

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY LH	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G222T				Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 12:13
			o		
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
1,1,1,2-Tetrachloroethane	e	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethane	e	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (N	AIBK)	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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Name:	ADS-MCLEAN COUNTY LH	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
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Trip ID:					Temperature C:	17.00
Client Sample ID:	G222T				Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 12:13
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
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-Dichloroproper	ie	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	7 #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G222T				Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

Semivolatiles by GC/MS

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 13:18
<u>Analyte</u>	D	esult	Qualifier	<u>Reporting Limit</u>	Regulatory Level
			Quanner		<u>Regulatory Lever</u>
1,2,4,5-Tetrachlorobenze		٧D		1.5	
1,2,4-Trichlorobenzene		٧D		1.5	
1,2-Dichlorobenzene	1	٧D		1.5	
1,2-Dinitrobenzene	1	ND		1.5	
1,3-Dichlorobenzene	1	٧D		1.5	
1,3-Dinitrobenzene	1	٧D		1.5	
1,4-Dichlorobenzene	1	ND		1.5	
1,4-Dinitrobenzene	1	ND		1.5	
1-Chloronaphthalene	1	٧D		1.5	
1-Naphthylamine	1	٧D		1.5	
2,2-Oxybis(1-chloroprop	ane)	٧D		1.5	
2,3,4,6-Tetrachloropheno	נ 1	٧D		1.5	
2,4,5-Trichlorophenol	1	٧D		1.5	
2,4,6-Trichlorophenol	1	٧D		1.5	
2,4-Dichlorophenol	1	٧D		1.5	
2,4-Dimethylphenol	1	٧D		1.5	
2,4-Dinitrophenol	1	٧D		5.0	
2,4-Dinitrotoluene	1	٧D		1.5	
2,6-Dichlorophenol	1	٧D		1.5	
2,6-Dinitrotoluene	1	٧D		1.5	
2-Chloronaphthalene	ſ	٧D		1.5	
2-Chlorophenol	ſ	٧D		1.5	
2-Methylnaphthalene	1	٧D		1.5	
2-Methylphenol	1	ND		1.5	

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Benzo(a)pyrene

Illinois Environmental Protection Agency Laboratory

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LABORATORY RESULTS

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Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G222T			Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By: JT]	Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivolat	iles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 13:18
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<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-methylp	henol	ND		1.5	
4-Bromophenyl pheny	l ether	ND		1.5	
4-Chloro-3-methylphe	nol	ND		1.5	
4-Chloroaniline		ND		1.5	
4-Chlorophenyl pheny	l ether	ND		1.5	
4-Methylphenol		ND		1.5	
4-Nitroaniline		ND		1.5	
4-Nitrobiphenyl		ND		1.5	
4-Nitrophenol		ND		1.5	
5-Nitroacenaphthene		ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene		ND		1.5	
Acenaphthylene		ND		1.5	
Acetophenone		ND		1.5	
Anthracene		ND		1.5	
Azobenzene		ND		1.5	
Benzo(a)anthracene		ND		1.5	

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ND

1.5



Ethyl methanesulfonate

Hexachlorobenzene

Hexachlorobutadiene

Hexachloroethane

Hexachloropropene

Hexachlorocyclopentadiene

Fluoranthene

Fluorene

Illinois Environmental Protection Agency Laboratory

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Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G222T			Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By:	JT	Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth	: Feet	Total Depth:	Feet
		Semi	volatiles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
				-	
Units:	ug/L			Analyzed:	05/23/18 13:18
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Benzo(b)fluoranthene		ND		1.5	
Benzo(ghi)perylene		ND		1.5	
Benzo(k)fluoranthene		ND		1.5	
Bis(2-chloroethoxy)met	hane	ND		1.5	
Bis(2-chloroethyl)ether		ND		1.5	
Bis(2-ethylhexyl)phtha	late	1.7		1.5	
Butyl benzyl phthalate		ND		1.5	
Carbazole		ND		1.5	
Chrysene		ND		1.5	
Dibenzo(a,h)anthracene		ND		1.5	
Dibenzofuran		ND		1.5	
Diethylphthalate		ND		1.5	
Dimethylphthalate		ND		1.5	
Di-n-butylphthalate		ND		1.5	
Di-n-octylphthalate		ND		1.5	
Diphenylamine		ND		1.5	

