



# 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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **16J0616-01**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 16:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	

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<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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Client Sample ID: **G222T** Lab Sample ID: **16J0616-01**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 12:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	

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<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	

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<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	

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Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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Sample Type: Sample Depth: Total Depth:

#### **Cyanide by EPA Method 335.4**

Method: 335.4 Prepared: 10/19/16 08:58

Units: mg/L Analyzed: 10/19/16 14:14

<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: 10/19/16 13:59

Units: PH Analyzed: 10/19/16 14:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.7	Q	0.1	

#### **Phenols by EPA Method 420.4**

Method: EPA 420.4 Prepared: 10/18/16 11:23

Units: ug/L Analyzed: 10/18/16 11:23

<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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Sample Type: Sample Depth: Total Depth:

#### **Specific Conductance by Standard Method 2510B**

Method: 2510B Prepared: 10/19/16 11:47

Units: umho/cm Analyzed: 10/19/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	794.0		10.00	

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

Method: SM 2540C Prepared: 10/19/16 14:00

Units: mg/L Analyzed: 10/19/16 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	416		10	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222D** Lab Sample ID: **16J0616-02**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

#### **Chloride by Ion Chromatography 300.0**

Method: EPA 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 09:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Chloride</b>	<b>1.43</b>		1.00	

#### **Mercury by EPA Method 7470**

Method: 7470 Prepared: 10/26/16 13:00

Units: ug/L Analyzed: 11/01/16 09:48

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

#### **Metals by EPA 6000/7000 Series Methods**

Method: 6020 Prepared: 10/19/16 09:52

Units: ug/L Analyzed: 10/24/16 10:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Antimony</b>	<b>ND</b>		2.00	
<b>Arsenic</b>	<b>60.4</b>		0.50	
<b>Lead</b>	<b>ND</b>		5.00	
<b>Selenium</b>	<b>ND</b>		2.00	
<b>Thallium</b>	<b>ND</b>		2.00	

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Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

### Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: mg/L Analyzed: 10/27/16 10:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	65.0		0.30	100000
Magnesium	42.1		0.30	100000
Potassium	1.85		1.40	100000
Sodium	39.9		0.30	
Hardness	336		1.98	

### Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	139		5.00	
Beryllium	ND		1.00	
Boron	498		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2140		50.0	40000
Manganese	ND		15.0	
Nickel	ND		5.00	

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Client Sample ID: **G222D** Lab Sample ID: **16J0616-02**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

### Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
<b>Strontium</b>	<b>1900</b>		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 10/24/16 14:46

Units: mg/L Analyzed: 10/24/16 16:17

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

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

Method: EPA 350.1 Prepared: 10/18/16 10:23

Units: mg/L Analyzed: 10/18/16 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Ammonia as N</b>	<b>4.07</b>		0.10	

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Trip ID: Temperature C: 15.00

Client Sample ID: **G222D** Lab Sample ID: **16J0616-02**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

#### **Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1**

Method: EPA 365.1 Prepared: 10/19/16 10:44

Units: mg/L Analyzed: 10/24/16 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0160		0.0050	

#### **Sulfate by Ion Chromatography 300.0**

Method: 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 09:32

<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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# 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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 16:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	

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# Illinois Environmental Protection Agency Laboratory

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## LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

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### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 16:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 12:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 12:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 12:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	

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### LABORATORY RESULTS

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Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 12:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

#### **Cyanide by EPA Method 335.4**

Method: 335.4 Prepared: 10/19/16 08:58

Units: mg/L Analyzed: 10/19/16 14:17

<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: 10/19/16 13:59

Units: PH Analyzed: 10/19/16 14:02

<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: 10/18/16 11:23

Units: ug/L Analyzed: 10/18/16 11:23

<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: 15.00

Client Sample ID: **G210T** Lab Sample ID: **16J0616-03**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

#### **Specific Conductance by Standard Method 2510B**

Method: 2510B Prepared: 10/19/16 11:47

Units: umho/cm Analyzed: 10/19/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1353		10.00	

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

Method: SM 2540C Prepared: 10/19/16 14:00

Units: mg/L Analyzed: 10/19/16 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	788		10	

