



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 : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G222T** Lab Sample ID: **18K0172-01**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 18:06

<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	

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Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 18:06

<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	J3	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	J3	2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G222T** Lab Sample ID: **18K0172-01**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 11:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		5.0	
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		5.0	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		5.0	

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<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		5.0	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		5.0	
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		5.0	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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<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		5.0	
Butyl benzyl phthalate	ND		5.0	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		5.0	
Dimethylphthalate	ND		5.0	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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Units: ug/L Analyzed: 11/15/18 11:24

<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		5.0	
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		5.0	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		5.0	
Pronamide	ND		1.5	
Pyrene	ND		5.0	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 11/08/18 09:19

Units: mg/L Analyzed: 11/08/18 12:49

<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: 11/08/18 13:25

Units: PH Analyzed: 11/08/18 13:28

<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: 11/16/18 09:23

Units: ug/L Analyzed: 11/16/18 13:39

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

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G222T** Lab Sample ID: **18K0172-01**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 11/09/18 10:30

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 11/09/18 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	846.00		10.00	

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

Method: 2540C Prepared: 11/08/18 12:37

Units: mg/L Analyzed: 12/08/18 13:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	466		10	

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Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G222D** Lab Sample ID: **18K0172-02**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 11/07/18 13:03

Units: mg/L Analyzed: 11/09/18 22:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	2.13		1.00	

Mercury by EPA Method 7470*

Method: 7470 Prepared: 11/15/18 10:16

Units: ug/L Analyzed: 11/19/18 12:06

<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: 11/09/18 09:33

Units: ug/L Analyzed: 11/28/18 11:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	58.2		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.0C

Client Sample ID: **G222D** Lab Sample ID: **18K0172-02**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: mg/L Analyzed: 11/14/18 11:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	65.2		0.30	100000
Hardness	337		1.98	
Magnesium	42.3		0.30	100000
Potassium	1.70		1.40	100000
Sodium	40.0		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	136		5.00	
Beryllium	ND		1.00	
Boron	480		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2120		50.0	40000
Manganese	ND		15.0	
Nickel	ND		5.00	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.0C

Client Sample ID: **G222D** Lab Sample ID: **18K0172-02**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	1920		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 11/09/18 11:02

Units: mg/L Analyzed: 11/09/18 14:53

<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: 11/07/18 15:26

Units: mg/L Analyzed: 11/08/18 14:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	4.22		0.10	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G222D** Lab Sample ID: **18K0172-02**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 11/07/18 13:03

Units: mg/L Analyzed: 11/09/18 22:52

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

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 19:17

<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	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 19:17

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 11:59

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		5.0	
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		5.0	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		5.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 11:59

<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		5.0	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		5.0	
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		5.0	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 11:59

<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		5.0	
Butyl benzyl phthalate	ND		5.0	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		5.0	
Dimethylphthalate	ND		5.0	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 11:59

<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		5.0	
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		5.0	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		5.0	
Pronamide	ND		1.5	
Pyrene	ND		5.0	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 11/08/18 09:19

Units: mg/L Analyzed: 11/08/18 12:50

<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: 11/08/18 13:25

Units: PH Analyzed: 11/08/18 13:28

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

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 11/16/18 09:23

Units: ug/L Analyzed: 11/16/18 11:52

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115T** Lab Sample ID: **18K0172-03**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 11/09/18 10:30

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 11/09/18 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1515.00		10.00	

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

Method: 2540C Prepared: 11/08/18 12:37

Units: mg/L Analyzed: 11/08/18 13:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	1000		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115D** Lab Sample ID: **18K0172-04**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	94.5		1.00	

Mercury by EPA Method 7470*

Method: 7470 Prepared: 11/15/18 10:16

Units: ug/L Analyzed: 11/19/18 12:06

<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: 11/09/18 09:33

Units: ug/L Analyzed: 11/28/18 11:05

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	0.59		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.0C