ND

ND

ND

ND

ND

ND

ND

ND

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1.5

1.5

1.5

1.5

1.5

1.5

1.5

1.5



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Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
	~~~~					1050(00.01
Client Sample ID:	G222T				Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

#### Semivolatiles by GC/MS

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 13:18
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Indeno(1,2,3-cd)pyrene		ND		1.5	
Isodrin		ND		1.5	
Isophorone		ND		1.5	
Isosafrole		ND		1.5	
Mestranol		ND		1.5	
Methyl methanesulfonat	e	ND		1.5	
Naphthalene		ND		1.5	
Nitrobenzene		ND		1.5	
N-Nitrosodi-n-butylamir	ne	ND		1.5	
N-Nitrosodi-n-propylam	ine	ND		1.5	
N-Nitrosopiperidine		ND		1.5	
p-Dimethylaminoazoben	nzene	ND		1.5	
Pentachlorobenzene		ND		1.5	
Pentachloronitrobenzene	2	ND		1.5	
Pentachlorophenol		ND		1.5	
Phenacetin		ND		1.5	
Phenanthrene		ND		1.5	
Phenol		ND		1.5	
Pronamide		ND		1.5	
Pyrene		ND		1.5	
Pyridine		ND		1.5	
Safrole		ND		1.5	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COU	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G222T			Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Cyanide by E	PA Method 335.4		
Method:	335.4			Prepared:	05/17/18 10:37
Units:	mg/L			Analyzed:	05/17/18 16:28
Analyte		Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Cyanide		ND		0.005	
			рН		
Method:	SM 4500H+B		<b>P</b> 11	Prepared:	05/17/18 15:49
Units:	SM 4500н+в РН			Analyzed:	05/18/18 08:09
				-	
<u>Analyte</u> Laboratowy <b>p</b> U		<u>Result</u> 7.5	<u>Qualifier</u>	Reporting Limit 0.1	<b><u>Regulatory Level</u></b>
Laboratory pH		1.5	Q	0.1	
		Phenols by E	PA Method 420.4		
Method:	EPA 420.4			Prepared:	05/30/18 09:27
Units:	ug/L			Analyzed:	05/30/18 13:45
<u>Analyte</u>		Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b><u>Regulatory Level</u></b>
Phenol		ND		10.0	

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Name:	ADS-MCLEAN COUN	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G222T			Lab Sample ID:	18E0608-01
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
	\$	Specific Conductance <b>k</b>	oy Standard Method 2	510B	
Method:	2510B			Prepared:	05/17/18 12:45
Units:	µmho/cm @ 25.0 °C			Analyzed:	05/17/18 12:47
<u>Analyte</u> Specific Conductance		<u>Result</u> 815.00	<u>Qualifier</u>	<u>Reporting Limit</u> 10.00	<b>Regulatory Level</b>
	Total Dissolv	ed Solids, Gravimetric	, Dried at 180oC by S	td. Method 2540C	
Method:	2540C			Prepared:	05/16/18 12:30
Units:	mg/L			Analyzed:	05/16/18 12:30
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
<b>Total Dissolved Solids</b>		462		10	



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Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G222D			Lab Sample ID:	<b>18E0608-02</b>
	Water				
Matrix:	water	Collected By: JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 14:25
	-			-	
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<b>Regulatory Level</b>
Chloride		8.30		1.00	
		Mercury by El	PA Method 7470		
Method:	7470			Prepared:	05/17/18 09:33
Units:	ug/L			Analyzed:	05/22/18 11:41
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Mercury		ND		0.06	
		Metals by EPA 6000	/7000 Series Methods		
Method:	6020			Prepared:	05/17/18 09:42
Units:	ug/L			Analyzed:	05/22/18 09:59
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Antimony		ND		2.00	
Arsenic		59.6		0.50	
Lead		ND		5.00	
Selenium		ND		2.00	
Thallium		ND		2.00	

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Name:	ADS-MCLEAN COUNTY L	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G222D				Lab Sample ID:	18E0608-02
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	mg/L		Analyzed:	05/23/18 10:49
Analyte	Result	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Calcium	70.6		0.30	100000
Hardness	355		1.98	
Magnesium	43.5		0.30	100000
Potassium	1.53		1.40	100000
Sodium	43.5		0.30	

#### Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	ug/L		Analyzed:	05/23/18 10:49
Analyte	Result	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Aluminum	176		60.0	40000