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210D** Lab Sample ID: **16J0616-04**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

#### **Chloride by Ion Chromatography 300.0**

Method: EPA 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 09:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Chloride</b>	<b>151</b>		1.00	

#### **Mercury by EPA Method 7470**

Method: 7470 Prepared: 10/26/16 13:00

Units: ug/L Analyzed: 11/01/16 09:48

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

#### **Metals by EPA 6000/7000 Series Methods**

Method: 6020 Prepared: 10/19/16 09:52

Units: ug/L Analyzed: 10/24/16 10:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Antimony</b>	<b>ND</b>		2.00	
<b>Arsenic</b>	<b>0.64</b>		0.50	
<b>Lead</b>	<b>ND</b>		5.00	
<b>Selenium</b>	<b>ND</b>		2.00	
<b>Thallium</b>	<b>ND</b>		2.00	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210D** Lab Sample ID: **16J0616-04**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

#### **Metals (Minerals) by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: mg/L Analyzed: 10/27/16 10:17

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	120		0.30	100000
Magnesium	49.8		0.30	100000
Potassium	2.34		1.40	100000
Sodium	80.2		0.30	
Hardness	505		1.98	

#### **Metals by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:17

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	224		5.00	
Beryllium	ND		1.00	
Boron	135	v	10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1870		50.0	40000
Manganese	245		15.0	
Nickel	ND		5.00	

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# Illinois Environmental Protection Agency Laboratory

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## LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210D** Lab Sample ID: **16J0616-04**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:17

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
<b>Strontium</b>	<b>205</b>		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 10/24/16 14:46

Units: mg/L Analyzed: 10/24/16 16:19

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

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

Method: EPA 350.1 Prepared: 10/18/16 10:26

Units: mg/L Analyzed: 10/18/16 10:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Ammonia as N</b>	<b>0.20</b>		0.10	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G210D** Lab Sample ID: **16J0616-04**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

#### **Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1**

Method: EPA 365.1 Prepared: 10/19/16 10:44

Units: mg/L Analyzed: 10/24/16 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Phosphorus as P</b>	<b>0.0230</b>		0.0050	

#### **Sulfate by Ion Chromatography 300.0**

Method: 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 09:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Sulfate</b>	<b>116</b>		10.0	

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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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### **Volatiles Organic Compounds by Purge and Trap GC/MS**

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 17:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### **Volatiles Organic Compounds by Purge and Trap GC/MS**

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 17:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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# Illinois Environmental Protection Agency Laboratory

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## LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 10/19/16 08:58

Units: mg/L Analyzed: 10/19/16 14:18

<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: 10/19/16 13:59

Units: PH Analyzed: 10/19/16 14:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.2	Q	0.1	

### Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 10/18/16 11:23

Units: ug/L Analyzed: 10/18/16 11:23

<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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211T** Lab Sample ID: **16J0616-05**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Specific Conductance by Standard Method 2510B**

Method: 2510B Prepared: 10/19/16 11:47

Units: umho/cm Analyzed: 10/19/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1553		10.00	

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

Method: SM 2540C Prepared: 10/19/16 14:00

Units: mg/L Analyzed: 10/19/16 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	950		10	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211D** Lab Sample ID: **16J0616-06**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Chloride by Ion Chromatography 300.0**

Method: EPA 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 09:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	196		1.00	

#### **Mercury by EPA Method 7470**

Method: 7470 Prepared: 10/26/16 13:00

Units: ug/L Analyzed: 11/01/16 09:48

<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: 10/19/16 09:52

Units: ug/L Analyzed: 10/24/16 10:31

<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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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211D** Lab Sample ID: **16J0616-06**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Metals (Minerals) by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: mg/L Analyzed: 10/27/16 10:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Calcium</b>	<b>134</b>		0.30	100000
<b>Magnesium</b>	<b>53.5</b>		0.30	100000
<b>Potassium</b>	<b>3.21</b>		1.40	100000
<b>Sodium</b>	<b>94.2</b>		0.30	
<b>Hardness</b>	<b>556</b>		1.98	

