



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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 13:17

| <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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 1 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 13:17

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 2 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 14:51

| <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 | J3, J5 | 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 | J5 | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 3 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 14:51

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 4 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 14:51

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------------|---------------|------------------|------------------------|-------------------------|
| Benzo(b)fluoranthene | ND | | 1.5 | |
| Benzo(ghi)perylene | ND | | 1.5 | |
| Benzo(k)fluoranthene | ND | | 1.5 | |
| Bis(2-chloroethoxy)methane | ND | | 1.5 | |
| Bis(2-chloroethyl)ether | ND | | 1.5 | |
| Bis(2-ethylhexyl)phthalate | ND | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 5 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 14:51

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 6 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/25/17 09:46

Units: mg/L Analyzed: 05/25/17 11:41

| <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: 05/24/17 14:15

Units: PH Analyzed: 05/24/17 14:18

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Laboratory pH | 7.6 | Q | 0.1 | |

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/24/17 12:31

Units: ug/L Analyzed: 05/24/17 12:31

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 7 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222T** Lab Sample ID: **17E0831-01**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:46

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 06/07/17 09:58

Units: umho/cm Analyzed: 06/07/17 10:00

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------|---------------|------------------|------------------------|-------------------------|
| Specific Conductance | 786.0 | | 10.00 | |

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

Method: 2540C Prepared: 05/25/17 11:20

Units: mg/L Analyzed: 06/26/17 15:43

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|--------------------------|---------------|------------------|------------------------|-------------------------|
| Total Dissolved Solids * | 456 | | 10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 8 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222D** Lab Sample ID: **17E0831-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:48

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 16:56

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Chloride | 2.91 | | 1.00 | |

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/30/17 12:31

Units: ug/L Analyzed: 06/09/17 11:00

| <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: 06/08/17 09:22

Units: ug/L Analyzed: 06/14/17 11:14

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Antimony | ND | | 2.00 | |
| Arsenic | 61.9 | | 0.50 | |
| Lead | ND | | 5.00 | |
| Selenium | ND | | 2.00 | |
| Thallium | ND | | 2.00 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 9 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222D** Lab Sample ID: **17E0831-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:48

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: mg/L Analyzed: 06/21/17 10:20

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Calcium | 68.7 | | 0.30 | 100000 |
| Hardness | 355 | | 1.98 | |
| Magnesium | 44.5 | | 0.30 | 100000 |
| Potassium | 1.92 | | 1.40 | 100000 |
| Sodium | 42.3 | | 0.30 | |

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:20

| <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 | 499 | | 10.0 | |
| Cadmium | ND | | 3.00 | |
| Chromium | ND | | 5.00 | |
| Cobalt | ND | | 10.0 | |
| Copper | ND | | 10.0 | |
| Iron | 2130 | | 50.0 | 40000 |
| Manganese | 17.6 | | 15.0 | |
| Nickel | ND | | 5.00 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 10 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222D** Lab Sample ID: **17E0831-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:48

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:20

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Silver | ND | | 3.00 | |
| Strontium | 1860 | | 5.00 | |
| Vanadium | ND | | 5.00 | |
| Zinc | ND | | 25.0 | |

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

Method: 353.2 Prepared: 05/24/17 14:36

Units: mg/L Analyzed: 05/24/17 16:21

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

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

Method: EPA 350.1 Prepared: 05/24/17 13:39

Units: mg/L Analyzed: 05/24/17 13:39

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|---------------------|---------------|------------------|------------------------|-------------------------|
| Ammonia as N | 3.86 | | 0.10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 11 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G222D** Lab Sample ID: **17E0831-02**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 12:48

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 16:56

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 13:49

| <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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 13:49

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:18

| <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 | J5 | 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 | J5 | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 15 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:18

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:18

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------------|---------------|------------------|------------------------|-------------------------|
| Benzo(b)fluoranthene | ND | | 1.5 | |
| Benzo(ghi)perylene | ND | | 1.5 | |
| Benzo(k)fluoranthene | ND | | 1.5 | |
| Bis(2-chloroethoxy)methane | ND | | 1.5 | |
| Bis(2-chloroethyl)ether | ND | | 1.5 | |
| Bis(2-ethylhexyl)phthalate | ND | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 17 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:18

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 18 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/25/17 09:46

Units: mg/L Analyzed: 05/25/17 11:41

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Cyanide | 0.006 | | 0.005 | |

pH

Method: SM 4500H+B Prepared: 05/24/17 14:15

Units: PH Analyzed: 05/24/17 14:18

| <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: 05/24/17 12:31

Units: ug/L Analyzed: 05/24/17 12:31

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 19 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212T** Lab Sample ID: **17E0831-03**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 06/07/17 09:58