Barium	136		5.00	
Beryllium	ND		1.00	
Boron	518		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2010		50.0	40000
Manganese	ND		15.0	
Nickel	ND		5.00	

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Name:	ADS-MCLEAN COUNTY I	LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G222D			Lab Sample ID:	18E0608-02
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Metals by EPA N	1ethod 6010 - ICP		
Method:	SW-846 6010			Prepared:	05/17/18 09:36
Units:	ug/L			Analyzed:	05/23/18 10:49
Analyte	Resu	ılt	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Silver	NE	)		3.00	
Strontium	187			5.00	
Vanadium	NE			5.00	
Zinc	NE	)		25.0	
	Nitrate-Nitrite, C	Colorimetric, Autom	ated Cadmium by EP	A Method 353.2	
Method:	353.2			Prepared:	05/17/18 09:24
Units:	mg/L			Analyzed:	05/18/18 12:56
<u>Analyte</u>	Resu	<u>ılt</u>	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Nitrogen, Nitrite (NO2)	+ Nitrate (NO: ND	)	J3	0.100	
	Nitrogen, Ammoni	a, Colorimetric, Au	tomated Phenate by E	PA Method 350.1	
Method:	<b>Nitrogen, Ammoni</b> EPA 350.1	a, Colorimetric, Aut	tomated Phenate by E	<b>PA Method 350.1</b> Prepared:	05/30/18 07:36

AnalyteResultQualifierReporting LimitRegulatory LevelAmmonia as N4.490.10

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUNT	Y LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G222D			Lab Sample ID:	18E0608-02
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 11:50
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Sulfate by Ion Ch	romatography 300.0		
Method:	300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 14:25
Analyte	R	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
Sulfate		ND		10.0	

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#### LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY LI	F # <b>2</b>				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G209T				Lab Sample ID:	18E0608-03
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 13:27
			o		
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
1,1,1,2-Tetrachloroethane	e	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethane	e	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (N	AIBK)	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 LH	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G209T				Lab Sample ID:	18E0608-03
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 13:27
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
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-Dichloroproper	ne	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 LH	F #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G209T			Lab Sample ID:	18E0608-03
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

#### Semivolatiles by GC/MS

Method:	8270		Prepared:	05/22/18 13:24
Units:	ug/L		Analyzed:	05/23/18 13:52
Analyte	Result	Qualifier	Reporting L	<u>imit</u> <u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenze	ne ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloroprop	ane) ND		1.5	
2,3,4,6-Tetrachloropheno	ND ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN C	OUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G209T			Lab Sample ID:	18E0608-03
Matrix:	Water	Collected By: J	Г	Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivola	tiles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 13:52
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine		ND		1.5	
2-Nitroaniline		ND		1.5	
2-Nitrophenol		ND		1.5	
2-Picoline		ND		1.5	
3,3-Dichlorobenzidine		ND		1.5	
3-Nitroaniline		ND		1.5	
4,6-Dinitro-2-methylph	nenol	ND		1.5	
4-Bromophenyl phenyl	ether	ND		1.5	
4-Chloro-3-methylpher	nol	ND		1.5	
4-Chloroaniline		ND		1.5	
4-Chlorophenyl phenyl	ether	ND		1.5	
4-Methylphenol		ND		1.5	
4-Nitroaniline		ND		1.5	
4-Nitrobiphenyl		ND		1.5	
4-Nitrophenol		ND		1.5	
5-Nitroacenaphthene		ND		1.5	
7,12-Dimethylbenzo(a)	anthracene	ND		1.5	
Acenaphthene		ND		1.5	
Acenaphthylene		ND		1.5	
Acetophenone		ND		1.5	
Anthracene		ND		1.5	
Azobenzene		ND		1.5	
Benzo(a)anthracene		ND		1.5	
Benzo(a)pyrene		ND		1.5	

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#### LABORATORY RESULTS

