



## 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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**Reported:**  
06/14/18 15:56  
Page 1 of 67



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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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**Reported:**  
06/14/18 15:56  
Page 2 of 67



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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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**Reported:**  
06/14/18 15:56  
Page 3 of 67



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<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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**Reported:**  
06/14/18 15:56  
Page 4 of 67



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<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	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.7</b>		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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**Reported:**  
06/14/18 15:56  
Page 5 of 67



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<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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06/14/18 15:56  
Page 6 of 67



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#### **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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**Reported:**  
06/14/18 15:56  
Page 7 of 67



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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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**Reported:**  
06/14/18 15:56  
Page 8 of 67





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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

#### **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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**Reported:**  
06/14/18 15:56  
Page 9 of 67



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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>
<b>Calcium</b>	<b>70.6</b>		0.30	100000
<b>Hardness</b>	<b>355</b>		1.98	
<b>Magnesium</b>	<b>43.5</b>		0.30	100000
<b>Potassium</b>	<b>1.53</b>		1.40	100000
<b>Sodium</b>	<b>43.5</b>		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>
<b>Aluminum</b>	<b>176</b>		60.0	40000
<b>Barium</b>	<b>136</b>		5.00	
Beryllium	ND		1.00	
<b>Boron</b>	<b>518</b>		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
<b>Iron</b>	<b>2010</b>		50.0	40000
Manganese	ND		15.0	
Nickel	ND		5.00	

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Page 10 of 67



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### **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	
<b>Strontium</b>	<b>1870</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: 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 <sub>2</sub> ) + Nitrate (NO <sub>3</sub> )	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>
<b>Ammonia as N</b>	<b>4.49</b>		0.10	

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06/14/18 15:56  
Page 11 of 67



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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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06/14/18 15:56  
Page 12 of 67



# 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: **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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**Reported:**  
06/14/18 15:56  
Page 13 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 14 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 15 of 67



## Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### LABORATORY RESULTS

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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

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### 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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**Reported:**  
06/14/18 15:56  
Page 16 of 67





## 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: **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	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.6</b>		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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**Reported:**  
06/14/18 15:56  
Page 17 of 67



## Illinois Environmental Protection Agency Laboratory

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Funding Code: LP43 Visit Number:

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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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**Reported:**  
06/14/18 15:56  
Page 18 of 67



## Illinois Environmental Protection Agency Laboratory

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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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**Reported:**  
06/14/18 15:56  
Page 19 of 67



## Illinois Environmental Protection Agency Laboratory

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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

#### **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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**Reported:**  
06/14/18 15:56  
Page 20 of 67



## Illinois Environmental Protection Agency Laboratory

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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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**Reported:**  
06/14/18 15:56  
Page 21 of 67



## 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: **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>
<b>Calcium</b>	134		0.30	100000
<b>Hardness</b>	555		1.98	
<b>Magnesium</b>	53.3		0.30	100000
<b>Potassium</b>	2.12		1.40	100000
<b>Sodium</b>	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
<b>Barium</b>	185		5.00	
Beryllium	ND		1.00	
<b>Boron</b>	82.2		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
<b>Iron</b>	1310		50.0	40000
<b>Manganese</b>	442		15.0	
Nickel	ND		5.00	

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**Reported:**  
06/14/18 15:56  
Page 22 of 67



## Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### LABORATORY RESULTS

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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	
<b>Strontium</b>	<b>225</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: 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 <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: 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>
<b>Ammonia as N</b>	<b>0.11</b>		0.10	

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**Reported:**  
06/14/18 15:56  
Page 23 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 24 of 67





## 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: **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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**Reported:**  
06/14/18 15:56  
Page 25 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 26 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 27 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 28 of 67



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

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

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### 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	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.6</b>		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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**Reported:**  
06/14/18 15:56  
Page 29 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 30 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 31 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 32 of 67





# 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: **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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**Reported:**  
06/14/18 15:56  
Page 33 of 67



