



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 : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G222T** Lab Sample ID: **16E0464-01**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 12:27

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

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Units: ug/L Analyzed: 05/16/16 12:27

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

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Funding Code: LP43 Visit Number:

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Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 11:24

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

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Units: ug/L Analyzed: 05/18/16 11:24

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

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Units: ug/L Analyzed: 05/18/16 11:24

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

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Units: ug/L Analyzed: 05/18/16 11:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND	J7	1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND	J7	1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/16/16 09:08

Units: mg/L Analyzed: 05/16/16 15:30

<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: 05/13/16 15:00

Units: PH Analyzed: 05/13/16 15:06

<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: 05/16/16 13:22

Units: ug/L Analyzed: 05/16/16 13:22

<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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Client Sample ID: **G222T** Lab Sample ID: **16E0464-01**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/19/16 10:22

Units: umho/cm Analyzed: 05/19/16 10:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	822.0		10.00	

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

Method: SM 2540C Prepared: 05/16/16 15:00

Units: mg/L Analyzed: 05/18/16 08:25

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

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G222D** Lab Sample ID: **16E0464-02**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/16/16 09:15

Units: mg/L Analyzed: 05/16/16 16:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	10.7		1.00	

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 05/19/16 07:47

Units: ug/L Analyzed: 05/20/16 13:41

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

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/19/16 11:35

Units: ug/L Analyzed: 05/23/16 14:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	53.6		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: 12.00

Client Sample ID: **G222D** Lab Sample ID: **16E0464-02**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: mg/L Analyzed: 05/23/16 11:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	67.4		0.30	100000
Magnesium	41.8		0.30	100000
Potassium	1.63		1.40	100000
Sodium	41.1		0.30	
Hardness	341		1.98	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	144		5.00	
Beryllium	ND		1.00	
Boron	479		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2120		50.0	40000
Manganese	30.8		15.0	
Nickel	ND		5.00	

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Client Sample ID: **G222D** Lab Sample ID: **16E0464-02**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:41

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

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

Method: 353.2 Prepared: 05/17/16 11:43

Units: mg/L Analyzed: 05/17/16 16:14

<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: 05/16/16 09:27

Units: mg/L Analyzed: 05/16/16 09:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	3.03		0.10	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G222D** Lab Sample ID: **16E0464-02**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 12:35

Sample Type: Sample Depth: Total Depth:

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

Method: EPA 365.1 Prepared: 05/18/16 11:17

Units: mg/L Analyzed: 05/18/16 14:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0140		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/16/16 09:15

Units: mg/L Analyzed: 05/16/16 16:57

<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: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 13:01

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

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 13:01

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 11:51

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 11:51

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 11:51

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 11:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND	J7	1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND	J7	1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/16/16 09:08

Units: mg/L Analyzed: 05/16/16 15:33

<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: 05/13/16 15:00

Units: PH Analyzed: 05/13/16 15:06

<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: 05/16/16 13:22

Units: ug/L Analyzed: 05/16/16 13:22

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223T** Lab Sample ID: **16E0464-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/19/16 10:22

Units: umho/cm Analyzed: 05/19/16 10:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1019		10.00	

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

Method: SM 2540C Prepared: 05/16/16 15:00

Units: mg/L Analyzed: 05/18/16 08:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	602		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223D** Lab Sample ID: **16E0464-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/16/16 09:15

Units: mg/L Analyzed: 05/16/16 17:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	1.84		1.00	

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 05/19/16 07:47

Units: ug/L Analyzed: 05/20/16 13:41

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

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/19/16 11:35

Units: ug/L Analyzed: 05/23/16 14:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	29.2		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223D** Lab Sample ID: **16E0464-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: mg/L Analyzed: 05/23/16 11:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	94.3		0.30	100000
Magnesium	48.0		0.30	100000
Potassium	1.75		1.40	100000
Sodium	57.9		0.30	
Hardness	433		1.98	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	615		5.00	
Beryllium	ND		1.00	
Boron	388		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	9040		50.0	40000
Manganese	1980		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223D** Lab Sample ID: **16E0464-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	1200		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 05/17/16 11:43

Units: mg/L Analyzed: 05/17/16 16:15

<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: 05/16/16 09:30

Units: mg/L Analyzed: 05/16/16 09:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	4.65		0.10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **R223D** Lab Sample ID: **16E0464-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

