OA-1

Units	ug/L	Analyzed In	Coralville
Date Analyzed	2017-11-10 17:53	Date Verified	2017-11-17 14:52
Analyst	LJL	Verifier	TGC

Analyte	Result	Quant Limit
Methyl-t-butyl ether (MtBE)	<2	2
Benzene	<2	2
Toluene	<2	2
Ethylbenzene	<2	2
Total Xylenes	<5	5

Description of Units used within this report

ug/L = Micrograms per Liter

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502 E 9TH STREET
DES MOINES, IA 50319-0034

<i>Accession Number</i>	588422
<i>Date Sample Finalized</i>	2017-11-17 14:56
<i>Date Received</i>	2017-11-09 11:40
<i>Sample Source</i>	Non-Drinking Water
<i>Project</i>	WMSF
<i>Date Collected</i>	2017-11-09 11:35
<i>Collection Site</i>	sawgrass mw-1
<i>Collection Address</i>	
<i>Sample Description</i>	ANKENY, ground water
<i>Client Reference</i>	most contaminated
<i>Collector</i>	culp matt
<i>Phone</i>	515/725-8337

Note: Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.

Results of Analyses

Volatile Petroleum Hydrocarbons, Iowa OA-1

Units	ug/L	Analyzed In	Coralville
Date Analyzed	2017-11-10 18:20	Date Verified	2017-11-17 14:56
Analyst	LJL	Verifier	TGC

Analyte	Result	Quant Limit
Methyl-t-butyl ether (MtBE)	<20.	20.
Benzene	1600	20.
Toluene	<20.	20.
Ethylbenzene	730	20.
Total Xylenes	160	50.

Note: A number of hydrocarbons were observed at estimated concentrations up to 1500 ug/L in the analysis of this sample.

Description of Units used within this report

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