Name:	ADS-MCLEAN	COUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G209T			Lab Sample ID:	18E0608-03
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivolat	iles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 13:52
Analyte		<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)m	ethane	ND		1.5	
Bis(2-chloroethyl)ethe	er	ND		1.5	
Bis(2-ethylhexyl)phth	nalate	1.6		1.5	
Butyl benzyl phthalate	e	ND		1.5	
Carbazole		ND		1.5	
Chrysene		ND		1.5	
Dibenzo(a,h)anthracen	ne	ND		1.5	
Dibenzofuran		ND		1.5	
Diethylphthalate		ND		1.5	
Dimethylphthalate		ND		1.5	
Di-n-butylphthalate		ND		1.5	
Di-n-octylphthalate		ND		1.5	
Diphenylamine		ND		1.5	
Ethyl methanesulfona	te	ND		1.5	
Fluoranthene		ND		1.5	
Fluorene		ND		1.5	
Hexachlorobenzene		ND		1.5	
Hexachlorobutadiene		ND		1.5	
Hexachlorocyclopenta	adiene	ND		1.5	
Hexachloroethane		ND		1.5	

Hexachloropropene

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#### LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY LI	F # <b>2</b>			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G209T			Lab Sample ID:	18E0608-03
Matrix:	Water	Collected By:	JT	Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		G		AC C	

#### Semivolatiles by GC/MS

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 13:52
<u>Analyte</u>		Result	Qualifier	<u>Reporting Limit</u>	<u>Regulatory Level</u>
			<u>Quanner</u>		<u>Regulatory Dever</u>
Indeno(1,2,3-cd)pyrene		ND		1.5	
Isodrin		ND		1.5	
Isophorone		ND		1.5	
Isosafrole		ND		1.5	
Mestranol		ND		1.5	
Methyl methanesulfonate	2	ND		1.5	
Naphthalene		ND		1.5	
Nitrobenzene		ND		1.5	
N-Nitrosodi-n-butylamin	e	ND		1.5	
N-Nitrosodi-n-propylami	ne	ND		1.5	
N-Nitrosopiperidine		ND		1.5	
p-Dimethylaminoazoben:	zene	ND		1.5	
Pentachlorobenzene		ND		1.5	
Pentachloronitrobenzene		ND		1.5	
Pentachlorophenol		ND		1.5	
Phenacetin		ND		1.5	
Phenanthrene		ND		1.5	
Phenol		ND		1.5	
Pronamide		ND		1.5	
Pyrene		ND		1.5	
Pyridine		ND		1.5	
Safrole		ND		1.5	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COU	UNTY LF #2						
Project/Facility Number:	1130200042			Date Received :	05/15/18			
Funding Code:	LP43			Visit Number:				
Trip ID:				Temperature C:	17.00			
Client Sample ID:	G209T			Lab Sample ID:	18E0608-03			
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:55			
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet			
Cyanide by EPA Method 335.4								
Method:	335.4			Prepared:	05/17/18 10:37			
Units:	mg/L			Analyzed:	05/17/18 16:29			
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<b><u>Regulatory Level</u></b>			
Cyanide		ND	J3	0.005				
			рН					
Method:	SM 4500H+B			Prepared:	05/17/18 15:49			
Units:	РН			Analyzed:	05/18/18 08:09			
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory</b> Level			
Laboratory pH		7.1	Q	0.1				
Phenols by EPA Method 420.4								
Method:	EPA 420.4			Prepared:	05/30/18 09:27			
Units:	ug/L			Analyzed:	05/30/18 14:21			
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>			
Phenol								

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUN	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G209T			Lab Sample ID:	18E0608-03
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
	S	Specific Conductance I	oy Standard Met	thod 2510B	
Method:	2510B			Prepared:	05/17/18 12:45
Units:	µmho/cm @ 25.0 °C			Analyzed:	05/17/18 12:47
Analyte		Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Specific Conductance		1128.00		10.00	
	Total Dissolv	ed Solids, Gravimetric	, Dried at 180oC	by Std. Method 2540C	
Method:	2540C			Prepared:	05/16/18 12:30
Units:	mg/L			Analyzed:	05/16/18 12:30
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
<b>Total Dissolved Solids</b>		726		10	



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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COU	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.0(
Client Sample ID:	G209D			Lab Sample ID:	<b>18E0608-04</b>
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 14:35
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride		83.9		1.00	