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

Method: EPA 365.1 Prepared: 05/18/16 11:17

Units: mg/L Analyzed: 05/18/16 14:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.274		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/16/16 09:15

Units: mg/L Analyzed: 05/16/16 17:07

<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 : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 13:43

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 13:43

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:18

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:18

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:18

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND	J7	1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND	J7	1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/16/16 09:08

Units: mg/L Analyzed: 05/16/16 15:33

<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: 05/13/16 15:00

Units: PH Analyzed: 05/13/16 15:06

<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: 05/16/16 13:22

Units: ug/L Analyzed: 05/16/16 13:22

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223T** Lab Sample ID: **16E0464-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/19/16 10:22

Units: umho/cm Analyzed: 05/19/16 10:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1018		10.00	

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

Method: SM 2540C Prepared: 05/16/16 15:00

Units: mg/L Analyzed: 05/18/16 08:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	604		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223D** Lab Sample ID: **16E0464-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/16/16 09:15

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

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	1.85		1.00	

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 05/19/16 07:47

Units: ug/L Analyzed: 05/20/16 13:41

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

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/19/16 11:35

Units: ug/L Analyzed: 05/23/16 14:15

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	29.7		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223D** Lab Sample ID: **16E0464-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: mg/L Analyzed: 05/23/16 11:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	92.8		0.30	100000
Magnesium	47.6		0.30	100000
Potassium	1.70		1.40	100000
Sodium	57.4		0.30	
Hardness	428		1.98	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	606		5.00	
Beryllium	ND		1.00	
Boron	379		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	9030		50.0	40000
Manganese	1980		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223D** Lab Sample ID: **16E0464-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	1190		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 05/17/16 11:43

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

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO₂) + Nitrate (NC)	0.116		0.100	

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

Method: EPA 350.1 Prepared: 05/16/16 09:32

Units: mg/L Analyzed: 05/16/16 09:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	4.59		0.10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G223D** Lab Sample ID: **16E0464-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 10:40

Sample Type: Sample Depth: Total Depth:

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

Method: EPA 365.1 Prepared: 05/18/16 11:17

Units: mg/L Analyzed: 05/18/16 14:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.276		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/16/16 09:15

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

<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 : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 14:17

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	19		2.0	
Bromomethane	ND		2.0	
Chloroethane	4.9		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK)	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	5.6		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 14:17

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:45

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:45

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:45

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 12:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND	J7	1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND	J7	1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/16/16 09:08

Units: mg/L Analyzed: 05/16/16 15:37

<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: 05/13/16 15:00

Units: PH Analyzed: 05/13/16 15:06

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	6.5	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/16/16 13:22

Units: ug/L Analyzed: 05/16/16 13:22

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	15.3	I	10.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219T** Lab Sample ID: **16E0464-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/19/16 10:22

Units: umho/cm Analyzed: 05/19/16 10:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	2001		10.00	

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

Method: SM 2540C Prepared: 05/16/16 15:00

Units: mg/L Analyzed: 05/18/16 08:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	1350		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219D** Lab Sample ID: **16E0464-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/16/16 09:15

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

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	109		1.00	

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 05/19/16 07:47

Units: ug/L Analyzed: 05/20/16 13:41

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

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/19/16 11:35

Units: ug/L Analyzed: 05/23/16 14:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	5.50		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219D** Lab Sample ID: **16E0464-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: mg/L Analyzed: 05/23/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	235		0.30	100000
Magnesium	112		0.30	100000
Potassium	3.63		1.40	100000
Sodium	43.9		0.30	
Hardness	1050		1.98	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	66.2		60.0	40000
Barium	625		5.00	
Beryllium	ND		1.00	
Boron	217		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	28600		50.0	40000
Manganese	1030		15.0	
Nickel	6.06		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219D** Lab Sample ID: **16E0464-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:50

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	2830		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 05/17/16 11:43

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

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO₂) + Nitrate (NC)	0.133		0.100	

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

Method: EPA 350.1 Prepared: 05/16/16 09:35

Units: mg/L Analyzed: 05/16/16 09:35

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G219D** Lab Sample ID: **16E0464-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 11:30

Sample Type: Sample Depth: Total Depth:

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

Method: EPA 365.1 Prepared: 05/18/16 11:17

Units: mg/L Analyzed: 05/18/16 14:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0760		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/16/16 09:15