Units: umho/cm Analyzed: 06/07/17 10:00

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------|---------------|------------------|------------------------|-------------------------|
| Specific Conductance | 1473 | | 10.00 | |

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

Method: 2540C Prepared: 05/25/17 11:20

Units: mg/L Analyzed: 06/26/17 15:43

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|--------------------------|---------------|------------------|------------------------|-------------------------|
| Total Dissolved Solids * | 900 | | 10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 20 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212D** Lab Sample ID: **17E0831-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:06

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Chloride | 171 | | 1.00 | |

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/30/17 12:31

Units: ug/L Analyzed: 06/09/17 11:00

| <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: 06/08/17 09:22

Units: ug/L Analyzed: 06/14/17 11:17

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212D** Lab Sample ID: **17E0831-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: mg/L Analyzed: 06/21/17 10:24

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Calcium | 144 | | 0.30 | 100000 |
| Hardness | 583 | | 1.98 | |
| Magnesium | 54.5 | | 0.30 | 100000 |
| Potassium | 3.06 | | 1.40 | 100000 |
| Sodium | 91.6 | | 0.30 | |

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:24

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Aluminum | ND | | 60.0 | 40000 |
| Barium | 313 | | 5.00 | |
| Beryllium | ND | | 1.00 | |
| Boron | 182 | | 10.0 | |
| Cadmium | ND | | 3.00 | |
| Chromium | ND | | 5.00 | |
| Cobalt | ND | | 10.0 | |
| Copper | ND | | 10.0 | |
| Iron | 2490 | | 50.0 | 40000 |
| Manganese | 239 | | 15.0 | |
| Nickel | ND | | 5.00 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 22 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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212D** Lab Sample ID: **17E0831-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:24

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Silver | ND | | 3.00 | |
| Strontium | 231 | | 5.00 | |
| Vanadium | ND | | 5.00 | |
| Zinc | ND | | 25.0 | |

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

Method: 353.2 Prepared: 05/24/17 14:36

Units: mg/L Analyzed: 05/24/17 16:22

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

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

Method: EPA 350.1 Prepared: 05/24/17 13:39

Units: mg/L Analyzed: 05/24/17 13:39

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|---------------------|---------------|------------------|------------------------|-------------------------|
| Ammonia as N | 0.39 | | 0.10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G212D** Lab Sample ID: **17E0831-04**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:50

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:06

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Sulfate | 135 | | 10.0 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 14:21

| <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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 14:21

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:45

| <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 | J5 | 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 | J5 | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:45

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:45

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------------|---------------|------------------|------------------------|-------------------------|
| Benzo(b)fluoranthene | ND | | 1.5 | |
| Benzo(ghi)perylene | ND | | 1.5 | |
| Benzo(k)fluoranthene | ND | | 1.5 | |
| Bis(2-chloroethoxy)methane | ND | | 1.5 | |
| Bis(2-chloroethyl)ether | ND | | 1.5 | |
| Bis(2-ethylhexyl)phthalate | ND | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 15:45

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/25/17 09:46

Units: mg/L Analyzed: 05/25/17 11:44

| <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: 05/24/17 14:15

Units: PH Analyzed: 05/24/17 14:18

| <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: 05/24/17 12:31

Units: ug/L Analyzed: 05/24/17 12:31

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116T** Lab Sample ID: **17E0831-05**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 06/07/17 09:58

Units: umho/cm Analyzed: 06/07/17 10:00

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------|---------------|------------------|------------------------|-------------------------|
| Specific Conductance | 1609 | | 10.00 | |

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

Method: 2540C Prepared: 05/25/17 11:20

Units: mg/L Analyzed: 06/26/17 15:43

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|--------------------------|---------------|------------------|------------------------|-------------------------|
| Total Dissolved Solids * | 970 | | 10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116D** Lab Sample ID: **17E0831-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:16

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Chloride | 202 | | 1.00 | |

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/30/17 12:31

Units: ug/L Analyzed: 06/09/17 11:00

| <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: 06/08/17 09:22

Units: ug/L Analyzed: 06/14/17 11:20

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116D** Lab Sample ID: **17E0831-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: mg/L Analyzed: 06/21/17 10:27

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Calcium | 163 | | 0.30 | 100000 |
| Hardness | 668 | | 1.98 | |
| Magnesium | 63.3 | | 0.30 | 100000 |
| Potassium | 2.59 | | 1.40 | 100000 |
| Sodium | 86.3 | | 0.30 | |

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:27

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Aluminum | ND | | 60.0 | 40000 |
| Barium | 315 | | 5.00 | |
| Beryllium | ND | | 1.00 | |
| Boron | 160 | | 10.0 | |
| Cadmium | ND | | 3.00 | |
| Chromium | ND | | 5.00 | |
| Cobalt | ND | | 10.0 | |
| Copper | ND | | 10.0 | |
| Iron | 2330 | | 50.0 | 40000 |
| Manganese | 197 | | 15.0 | |
| Nickel | ND | | 5.00 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116D** Lab Sample ID: **17E0831-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:27