		Mercury by F	PA Method 7470		
			A Method 7470		
Method:	7470			Prepared:	05/17/18 09:33
Units:	ug/L			Analyzed:	05/22/18 11:41
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Mercury		ND		0.06	
		Metals by EPA 6000	)/7000 Series Methods		
Method:	6020			Prepared:	05/17/18 09:42
Units:	ug/L			Analyzed:	05/22/18 10:02
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Antimony		ND		2.00	
Arsenic		1.01		0.50	
Lead		ND		5.00	
Selenium		ND		2.00	
Thallium		ND		2.00	

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### LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY L	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G209D				Lab Sample ID:	18E0608-04
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	mg/L		Analyzed:	05/23/18 10:54
Analyte	Result	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Calcium	134		0.30	100000
Hardness	555		1.98	
Magnesium	53.3		0.30	100000
Potassium	2.12		1.40	100000
Sodium	32.7		0.30	

#### Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	ug/L		Analyzed:	05/23/18 10:54
<u>Analyte</u>	Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Aluminum	ND		60.0	40000
Barium	185		5.00	
Beryllium	ND		1.00	
Boron	82.2		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1310		50.0	40000
Manganese	442		15.0	
Nickel	ND		5.00	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN C	OUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G209D			Lab Sample ID:	18E0608-04
Matrix:	Water	Collected By: JT	ſ	Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Metals by EPA	Method 6010 - IC	CP	
Method:	SW-846 6010			Prepared:	05/17/18 09:36
Units:	ug/L			Analyzed:	05/23/18 10:54
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
Silver		ND		3.00	
Strontium		225		5.00	
Vanadium		ND		5.00	
Zinc		ND		25.0	
	Nitrate-N	litrite, Colorimetric, Auto	omated Cadmium	by EPA Method 353.2	
Method:	353.2			Prepared:	05/17/18 09:24
Units:	mg/L			Analyzed:	05/18/18 12:58
Analyte		<u>Result</u>	Qualifier	<b>Reporting Limit</b>	<b>Regulatory</b> Level
Nitrogen, Nitrite (NO2)	) + Nitrate (NO3	ND		0.100	
	Nitrogen, A	Ammonia, Colorimetric, A	Automated Phenat	te by EPA Method 350.1	
Method:	EPA 350.1			Prepared:	05/30/18 07:36
Units:	mg/L			Analyzed:	05/31/18 08:27

AnalyteResultQualifierReporting LimitRegulatory LevelAmmonia as N0.110.10

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### LABORATORY RESULTS

Name:	ADS-MCLEAN COUNT	<b>FY LF #2</b>			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	C200D			Lab Sample ID:	<b>18E0608-04</b>
Cheffit Bample ID.	G209D			Lao Sampie ID.	10E0000-04
Matrix:	Water	Collected By:	JT	Date/Time Collected:	05/15/18 10:55
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Sulfate by Ion	Chromatography 300.0		
Method:	300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 14:35
Analyte	1	Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<u>Regulatory Level</u>
Sulfate		97.8		10.0	

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#### LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY L	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G114T				Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 13:52
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
1,1,1,2-Tetrachloroethan	e	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethan	e	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (M	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 L	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G114T				Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 13:52
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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-Dichloropropen	ie	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 :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G114T				Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet
		Semivol	atiles	by GC/MS		

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 14:27
		D K	0		
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
1,2,4,5-Tetrachlorobenze	ene	ND		1.5	
1,2,4-Trichlorobenzene		ND		1.5	
1,2-Dichlorobenzene		ND		1.5	
1,2-Dinitrobenzene		ND		1.5	