#### **Metals by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
<b>Barium</b>	<b>269</b>		5.00	
Beryllium	ND		1.00	
<b>Boron</b>	<b>205</b>		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
<b>Iron</b>	<b>1910</b>		50.0	40000
<b>Manganese</b>	<b>312</b>		15.0	
Nickel	ND		5.00	

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# Illinois Environmental Protection Agency Laboratory

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## LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211D** Lab Sample ID: **16J0616-06**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
<b>Strontium</b>	<b>238</b>		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 10/24/16 14:46

Units: mg/L Analyzed: 10/24/16 16:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Nitrogen, Nitrite (NO2) + Nitrate (NC)</b>	<b>0.102</b>		0.100	

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

Method: EPA 350.1 Prepared: 10/18/16 10:29

Units: mg/L Analyzed: 10/18/16 10:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Ammonia as N</b>	<b>0.31</b>		0.10	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G211D** Lab Sample ID: **16J0616-06**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1**

Method: EPA 365.1 Prepared: 10/19/16 10:44

Units: mg/L Analyzed: 10/24/16 14:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Phosphorus as P</b>	<b>0.0180</b>		0.0050	

#### **Sulfate by Ion Chromatography 300.0**

Method: 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 10:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Sulfate</b>	<b>161</b>		20.0	

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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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 17:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

### **Volatiles Organic Compounds by Purge and Trap GC/MS**

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 17:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	

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# Illinois Environmental Protection Agency Laboratory

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## LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 13:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

#### **Cyanide by EPA Method 335.4**

Method: 335.4 Prepared: 10/19/16 08:58

Units: mg/L Analyzed: 10/19/16 14:18

<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: 10/19/16 13:59

Units: PH Analyzed: 10/19/16 14:02

<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: 10/18/16 11:23

Units: ug/L Analyzed: 10/18/16 11:23

<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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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214T** Lab Sample ID: **16J0616-07**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

#### **Specific Conductance by Standard Method 2510B**

Method: 2510B Prepared: 10/19/16 11:47

Units: umho/cm Analyzed: 10/19/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1468		10.00	

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

Method: SM 2540C Prepared: 10/19/16 14:00

Units: mg/L Analyzed: 10/19/16 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	1020		10	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214D** Lab Sample ID: **16J0616-08**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

#### **Chloride by Ion Chromatography 300.0**

Method: EPA 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 10:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	123		1.00	

#### **Mercury by EPA Method 7470**

Method: 7470 Prepared: 10/26/16 13:00

Units: ug/L Analyzed: 11/01/16 09:48

<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: 10/19/16 09:52

Units: ug/L Analyzed: 10/24/16 10:34

<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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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214D** Lab Sample ID: **16J0616-08**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

#### **Metals (Minerals) by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: mg/L Analyzed: 10/27/16 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	168		0.30	100000
Magnesium	61.2		0.30	100000
Potassium	2.15		1.40	100000
Sodium	47.5		0.30	
Hardness	671		1.98	

#### **Metals by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	47.2		5.00	
Beryllium	ND		1.00	
Boron	122	v	10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	ND		50.0	40000
Manganese	450		15.0	
Nickel	5.34		5.00	

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# Illinois Environmental Protection Agency Laboratory

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## LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214D** Lab Sample ID: **16J0616-08**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

### Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
<b>Strontium</b>	<b>417</b>		5.00	
Vanadium	ND		5.00	
<b>Zinc</b>	<b>77.1</b>		25.0	

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

Method: 353.2 Prepared: 10/24/16 14:46

Units: mg/L Analyzed: 10/24/16 16:21

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

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

Method: EPA 350.1 Prepared: 10/18/16 10:40

Units: mg/L Analyzed: 10/18/16 10:40

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

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G214D** Lab Sample ID: **16J0616-08**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 9:30

Sample Type: Sample Depth: Total Depth:

#### **Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1**

Method: EPA 365.1 Prepared: 10/19/16 10:44

Units: mg/L Analyzed: 10/24/16 14:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	ND		0.0050	

#### **Sulfate by Ion Chromatography 300.0**

Method: 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 10:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	233		20.0	

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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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 18:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 18:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Semivolatiles by GC/MS

Method: 8270 Prepared: 10/19/16 12:00

Units: ug/L Analyzed: 10/21/16 14:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Cyanide by EPA Method 335.4**