Units: mg/L Analyzed: 05/17/16 10:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	116		30.0	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 14:51

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 14:51

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 13:12

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 13:12

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 13:12

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/16/16 08:23

Units: ug/L Analyzed: 05/18/16 13:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND	J7	1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND	J7	1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 05/16/16 09:08

Units: mg/L Analyzed: 05/16/16 15:38

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

pH

Method: SM 4500H+B Prepared: 05/13/16 15:00

Units: PH Analyzed: 05/13/16 15:06

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

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 05/16/16 13:22

Units: ug/L Analyzed: 05/16/16 13:22

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220T** Lab Sample ID: **16E0464-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/19/16 10:22

Units: umho/cm Analyzed: 05/19/16 10:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	849.0		10.00	

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

Method: SM 2540C Prepared: 05/16/16 15:00

Units: mg/L Analyzed: 05/18/16 08:25

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids	488		10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220D** Lab Sample ID: **16E0464-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/16/16 09:15

Units: mg/L Analyzed: 05/16/16 17:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	3.19		1.00	

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 05/19/16 07:47

Units: ug/L Analyzed: 05/20/16 13:41

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

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/19/16 11:35

Units: ug/L Analyzed: 05/23/16 14:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	25.9		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220D** Lab Sample ID: **16E0464-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: mg/L Analyzed: 05/23/16 11:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	70.8		0.30	100000
Magnesium	40.3		0.30	100000
Potassium	ND		1.40	100000
Sodium	55.4		0.30	
Hardness	342		1.98	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	90.0		60.0	40000
Barium	196		5.00	
Beryllium	ND		1.00	
Boron	403		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1370		50.0	40000
Manganese	39.6		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220D** Lab Sample ID: **16E0464-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/19/16 11:38

Units: ug/L Analyzed: 05/23/16 11:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	1310		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 05/17/16 11:43

Units: mg/L Analyzed: 05/17/16 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: 05/16/16 09:38

Units: mg/L Analyzed: 05/16/16 09:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	3.26		0.10	

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G220D** Lab Sample ID: **16E0464-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 05/12/16 9:35

Sample Type: Sample Depth: Total Depth:

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

Method: EPA 365.1 Prepared: 05/18/16 11:17

Units: mg/L Analyzed: 05/18/16 14:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phosphorus as P	0.0500		0.0050	

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/16/16 09:15

Units: mg/L Analyzed: 05/16/16 17:55

<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 : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRB1** Lab Sample ID: **16E0464-11**

Matrix: Water Collected By: N/A Date/Time Collected: 05/12/16 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 15:25

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRB1** Lab Sample ID: **16E0464-11**

Matrix: Water Collected By: N/A Date/Time Collected: 05/12/16 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 15:25

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRB2** Lab Sample ID: **16E0464-12**

Matrix: Water Collected By: N/A Date/Time Collected: 05/12/16 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 15:59

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRB2** Lab Sample ID: **16E0464-12**

Matrix: Water Collected By: N/A Date/Time Collected: 05/12/16 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 15:59

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRB3** Lab Sample ID: **16E0464-13**

Matrix: Water Collected By: N/A Date/Time Collected: 05/12/16 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 16:33

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRB3** Lab Sample ID: **16E0464-13**

Matrix: Water Collected By: N/A Date/Time Collected: 05/12/16 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/16/16 10:00

Units: ug/L Analyzed: 05/16/16 16:33

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

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LABORATORY RESULTS

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

Project/Facility Number: 1130200042 Date Received : 05/12/16

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Notes and Definitions

- Q Maximum holding time exceeded.
- J7 Blank spike failed low - possible low bias or false non-detect result.
- I See Case Narrative for more information.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

16E0464-07 Phenol; Lab suspects organic interference is causing false positive phenol levels, due to aromatic characteristics of sample. Also, signal is not typical of phenol peak. Confirmation run 1 1/2 hours later returned a 11.67 ug/L value with the same suspect peak shape.

Method 8260: Tentatively Identified Compounds (TICs) were detected in the volatile analysis of sample 16E0464-07. Please contact the laboratory if additional information about the TICs is needed.

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of the samples 16E0464-03, -05, and -07. Please contact the laboratory if additional information about the TICs is needed.

Report Authorized by:

Tom Weiss
Laboratory Manager

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