1,3-Dichlorobenzene		ND		1.5	
1,3-Dinitrobenzene		ND		1.5	
1,4-Dichlorobenzene		ND		1.5	
1,4-Dinitrobenzene		ND		1.5	
1-Chloronaphthalene		ND		1.5	
1-Naphthylamine		ND		1.5	
2,2-Oxybis(1-chloroprop	oane)	ND		1.5	
2,3,4,6-Tetrachloropheno	ol	ND		1.5	
2,4,5-Trichlorophenol		ND		1.5	
2,4,6-Trichlorophenol		ND		1.5	
2,4-Dichlorophenol		ND		1.5	
2,4-Dimethylphenol		ND		1.5	
2,4-Dinitrophenol		ND		5.0	
2,4-Dinitrotoluene		ND		1.5	
2,6-Dichlorophenol		ND		1.5	
2,6-Dinitrotoluene		ND		1.5	
2-Chloronaphthalene		ND		1.5	
2-Chlorophenol		ND		1.5	
2-Methylnaphthalene		ND		1.5	
2-Methylphenol		ND		1.5	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN (	COUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G114T			Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivolat	iles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 14:27
Analyte		Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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-methylph	nenol	ND		1.5	
4-Bromophenyl phenyl	ether	ND		1.5	
4-Chloro-3-methylpher	nol	ND		1.5	
4-Chloroaniline		ND		1.5	
4-Chlorophenyl phenyl	ether	ND		1.5	
4-Methylphenol		ND		1.5	
4-Nitroaniline		ND		1.5	
4-Nitrobiphenyl		ND		1.5	
4-Nitrophenol		ND		1.5	
5-Nitroacenaphthene		ND		1.5	
7,12-Dimethylbenzo(a)	)anthracene	ND		1.5	
Acenaphthene		ND		1.5	
Acenaphthylene		ND		1.5	
Acetophenone		ND		1.5	
Anthracene		ND		1.5	
Azobenzene		ND		1.5	
Benzo(a)anthracene		ND		1.5	
Benzo(a)pyrene		ND		1.5	

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### LABORATORY RESULTS

Name:	ADS-MCLEAN C	COUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G114T			Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By:	JT	Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivola	atiles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 14:27
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b><u>Regulatory Level</u></b>
Benzo(b)fluoranthene		ND		1.5	
Benzo(ghi)perylene		ND		1.5	
Benzo(k)fluoranthene		ND		1.5	
Bis(2-chloroethoxy)me	ethane	ND		1.5	
Bis(2-chloroethyl)ether		ND		1.5	
Bis(2-ethylhexyl)phtha	alate	1.6		1.5	
Butyl benzyl phthalate		ND		1.5	
Carbazole		ND		1.5	
Chrysene		ND		1.5	
Dibenzo(a,h)anthracene	e	ND		1.5	
Dibenzofuran		ND		1.5	
Diethylphthalate		ND		1.5	
Dimethylphthalate		ND		1.5	
Di-n-butylphthalate		ND		1.5	
Di-n-octylphthalate		ND		1.5	
Diphenylamine		ND		1.5	
Ethyl methanesulfonate	2	ND		1.5	
Fluoranthene		ND		1.5	
Fluorene		ND		1.5	
Hexachlorobenzene		ND		1.5	
Hexachlorobutadiene		ND		1.5	
Hexachlorocyclopentac	diene	ND		1.5	
Hexachloroethane		ND		1.5	
Hexachloropropene		ND		1.5	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUNTY LF	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G114T				Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet
		Semivol	atiles	by GC/MS		

#### Method: 8270 Prepared: 05/22/18 13:24 05/23/18 14:27 Units: ug/L Analyzed: Analyte Result Qualifier **Reporting Limit Regulatory Level** Indeno(1,2,3-cd)pyrene ND 1.5 Isodrin ND 1.5 Isophorone ND 1.5 Isosafrole 1.5 ND Mestranol ND 1.5 Methyl methanesulfonate 1.5 ND Naphthalene ND 1.5 Nitrobenzene ND 1.5 N-Nitrosodi-n-butylamine ND 1.5 N-Nitrosodi-n-propylamine 1.5 ND 1.5 N-Nitrosopiperidine ND p-Dimethylaminoazobenzene 1.5 ND Pentachlorobenzene ND 1.5 Pentachloronitrobenzene 1.5 ND Pentachlorophenol ND 1.5 Phenacetin ND 1.5 Phenanthrene ND 1.5 1.5 Phenol ND Pronamide ND 1.5 Pyrene ND 1.5 Pyridine ND 1.5 Safrole ND 1.5

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COU	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G114T			Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Cyanide by E	PA Method 335.4		
Method:	335.4			Prepared:	05/17/18 10:37
Units:	mg/L			Analyzed:	05/17/18 16:38
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Cyanide		ND		0.005	
			п		
			рН		
Method:	SM 4500H+B			Prepared:	05/17/18 15:49
Units:	РН			Analyzed:	05/18/18 08:09
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
Laboratory pH		7.1	Q	0.1	
		Phenols by El	PA Method 420.4		
	EDA 420 4	Thenois by En	A Witthou +20.4		05/20/18 00 27
Method:	EPA 420.4			Prepared:	05/30/18 09:27