Method: 335.4 Prepared: 10/19/16 08:58

Units: mg/L Analyzed: 10/19/16 14:21

<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: 10/19/16 13:59

Units: PH Analyzed: 10/19/16 14:02

<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: 10/18/16 11:23

Units: ug/L Analyzed: 10/18/16 11:23

<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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **16J0616-09**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Specific Conductance by Standard Method 2510B**

Method: 2510B Prepared: 10/19/16 11:47

Units: umho/cm Analyzed: 10/19/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1540		10.00	

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

Method: SM 2540C Prepared: 10/19/16 14:00

Units: mg/L Analyzed: 10/19/16 14:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	958		10	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **16J0616-10**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Chloride by Ion Chromatography 300.0**

Method: EPA 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 10:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	196		1.00	

#### **Mercury by EPA Method 7470**

Method: 7470 Prepared: 10/26/16 13:00

Units: ug/L Analyzed: 11/01/16 09:48

<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: 10/19/16 09:52

Units: ug/L Analyzed: 10/24/16 10:37

<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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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **16J0616-10**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Metals (Minerals) by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: mg/L Analyzed: 10/27/16 10:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Calcium</b>	138		0.30	100000
<b>Magnesium</b>	54.7		0.30	100000
<b>Potassium</b>	3.21		1.40	100000
<b>Sodium</b>	96.0		0.30	
<b>Hardness</b>	571		1.98	

#### **Metals by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
<b>Barium</b>	278		5.00	
Beryllium	ND		1.00	
<b>Boron</b>	205		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
<b>Iron</b>	1960		50.0	40000
<b>Manganese</b>	320		15.0	
Nickel	ND		5.00	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received: 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **16J0616-10**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### **Metals by EPA Method 6010 - ICP**

Method: SW-846 6010 Prepared: 10/19/16 09:51

Units: ug/L Analyzed: 10/27/16 10:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
<b>Strontium</b>	<b>245</b>		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 10/24/16 14:46

Units: mg/L Analyzed: 10/24/16 16:25

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

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

Method: EPA 350.1 Prepared: 10/18/16 10:43

Units: mg/L Analyzed: 10/18/16 10:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Ammonia as N</b>	<b>0.32</b>		0.10	

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## Illinois Environmental Protection Agency Laboratory

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### LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **16J0616-10**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

#### **Phosphorus, All Forms, Colorimetric, Automated, by EPA Method 365.1**

Method: EPA 365.1 Prepared: 10/19/16 10:44

Units: mg/L Analyzed: 10/24/16 14:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Phosphorus as P</b>	<b>0.0200</b>		0.0050	

#### **Sulfate by Ion Chromatography 300.0**

Method: 300.0 Prepared: 10/19/16 13:47

Units: mg/L Analyzed: 10/20/16 10:59

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Sulfate</b>	<b>163</b>		20.0	

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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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **TRIP BLANK 1** Lab Sample ID: **16J0616-11**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 18:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **TRIP BLANK 1** Lab Sample ID: **16J0616-11**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 12:17

Sample Type: Sample Depth: Total Depth:

### **Volatiles Organic Compounds by Purge and Trap GC/MS**

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 18:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **TRIP BLANK 2** Lab Sample ID: **16J0616-12**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 19:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **TRIP BLANK 2** Lab Sample ID: **16J0616-12**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 10:30

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 19:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **TRIP BLANK 3** Lab Sample ID: **16J0616-13**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 19:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **TRIP BLANK 3** Lab Sample ID: **16J0616-13**

Matrix: Water Collected By: JT Date/Time Collected: 10/17/16 11:25

Sample Type: Sample Depth: Total Depth:

### Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 10/18/16 08:00

Units: ug/L Analyzed: 10/18/16 19:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK)	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	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 : 10/17/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

### **Notes and Definitions**

- V Indicates the analyte was detected in both the sample and the associated method blank and was outside method blank acceptance criteria.
- Q Maximum holding time exceeded.
- 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 samples 16J0616-03, -05, -07, and -09. Please contact the laboratory if additional information about the TICs is needed.

Report Authorized by:

Tom Weiss  
Laboratory Manager

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