## 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: **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>
<b>Calcium</b>	<b>165</b>		0.30	100000
<b>Hardness</b>	<b>689</b>		1.98	
<b>Magnesium</b>	<b>67.1</b>		0.30	100000
<b>Potassium</b>	<b>2.62</b>		1.40	100000
<b>Sodium</b>	<b>97.6</b>		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
<b>Barium</b>	<b>253</b>		5.00	
Beryllium	ND		1.00	
<b>Boron</b>	<b>268</b>		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
<b>Iron</b>	<b>3690</b>		50.0	40000
<b>Manganese</b>	<b>343</b>		15.0	
Nickel	ND		5.00	

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**Reported:**  
06/14/18 15:56  
Page 34 of 67



## 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: **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	
<b>Strontium</b>	<b>284</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: 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 <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: 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>
<b>Ammonia as N</b>	<b>0.60</b>		0.10	

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**Reported:**  
06/14/18 15:56  
Page 35 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 36 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 37 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 38 of 67



# 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: **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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**Reported:**  
06/14/18 15:56  
Page 39 of 67



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

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

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### 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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**Reported:**  
06/14/18 15:56  
Page 40 of 67





## 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

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

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### 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	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.6</b>		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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**Reported:**  
06/14/18 15:56  
Page 41 of 67



## 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

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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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**Reported:**  
06/14/18 15:56  
Page 42 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 43 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 44 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 45 of 67



## 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: **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>
<b>Calcium</b>	153		0.30	100000
<b>Hardness</b>	624		1.98	
<b>Magnesium</b>	58.9		0.30	100000
<b>Potassium</b>	2.63		1.40	100000
<b>Sodium</b>	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
<b>Barium</b>	301		5.00	
Beryllium	ND		1.00	
<b>Boron</b>	171		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
<b>Iron</b>	2860		50.0	40000
<b>Manganese</b>	236		15.0	
Nickel	ND		5.00	

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**Reported:**  
06/14/18 15:56  
Page 46 of 67



## 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: **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	
<b>Strontium</b>	<b>258</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: 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 <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: 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>
<b>Ammonia as N</b>	<b>0.43</b>		0.10	

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**Reported:**  
06/14/18 15:56  
Page 47 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 48 of 67





## 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: **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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**Reported:**  
06/14/18 15:56  
Page 49 of 67



# 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: **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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**Reported:**  
06/14/18 15:56  
Page 50 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 51 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 52 of 67



## 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

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

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### 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	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.6</b>		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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**Reported:**  
06/14/18 15:56  
Page 53 of 67



## 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:

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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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**Reported:**  
06/14/18 15:56  
Page 54 of 67



# 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: **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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**Reported:**  
06/14/18 15:56  
Page 55 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 56 of 67





## 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: **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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**Reported:**  
06/14/18 15:56  
Page 57 of 67



## 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: **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>
<b>Calcium</b>	152		0.30	100000
<b>Hardness</b>	623		1.98	
<b>Magnesium</b>	59.4		0.30	100000
<b>Potassium</b>	2.60		1.40	100000
<b>Sodium</b>	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>
<b>Aluminum</b>	99.4		60.0	40000
<b>Barium</b>	307		5.00	
Beryllium	ND		1.00	
<b>Boron</b>	177		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
<b>Iron</b>	2870		50.0	40000
<b>Manganese</b>	240		15.0	
Nickel	ND		5.00	

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**Reported:**  
06/14/18 15:56  
Page 58 of 67



## 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: **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	
<b>Strontium</b>	<b>257</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: 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 <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: 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>
<b>Ammonia as N</b>	<b>0.43</b>		0.10	

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**Reported:**  
06/14/18 15:56  
Page 59 of 67



## 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: **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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**Reported:**  
06/14/18 15:56  
Page 60 of 67



# 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 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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**Reported:**  
06/14/18 15:56  
Page 61 of 67



## 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 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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**Reported:**  
06/14/18 15:56  
Page 62 of 67



# 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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**Reported:**  
06/14/18 15:56  
Page 63 of 67



## 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>
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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**Reported:**  
06/14/18 15:56  
Page 64 of 67





# 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 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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**Reported:**  
06/14/18 15:56  
Page 65 of 67



## 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 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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**Reported:**  
06/14/18 15:56  
Page 66 of 67



## 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

### **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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**Reported:**  
06/14/18 15:56  
Page 67 of 67