Units:	ug/L			Analyzed:	05/30/18 14:24
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Phenol		15.7	Ι	10.0	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUN	TY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G114T			Lab Sample ID:	18E0608-05
Matrix:	Water	Collected By: JT	[	Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
	S	Specific Conductance	by Standard Met	thod 2510B	
Method:	2510B			Prepared:	05/17/18 12:45
Units:	µmho/cm @ 25.0 °C			Analyzed:	05/17/18 12:47
<u>Analyte</u> Specific Conductance		<u>Result</u> 1677.00	<u>Qualifier</u>	<u>Reporting Limit</u> 10.00	<u>Regulatory Level</u>
	Total Dissolve	ed Solids, Gravimetric	c, Dried at 180oC	C by Std. Method 2540C	
Method:	2540C			Prepared:	05/16/18 12:30
Units:	mg/L			Analyzed:	05/16/18 12:30
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
<b>Total Dissolved Solids</b>		996		10	



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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUN	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G114D			Lab Sample ID:	18E0608-06
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 14:45
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Chloride		213		1.00	
		Mercury by El	PA Method 7470		
Method:	7470			Prepared:	05/17/18 09:33
Units:	ug/L			Analyzed:	05/22/18 11:41
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Mercury		ND		0.06	
		Metals by EPA 6000	7000 Series Methods		
Method:	6020			Prepared:	05/17/18 09:42
Units:	ug/L			Analyzed:	05/22/18 10:05
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	Regulatory Level
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 L	JF #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G114D				Lab Sample ID:	18E0608-06
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 10:15
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	mg/L		Analyzed:	05/23/18 10:57
Analyte	Result	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Calcium	165		0.30	100000
Hardness	689		1.98	
Magnesium	67.1		0.30	100000
Potassium	2.62		1.40	100000
Sodium	97.6		0.30	

#### Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	ug/L		Analyzed:	05/23/18 10:57
Analyte	Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Aluminum	ND		60.0	40000
Barium	253		5.00	
Beryllium	ND		1.00	
Boron	268		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	3690		50.0	40000
Manganese	343		15.0	
Nickel	ND		5.00	

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN C	OUNTY LF #2					
Project/Facility Number:	1130200042			Date Received :	05/15/18		
Funding Code:	LP43			Visit Number:			
Trip ID:				Temperature C:	17.00		
Client Sample ID:	G114D			Lab Sample ID:	18E0608-06		
Matrix:	Water	Collected By: J	Г	Date/Time Collected:	05/15/18 10:15		
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet		
Metals by EPA Method 6010 - ICP							
Method:	SW-846 6010			Prepared:	05/17/18 09:36		
Units:	ug/L			Analyzed:	05/23/18 10:57		
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>		
Silver		ND		3.00			
Strontium		284		5.00			
Vanadium		ND		5.00			
Zinc		ND		25.0			
Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2							
Method:	353.2			Prepared:	05/17/18 09:24		
Units:	mg/L			Analyzed:	05/18/18 12:59		
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>		
Nitrogen, Nitrite (NO2	) + Nitrate (NO3	ND		0.100			
	Nitrogen, A	Ammonia, Colorimetric, A	Automated Phenate	e by EPA Method 350.1			
Method:	EPA 350.1			Prepared:	05/30/18 07:36		
Units:	mg/L			Analyzed:	05/31/18 08:27		

AnalyteResultQualifierReporting LimitRegulatory LevelAmmonia as N0.600.10

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#### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUNTY	Y LF #2					
Project/Facility Number:	1130200042			Date Received :	05/15/18		
Funding Code:	LP43			Visit Number:			
Trip ID:				Temperature C:	17.00		
Client Sample ID:	G114D			Lab Sample ID:	<b>18E0608-06</b>		
1	0114D			I	1020000 00		
Matrix:	Water	Collected By: J'	Т	Date/Time Collected:	05/15/18 10:15		
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet		
Sulfate by Ion Chromatography 300.0							
