



State Hygienic Laboratory

The University of Iowa

CON 12-15
Doc #30088

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

Accession Number	191344
Date Sample Finalized	2014-09-26 09:44
Date Received	2014-09-17 11:55
Sample Source	Non-Drinking Water
Project	WMSF
Date Collected	2014-09-17 10:15
Collection Site	mw-1
Collection Town	DES MOINES
Sample Description	ground water
Client Reference	ankeny dc
Collector	culp matthew
Phone	515/242-5087

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

GCMS Volatiles, EPA 8260

Units	ug/L
Date Analyzed	2014-09-18 12:15
Analyst	LJL

Analyzed In	Coralville
Date Verified	2014-09-26 09:44
Verifier	TGC

Analyte	Result	Quant Limit
Chloromethane	<25	25
Bromomethane	<25	25
Vinyl chloride	70.	25
Chloroethane	<25	25
Methylene chloride	<25	25
Methyl-t-butyl ether (MtBE)	<25	25
Acetone	<25	25
Carbon disulfide	<25	25
1,1-Dichloroethene	31	25
1,1-Dichloroethane	<25	25
Chloroform	<25	25
1,2-Dichloroethane	<25	25
2-Butanone	<25	25
1,1,1-Trichloroethane	<25	25
Carbon tetrachloride	<25	25
Bromodichloromethane	<25	25
1,2-Dichloropropane	<25	25
cis-1,3-Dichloropropene	<25	25
Trichloroethene	3500	25
Dibromochloromethane	<25	25
1,1,2-Trichloroethane	<25	25
Benzene	<25	25
trans-1,3-Dichloropropene	<25	25
Bromoform	<25	25
4-Methyl-2-pentanone	<25	25
2-Hexanone	<25	25
Tetrachloroethene	79000	25



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Analyte	Result	Quant Limit
1,1,2,2-Tetrachloroethane	<25	25
Toluene	<25	25
Chlorobenzene	<25	25
Ethylbenzene	<25	25
Styrene	<25	25
Total Xylenes	<25	25
trans-1,2-Dichloroethene	57	25
cis-1,2-Dichloroethene	5000	25

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

Accession Number	191342
Date Sample Finalized	2014-09-26 09:41
Date Received	2014-09-17 11:55
Sample Source	Non-Drinking Water
Project	WMSF
Date Collected	2014-09-17 11:15
Collection Site	mw-2
Collection Town	DES MOINES
Sample Description	ground water
Client Reference	ankeny dc
Collector	culp matthew
Phone	151/242-5087

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

GCMS Volatiles, EPA 8260

Units	ug/L
Date Analyzed	2014-09-18 11:24
Analyst	LJL

Analyzed In	Coralville
Date Verified	2014-09-26 09:41
Verifier	TGC

Analyte	Result	Quant Limit
Chloromethane	<25	25
Bromomethane	<25	25
Vinyl chloride	<25	25
Chloroethane	<25	25
Methylene chloride	<25	25
Methyl-t-butyl ether (MtBE)	<25	25
Acetone	<25	25
Carbon disulfide	<25	25
1,1-Dichloroethene	<25	25
1,1-Dichloroethane	<25	25
Chloroform	<25	25
1,2-Dichloroethane	<25	25
2-Butanone	<25	25
1,1,1-Trichloroethane	<25	25
Carbon tetrachloride	<25	25
Bromodichloromethane	<25	25
1,2-Dichloropropane	<25	25
cis-1,3-Dichloropropene	<25	25
Trichloroethene	<25	25
Dibromochloromethane	<25	25
1,1,2-Trichloroethane	<25	25
Benzene	<25	25
trans-1,3-Dichloropropene	<25	25
Bromoform	<25	25
4-Methyl-2-pentanone	<25	25
2-Hexanone	<25	25
Tetrachloroethene	330	25



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Analyte	Result	Quant Limit
1,1,2,2-Tetrachloroethane	<25	25
Toluene	<25	25
Chlorobenzene	<25	25
Ethylbenzene	<25	25
Styrene	<25	25
Total Xylenes	<25	25
trans-1,2-Dichloroethene	<25	25
cis-1,2-Dichloroethene	120	25

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DES MOINES, IA 50319-0034

Accession Number	191343
Date Sample Finalized	2014-09-26 09:42
Date Received	2014-09-17 11:55
Sample Source	Non-Drinking Water
Project	WMSF
Date Collected	2014-09-17 10:45
Collection Site	mw-3
Collection Town	DES MOINES
Sample Description	ground water
Client Reference	ankeny dc
Collector	culp matthew
Phone	515/242-5087

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

GCMS Volatiles, EPA 8260

Units	ug/L
Date Analyzed	2014-09-18 11:50
Analyst	LJL

Analyzed In	Coralville
Date Verified	2014-09-26 09:42
Verifier	TGC

Analyte	Result	Quant Limit
Chloromethane	<25	25
Bromomethane	<25	25
Vinyl chloride	<25	25
Chloroethane	<25	25
Methylene chloride	<25	25
Methyl-t-butyl ether (MtBE)	<25	25
Acetone	<25	25
Carbon disulfide	<25	25
1,1-Dichloroethene	<25	25
1,1-Dichloroethane	<25	25
Chloroform	<25	25
1,2-Dichloroethane	<25	25
2-Butanone	<25	25
1,1,1-Trichloroethane	<25	25
Carbon tetrachloride	<25	25
Bromodichloromethane	<25	25
1,2-Dichloropropane	<25	25
cis-1,3-Dichloropropene	<25	25
Trichloroethene	760	25
Dibromochloromethane	<25	25
1,1,2-Trichloroethane	<25	25
Benzene	<25	25
trans-1,3-Dichloropropene	<25	25
Bromoform	<25	25
4-Methyl-2-pentanone	<25	25
2-Hexanone	<25	25
Tetrachloroethene	1700	25



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Analyte	Result	Quant Limit
1,1,2,2-Tetrachloroethane	<25	25
Toluene	<25	25
Chlorobenzene	<25	25
Ethylbenzene	<25	25
Styrene	<25	25
Total Xylenes	<25	25
trans-1,2-Dichloroethene	<25	25
cis-1,2-Dichloroethene	1200	25

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