Client Sample ID: **G115D** Lab Sample ID: **18K0172-04**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: mg/L Analyzed: 11/14/18 11:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	188		0.30	100000
Hardness	663		1.98	
Magnesium	47.2		0.30	100000
Potassium	8.26		1.40	100000
Sodium	44.4		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	82.4		5.00	
Beryllium	ND		1.00	
Boron	167		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	ND		50.0	40000
Manganese	81.2		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received: 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115D** Lab Sample ID: **18K0172-04**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	677	B2	5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 11/09/18 11:02

Units: mg/L Analyzed: 11/09/18 14:55

<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: 11/07/18 15:26

Units: mg/L Analyzed: 11/08/18 14:23

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G115D** Lab Sample ID: **18K0172-04**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	232		10.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 19:40

<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	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 19:40

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 12:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		5.0	
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		5.0	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		5.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 12:34

<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		5.0	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		5.0	
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		5.0	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 12:34

<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		5.0	
Butyl benzyl phthalate	ND		5.0	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		5.0	
Dimethylphthalate	ND		5.0	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 12:34

<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		5.0	
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		5.0	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		5.0	
Pronamide	ND		1.5	
Pyrene	ND		5.0	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 11/08/18 09:19

Units: mg/L Analyzed: 11/08/18 12:50

<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: 11/08/18 13:25

Units: PH Analyzed: 11/08/18 13:28

<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: 11/16/18 09:23

Units: ug/L Analyzed: 11/16/18 11:57

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215T** Lab Sample ID: **18K0172-05**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 11/09/18 10:30

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 11/09/18 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1386.00		10.00	

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

Method: 2540C Prepared: 11/08/18 12:37

Units: mg/L Analyzed: 12/08/18 13:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	802		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215D** Lab Sample ID: **18K0172-06**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	128		1.00	

Mercury by EPA Method 7470*

Method: 7470 Prepared: 11/15/18 10:16

Units: ug/L Analyzed: 11/19/18 12:06

<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: 11/09/18 09:33

Units: ug/L Analyzed: 11/28/18 11:08

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.0C

Client Sample ID: **G215D** Lab Sample ID: **18K0172-06**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: mg/L Analyzed: 11/14/18 11:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	122		0.30	100000
Hardness	520		1.98	
Magnesium	52.1		0.30	100000
Potassium	1.51		1.40	100000
Sodium	50.6		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	206		5.00	
Beryllium	ND		1.00	
Boron	52.3		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1750		50.0	40000
Manganese	149		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215D** Lab Sample ID: **18K0172-06**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	278	B2	5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 11/09/18 11:02

Units: mg/L Analyzed: 11/09/18 14:56

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

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

Method: EPA 350.1 Prepared: 11/07/18 15:26

Units: mg/L Analyzed: 11/08/18 14:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	0.46		0.10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G215D** Lab Sample ID: **18K0172-06**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 12:10

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:33

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	101		10.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 20:04

<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	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 20:04

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		5.0	
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		5.0	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		5.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:09

<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		5.0	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		5.0	
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		5.0	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:09

<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		5.0	
Butyl benzyl phthalate	ND		5.0	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		5.0	
Dimethylphthalate	ND		5.0	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:09

<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		5.0	
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		5.0	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		5.0	
Pronamide	ND		1.5	
Pyrene	ND		5.0	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 11/08/18 09:19

Units: mg/L Analyzed: 11/08/18 12:53

<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: 11/08/18 13:25

Units: PH Analyzed: 11/08/18 13:28

<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: 11/16/18 09:23

Units: ug/L Analyzed: 11/16/18 12:02

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110T** Lab Sample ID: **18K0172-07**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 11/09/18 10:30

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 11/09/18 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	842.00		10.00	

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

Method: 2540C Prepared: 11/08/18 12:37

Units: mg/L Analyzed: 11/08/18 13:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	430		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110D** Lab Sample ID: **18K0172-08**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	6.10		1.00	

Mercury by EPA Method 7470*

Method: 7470 Prepared: 11/15/18 10:16

Units: ug/L Analyzed: 11/19/18 12:06

<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: 11/09/18 09:33

Units: ug/L Analyzed: 11/28/18 11:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	1.14		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.0C

