



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G222T** Lab Sample ID: **18E0608-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 12:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G222T** Lab Sample ID: **18E0608-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G222T** Lab Sample ID: **18E0608-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

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Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	1.7		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/17/18 10:37

Units: mg/L Analyzed: 05/17/18 16:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 05/17/18 15:49

Units: PH Analyzed: 05/18/18 08:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.5	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/30/18 09:27

Units: ug/L Analyzed: 05/30/18 13:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G222T** Lab Sample ID: **18E0608-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/17/18 12:45

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 05/17/18 12:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	815.00		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 05/16/18 12:30

Units: mg/L Analyzed: 05/16/18 12:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	462		10	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G222D** Lab Sample ID: **18E0608-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	8.30		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/17/18 09:33

Units: ug/L Analyzed: 05/22/18 11:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/17/18 09:42

Units: ug/L Analyzed: 05/22/18 09:59

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	59.6		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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Trip ID: Temperature C: 17.00

Client Sample ID: **G222D** Lab Sample ID: **18E0608-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: mg/L Analyzed: 05/23/18 10:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	70.6		0.30	100000
Hardness	355		1.98	
Magnesium	43.5		0.30	100000
Potassium	1.53		1.40	100000
Sodium	43.5		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 10:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	176		60.0	40000
Barium	136		5.00	
Beryllium	ND		1.00	
Boron	518		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2010		50.0	40000
Manganese	ND		15.0	
Nickel	ND		5.00	

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Client Sample ID: **G222D** Lab Sample ID: **18E0608-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 10:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	1870		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/17/18 09:24

Units: mg/L Analyzed: 05/18/18 12:56

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND	J3	0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 05/30/18 07:36

Units: mg/L Analyzed: 05/31/18 08:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	4.49		0.10	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G222D** Lab Sample ID: **18E0608-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 11:50

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND		10.0	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 13:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 13:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	1.6		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 13:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/17/18 10:37

Units: mg/L Analyzed: 05/17/18 16:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND	J3	0.005	

pH

Method: SM 4500H+B Prepared: 05/17/18 15:49

Units: PH Analyzed: 05/18/18 08:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.1	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/30/18 09:27

Units: ug/L Analyzed: 05/30/18 14:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209T** Lab Sample ID: **18E0608-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/17/18 12:45

Units: $\mu\text{mho/cm @ } 25.0\text{ }^{\circ}\text{C}$ Analyzed: 05/17/18 12:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1128.00		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 05/16/18 12:30

Units: mg/L Analyzed: 05/16/18 12:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	726		10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209D** Lab Sample ID: **18E0608-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	83.9		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/17/18 09:33

Units: ug/L Analyzed: 05/22/18 11:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/17/18 09:42

Units: ug/L Analyzed: 05/22/18 10:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	1.01		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209D** Lab Sample ID: **18E0608-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: mg/L Analyzed: 05/23/18 10:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	134		0.30	100000
Hardness	555		1.98	
Magnesium	53.3		0.30	100000
Potassium	2.12		1.40	100000
Sodium	32.7		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 10:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	185		5.00	
Beryllium	ND		1.00	
Boron	82.2		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1310		50.0	40000
Manganese	442		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209D** Lab Sample ID: **18E0608-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 10:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	225		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/17/18 09:24

Units: mg/L Analyzed: 05/18/18 12:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 05/30/18 07:36

Units: mg/L Analyzed: 05/31/18 08:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	0.11		0.10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G209D** Lab Sample ID: **18E0608-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:55

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	97.8		10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 13:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 13:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 14:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 14:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 14:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	1.6		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 14:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/17/18 10:37

Units: mg/L Analyzed: 05/17/18 16:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 05/17/18 15:49

Units: PH Analyzed: 05/18/18 08:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.1	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/30/18 09:27

Units: ug/L Analyzed: 05/30/18 14:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	15.7	I	10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114T** Lab Sample ID: **18E0608-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/17/18 12:45

Units: $\mu\text{mho/cm @ } 25.0\text{ }^{\circ}\text{C}$ Analyzed: 05/17/18 12:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1677.00		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 05/16/18 12:30

Units: mg/L Analyzed: 05/16/18 12:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	996		10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114D** Lab Sample ID: **18E0608-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	213		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/17/18 09:33

Units: ug/L Analyzed: 05/22/18 11:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/17/18 09:42

Units: ug/L Analyzed: 05/22/18 10:05

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	ND		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114D** Lab Sample ID: **18E0608-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: mg/L Analyzed: 05/23/18 10:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	165		0.30	100000
Hardness	689		1.98	
Magnesium	67.1		0.30	100000
Potassium	2.62		1.40	100000
Sodium	97.6		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 10:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	253		5.00	
Beryllium	ND		1.00	
Boron	268		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	3690		50.0	40000
Manganese	343		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114D** Lab Sample ID: **18E0608-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 10:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	284		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/17/18 09:24

Units: mg/L Analyzed: 05/18/18 12:59

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 05/30/18 07:36

Units: mg/L Analyzed: 05/31/18 08:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	0.60		0.10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G114D** Lab Sample ID: **18E0608-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 10:15

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	151		10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 14:17

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 14:17

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	1.6		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/17/18 10:37

Units: mg/L Analyzed: 05/17/18 16:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 05/17/18 15:49

Units: PH Analyzed: 05/18/18 08:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.0	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/30/18 09:27