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Silver | ND | | 3.00 | |
| Strontium | 270 | | 5.00 | |
| Vanadium | ND | | 5.00 | |
| Zinc | ND | | 25.0 | |

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

Method: 353.2 Prepared: 05/24/17 14:36

Units: mg/L Analyzed: 05/24/17 16:26

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

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

Method: EPA 350.1 Prepared: 05/24/17 13:39

Units: mg/L Analyzed: 05/24/17 13:39

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|---------------------|---------------|------------------|------------------------|-------------------------|
| Ammonia as N | 0.66 | | 0.10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G116D** Lab Sample ID: **17E0831-06**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 11:15

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:16

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Sulfate | 139 | | 10.0 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 14:53

| <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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 14:53

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:12

| <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 | J5 | 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 | J5 | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:12

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:12

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------------|---------------|------------------|------------------------|-------------------------|
| Benzo(b)fluoranthene | ND | | 1.5 | |
| Benzo(ghi)perylene | ND | | 1.5 | |
| Benzo(k)fluoranthene | ND | | 1.5 | |
| Bis(2-chloroethoxy)methane | ND | | 1.5 | |
| Bis(2-chloroethyl)ether | ND | | 1.5 | |
| Bis(2-ethylhexyl)phthalate | ND | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:12

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/25/17 09:46

Units: mg/L Analyzed: 05/25/17 11:44

| <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: 05/24/17 14:15

Units: PH Analyzed: 05/24/17 14:18

| <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: 05/24/17 12:31

Units: ug/L Analyzed: 05/24/17 12:31

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216T** Lab Sample ID: **17E0831-07**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 06/07/17 09:58

Units: umho/cm Analyzed: 06/07/17 10:00

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------|---------------|------------------|------------------------|-------------------------|
| Specific Conductance | 864.0 | | 10.00 | |

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

Method: 2540C Prepared: 05/25/17 11:20

Units: mg/L Analyzed: 05/26/17 15:43

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|--------------------------|---------------|------------------|------------------------|-------------------------|
| Total Dissolved Solids * | 472 | | 10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216D** Lab Sample ID: **17E0831-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:25

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Chloride | 29.8 | | 1.00 | |

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/30/17 12:31

Units: ug/L Analyzed: 06/09/17 11:00

| <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: 06/08/17 09:22

Units: ug/L Analyzed: 06/14/17 11:23

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216D** Lab Sample ID: **17E0831-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: mg/L Analyzed: 06/21/17 10:30

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Calcium | 94.3 | | 0.30 | 100000 |
| Hardness | 442 | | 1.98 | |
| Magnesium | 50.2 | | 0.30 | 100000 |
| Potassium | 2.09 | | 1.40 | 100000 |
| Sodium | 19.1 | | 0.30 | |

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:30

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Aluminum | ND | | 60.0 | 40000 |
| Barium | 218 | | 5.00 | |
| Beryllium | ND | | 1.00 | |
| Boron | 208 | | 10.0 | |
| Cadmium | ND | | 3.00 | |
| Chromium | ND | | 5.00 | |
| Cobalt | ND | | 10.0 | |
| Copper | ND | | 10.0 | |
| Iron | 2040 | | 50.0 | 40000 |
| Manganese | 46.6 | | 15.0 | |
| Nickel | ND | | 5.00 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216D** Lab Sample ID: **17E0831-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:30

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Silver | ND | | 3.00 | |
| Strontium | 2140 | | 5.00 | |
| Vanadium | ND | | 5.00 | |
| Zinc | ND | | 25.0 | |

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

Method: 353.2 Prepared: 05/24/17 14:36

Units: mg/L Analyzed: 05/24/17 16:27

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

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

Method: EPA 350.1 Prepared: 05/24/17 13:39

Units: mg/L Analyzed: 05/24/17 13:39

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|---------------------|---------------|------------------|------------------------|-------------------------|
| Ammonia as N | 2.75 | | 0.10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G216D** Lab Sample ID: **17E0831-08**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:25

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 15:25

| <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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 15:25

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:39

| <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 | J5 | 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 | J5 | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:39

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:39

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------------|---------------|------------------|------------------------|-------------------------|
| Benzo(b)fluoranthene | ND | | 1.5 | |
| Benzo(ghi)perylene | ND | | 1.5 | |
| Benzo(k)fluoranthene | ND | | 1.5 | |
| Bis(2-chloroethoxy)methane | ND | | 1.5 | |
| Bis(2-chloroethyl)ether | ND | | 1.5 | |
| Bis(2-ethylhexyl)phthalate | ND | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/17 07:30