Client Sample ID: **G110D** Lab Sample ID: **18K0172-08**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: mg/L Analyzed: 11/14/18 11:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	77.5		0.30	100000
Hardness	370		1.98	
Magnesium	42.8		0.30	100000
Potassium	2.32		1.40	100000
Sodium	17.4		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	214		5.00	
Beryllium	ND		1.00	
Boron	194		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2660		50.0	40000
Manganese	21.8		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110D** Lab Sample ID: **18K0172-08**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	2320		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 11/09/18 11:02

Units: mg/L Analyzed: 11/09/18 14:57

<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: 11/07/18 15:26

Units: mg/L Analyzed: 11/08/18 14:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	3.37		0.10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G110D** Lab Sample ID: **18K0172-08**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:43

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 20:27

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 20:27

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:45

<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		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		5.0	
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		5.0	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		5.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:45

<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		5.0	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		5.0	
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		5.0	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:45

<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		5.0	
Butyl benzyl phthalate	ND		5.0	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		5.0	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		5.0	
Dimethylphthalate	ND		5.0	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Semivolatiles by GC/MS

Method: 8270 Prepared: 11/14/18 08:21

Units: ug/L Analyzed: 11/15/18 13:45

<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		5.0	
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		5.0	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		5.0	
Pronamide	ND		1.5	
Pyrene	ND		5.0	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 11/08/18 09:19

Units: mg/L Analyzed: 11/08/18 12:53

<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: 11/08/18 13:25

Units: PH Analyzed: 11/08/18 13:28

<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: 11/16/18 09:23

Units: ug/L Analyzed: 11/16/18 12:07

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250T** Lab Sample ID: **18K0172-09**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 11/09/18 10:30

Units: $\mu\text{mho/cm @ } 25.0\text{ }^\circ\text{C}$ Analyzed: 11/09/18 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	843.00		10.00	

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

Method: 2540C Prepared: 11/08/18 12:37

Units: mg/L Analyzed: 12/08/18 13:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	428		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250D** Lab Sample ID: **18K0172-10**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	6.55		1.00	

Mercury by EPA Method 7470*

Method: 7470 Prepared: 11/15/18 10:16

Units: ug/L Analyzed: 11/19/18 12:06

<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: 11/09/18 09:33

Units: ug/L Analyzed: 11/28/18 11:15

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	1.15		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.0C

Client Sample ID: **G250D** Lab Sample ID: **18K0172-10**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: mg/L Analyzed: 11/14/18 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	75.1		0.30	100000
Hardness	361		1.98	
Magnesium	42.1		0.30	100000
Potassium	2.28		1.40	100000
Sodium	17.5		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	209		5.00	
Beryllium	ND		1.00	
Boron	205		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2600		50.0	40000
Manganese	21.9		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250D** Lab Sample ID: **18K0172-10**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 11/08/18 11:43

Units: ug/L Analyzed: 11/14/18 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	2270		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 11/09/18 11:02

Units: mg/L Analyzed: 11/09/18 14:58

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

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

Method: EPA 350.1 Prepared: 11/07/18 15:26

Units: mg/L Analyzed: 11/08/18 14:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	3.27		0.10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **G250D** Lab Sample ID: **18K0172-10**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 11/13/18 08:04

Units: mg/L Analyzed: 11/13/18 09:53

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **TRB1** Lab Sample ID: **18K0172-11**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 20:51

<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	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **TRB1** Lab Sample ID: **18K0172-11**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 20:51

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

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **TRB2** Lab Sample ID: **18K0172-12**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 21:14

<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	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **TRB2** Lab Sample ID: **18K0172-12**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 9:45

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 21:14

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **TRB3** Lab Sample ID: **18K0172-13**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 21:38

<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	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Client Sample ID: **TRB3** Lab Sample ID: **18K0172-13**

Matrix: Water Collected By: JT Date/Time Collected: 11/07/18 11:05

Sample Type: Sample Depth: Feet Total Depth: Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 11/08/18 09:00

Units: ug/L Analyzed: 11/08/18 21:38

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 11/07/18

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 11.00

Notes and Definitions

- Q Maximum holding time exceeded.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- B2 The sample matrix caused possible effects on measurement. The result may be biased high.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of the sample 18K0172-01. Please contact the laboratory if additional information about the TICs is needed.

Report Authorized by:

Tom Weiss
Laboratory Manager

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