Units: ug/L Analyzed: 05/30/18 14:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	16.9	I	10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213T** Lab Sample ID: **18E0608-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/17/18 12:45

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 05/17/18 12:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1512.00		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 05/16/18 12:30

Units: mg/L Analyzed: 05/16/18 12:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	926		10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213D** Lab Sample ID: **18E0608-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	167		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/17/18 09:33

Units: ug/L Analyzed: 05/22/18 11:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/17/18 09:42

Units: ug/L Analyzed: 05/22/18 10:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	ND		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213D** Lab Sample ID: **18E0608-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: mg/L Analyzed: 05/23/18 11:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	153		0.30	100000
Hardness	624		1.98	
Magnesium	58.9		0.30	100000
Potassium	2.63		1.40	100000
Sodium	87.7		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 11:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	301		5.00	
Beryllium	ND		1.00	
Boron	171		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2860		50.0	40000
Manganese	236		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213D** Lab Sample ID: **18E0608-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 11:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	258		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/17/18 09:24

Units: mg/L Analyzed: 05/18/18 13:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 05/30/18 07:36

Units: mg/L Analyzed: 05/31/18 08:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	0.43		0.10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G213D** Lab Sample ID: **18E0608-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 14:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	150		10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 14:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	1.6		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/22/18 13:24

Units: ug/L Analyzed: 05/23/18 15:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/17/18 10:37

Units: mg/L Analyzed: 05/17/18 16:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 05/17/18 15:49

Units: PH Analyzed: 05/18/18 08:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.0	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/30/18 09:27

Units: ug/L Analyzed: 05/30/18 14:36

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	23.9	I	10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250T** Lab Sample ID: **18E0608-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/17/18 12:45

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 05/17/18 12:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1513.00		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 05/16/18 12:30

Units: mg/L Analyzed: 05/16/18 12:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	926		10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250D** Lab Sample ID: **18E0608-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 15:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	166		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/17/18 09:33

Units: ug/L Analyzed: 05/22/18 11:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/17/18 09:42

Units: ug/L Analyzed: 05/22/18 10:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	ND		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250D** Lab Sample ID: **18E0608-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: mg/L Analyzed: 05/23/18 11:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	152		0.30	100000
Hardness	623		1.98	
Magnesium	59.4		0.30	100000
Potassium	2.60		1.40	100000
Sodium	86.4		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 11:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	99.4		60.0	40000
Barium	307		5.00	
Beryllium	ND		1.00	
Boron	177		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2870		50.0	40000
Manganese	240		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250D** Lab Sample ID: **18E0608-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/17/18 09:36

Units: ug/L Analyzed: 05/23/18 11:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	257		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/17/18 09:24

Units: mg/L Analyzed: 05/18/18 13:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 05/30/18 07:36

Units: mg/L Analyzed: 05/31/18 08:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	0.43		0.10	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **G250D** Lab Sample ID: **18E0608-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/15/18 9:35

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/17/18 08:05

Units: mg/L Analyzed: 05/23/18 15:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	149		10.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **VOC TRIP BLANK 1** Lab Sample ID: **18E0608-11**

Matrix: Water Collected By: Date/Time Collected: 05/14/18 0:00

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **VOC TRIP BLANK 1** Lab Sample ID: **18E0608-11**

Matrix: Water Collected By: Date/Time Collected: 05/14/18 0:00

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **VOC TRIP BLANK 2** Lab Sample ID: **18E0608-12**

Matrix: Water Collected By: Date/Time Collected: 05/14/18 0:00

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 15:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **VOC TRIP BLANK 2** Lab Sample ID: **18E0608-12**

Matrix: Water Collected By: Date/Time Collected: 05/14/18 0:00

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 15:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **VOC TRIP BLANK 3** Lab Sample ID: **18E0608-13**

Matrix: Water Collected By: Date/Time Collected: 05/14/18 0:00

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 15:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND	J5	2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Client Sample ID: **VOC TRIP BLANK 3** Lab Sample ID: **18E0608-13**

Matrix: Water Collected By: Date/Time Collected: 05/14/18 0:00

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/23/18 09:00

Units: ug/L Analyzed: 05/23/18 15:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **ADS-MCLEAN COUNTY LF #2**

Project/Facility Number: 1130200042 Date Received : 05/15/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 17.00

Notes and Definitions

- Q Maximum holding time exceeded.
- J5 Blank spike failed high, result was less than the reporting limit - impact on data may be minimal.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- I See Case Narrative for more information.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of the sample 18E0608-05. Please contact the laboratory if additional information about the TICs is needed.

Method phenol 420.4: sample 18E0608-05 was analyzed for total recoverable phenolics a second time, due to suspected volatile organic compound interference. The initial result was 15.7 ug/L while the second result was 7.77 ug/L. The larger value was reported.

Method phenol 420.4: sample 18E0608-07 was analyzed for total recoverable phenolics a second time, due to suspected volatile organic compound interference. The initial result was 16.9 ug/L while the second result was 12.0 ug/L. The larger value was reported.

Method phenol 420.4: sample 18E0608-09 was analyzed for total recoverable phenolics a second time, due to suspected volatile organic compound interference. The initial result was 23.9 ug/L while the second result was 16.4 ug/L. The larger value was reported.

Report Authorized by:

Tom Weiss
Laboratory Manager

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