Units: ug/L Analyzed: 06/05/17 16:39

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/25/17 09:46

Units: mg/L Analyzed: 05/25/17 11:45

| <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: 05/24/17 14:15

Units: PH Analyzed: 05/24/17 14:18

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Laboratory pH | 7.4 | Q | 0.1 | |

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/24/17 12:31

Units: ug/L Analyzed: 05/24/17 12:31

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250T** Lab Sample ID: **17E0831-09**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 06/07/17 09:58

Units: umho/cm Analyzed: 06/07/17 10:00

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------------|---------------|------------------|------------------------|-------------------------|
| Specific Conductance | 872.0 | | 10.00 | |

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

Method: 2540C Prepared: 05/25/17 11:20

Units: mg/L Analyzed: 06/26/17 15:43

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|--------------------------|---------------|------------------|------------------------|-------------------------|
| Total Dissolved Solids * | 472 | | 10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **17E0831-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:35

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|----------------|---------------|------------------|------------------------|-------------------------|
| Chloride | 29.6 | | 1.00 | |

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/30/17 12:31

Units: ug/L Analyzed: 06/09/17 11:00

| <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: 06/08/17 09:22

Units: ug/L Analyzed: 06/14/17 11:26

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **17E0831-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: mg/L Analyzed: 06/21/17 10:33

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Calcium | 94.3 | | 0.30 | 100000 |
| Hardness | 441 | | 1.98 | |
| Magnesium | 49.8 | | 0.30 | 100000 |
| Potassium | 2.07 | | 1.40 | 100000 |
| Sodium | 18.8 | | 0.30 | |

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:33

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Aluminum | 67.2 | | 60.0 | 40000 |
| Barium | 217 | | 5.00 | |
| Beryllium | ND | | 1.00 | |
| Boron | 211 | | 10.0 | |
| Cadmium | ND | | 3.00 | |
| Chromium | ND | | 5.00 | |
| Cobalt | ND | | 10.0 | |
| Copper | ND | | 10.0 | |
| Iron | 2030 | | 50.0 | 40000 |
| Manganese | 46.3 | | 15.0 | |
| Nickel | ND | | 5.00 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **17E0831-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 06/08/17 09:21

Units: ug/L Analyzed: 06/21/17 10:33

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|------------------|---------------|------------------|------------------------|-------------------------|
| Silver | ND | | 3.00 | |
| Strontium | 2090 | | 5.00 | |
| Vanadium | ND | | 5.00 | |
| Zinc | ND | | 25.0 | |

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

Method: 353.2 Prepared: 05/24/17 14:36

Units: mg/L Analyzed: 05/24/17 16:28

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

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

Method: EPA 350.1 Prepared: 05/25/17 13:30

Units: mg/L Analyzed: 05/25/17 13:30

| <u>Analyte</u> | <u>Result</u> | <u>Qualifier</u> | <u>Reporting Limit</u> | <u>Regulatory Level</u> |
|---------------------|---------------|------------------|------------------------|-------------------------|
| Ammonia as N | 2.92 | | 0.10 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **G250D** Lab Sample ID: **17E0831-10**

Matrix: Water Collected By: JT Date/Time Collected: 05/23/17 10:00

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 06/01/17 09:31

Units: mg/L Analyzed: 06/01/17 17:35

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **VOC TRIP BLANK 1** Lab Sample ID: **17E0831-11**

Matrix: Water Collected By: NA Date/Time Collected: 05/23/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **VOC TRIP BLANK 1** Lab Sample ID: **17E0831-11**

Matrix: Water Collected By: NA Date/Time Collected: 05/23/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **VOC TRIP BLANK 2** Lab Sample ID: **17E0831-12**

Matrix: Water Collected By: NA Date/Time Collected: 05/23/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 16:29

| <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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **VOC TRIP BLANK 2** Lab Sample ID: **17E0831-12**

Matrix: Water Collected By: NA Date/Time Collected: 05/23/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 16:29

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **VOC TRIP BLANK 3** Lab Sample ID: **17E0831-13**

Matrix: Water Collected By: NA Date/Time Collected: 05/23/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 17:01

| <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 | | 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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

Client Sample ID: **VOC TRIP BLANK 3** Lab Sample ID: **17E0831-13**

Matrix: Water Collected By: NA Date/Time Collected: 05/23/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/25/17 09:01

Units: ug/L Analyzed: 05/25/17 17:01

| <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 | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
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 : 05/23/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 15.00

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.
- 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 17E0831-03, -05, and -09. Please contact the laboratory if additional information about the TICs is needed.

Report Authorized by:

Tom Weiss
Laboratory Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
06/28/17 10:39
Page 67 of 67