Method:	300.0			Prepared:	05/17/18 08:05		
Units:	mg/L			Analyzed:	05/23/18 14:45		
Analyte	Re	esult	Qualifier	<u>Reporting Limit</u>	<b>Regulatory</b> Level		
Sulfate	1	51		10.0			

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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY LI	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G213T				Lab Sample ID:	18E0608-07
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 14:17
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
1,1,1,2-Tetrachloroethan	e	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethan	e	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (l	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 L	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G213T				Lab Sample ID:	18E0608-07
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 14:17
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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-Dichloropropen	ie	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	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G213T				Lab Sample ID:	18E0608-07
1	02151				T T T	1010000 07
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

#### Semivolatiles by GC/MS

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:01
Analyta		Decult	Qualifier	Donouting Limit	Dogulatowy I aval
<u>Analyte</u>		<u>Result</u>	Quanner	<u>Reporting Limit</u>	<b>Regulatory Level</b>
1,2,4,5-Tetrachlorobenz		ND		1.5	
1,2,4-Trichlorobenzene	;	ND		1.5	
1,2-Dichlorobenzene		ND		1.5	
1,2-Dinitrobenzene		ND		1.5	
1,3-Dichlorobenzene		ND		1.5	
1,3-Dinitrobenzene		ND		1.5	
1,4-Dichlorobenzene		ND		1.5	
1,4-Dinitrobenzene		ND		1.5	
1-Chloronaphthalene		ND		1.5	
1-Naphthylamine		ND		1.5	
2,2-Oxybis(1-chloropro	opane)	ND		1.5	
2,3,4,6-Tetrachloropher	nol	ND		1.5	
2,4,5-Trichlorophenol		ND		1.5	
2,4,6-Trichlorophenol		ND		1.5	
2,4-Dichlorophenol		ND		1.5	
2,4-Dimethylphenol		ND		1.5	
2,4-Dinitrophenol		ND		5.0	
2,4-Dinitrotoluene		ND		1.5	
2,6-Dichlorophenol		ND		1.5	
2,6-Dinitrotoluene		ND		1.5	
2-Chloronaphthalene		ND		1.5	
2-Chlorophenol		ND		1.5	
2-Methylnaphthalene		ND		1.5	
2-Methylphenol		ND		1.5	

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Benzo(a)pyrene

# **Illinois Environmental Protection Agency Laboratory**

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# LABORATORY RESULTS

Name:	ADS-MCLEAN (	COUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G213T			Lab Sample ID:	18E0608-07
Matrix:	Water	Collected By: JT	Γ	Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivolat	tiles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:01
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<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-methylph	nenol	ND		1.5	
4-Bromophenyl phenyl	l ether	ND		1.5	
4-Chloro-3-methylpher	nol	ND		1.5	
4-Chloroaniline		ND		1.5	
4-Chlorophenyl phenyl	l ether	ND		1.5	
4-Methylphenol		ND		1.5	
4-Nitroaniline		ND		1.5	
4-Nitrobiphenyl		ND		1.5	
4-Nitrophenol		ND		1.5	
5-Nitroacenaphthene		ND		1.5	
7,12-Dimethylbenzo(a)	)anthracene	ND		1.5	
Acenaphthene		ND		1.5	
Acenaphthylene		ND		1.5	
Acetophenone		ND		1.5	
Anthracene		ND		1.5	
Azobenzene		ND		1.5	
Benzo(a)anthracene		ND		1.5	

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Fluorene

Hexachlorobenzene

Hexachlorobutadiene

Hexachloroethane

Hexachloropropene

Hexachlorocyclopentadiene

# **Illinois Environmental Protection Agency Laboratory**

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### **LABORATORY RESULTS**

Name:	ADS-MCLEAN	COUNTY LF #2			
Project/Facility Number	: 1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G213T			Lab Sample ID:	18E0608-07
Matrix:	Water	Collected By: J	Γ	Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Corrections have			
		Semivoia	tiles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:01
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b><u>Regulatory Level</u></b>
Benzo(b)fluoranthen	e	ND		1.5	
Benzo(ghi)perylene		ND		1.5	
Benzo(k)fluoranthen	e	ND		1.5	
Bis(2-chloroethoxy)	methane	ND		1.5	
Bis(2-chloroethyl)eth	her	ND		1.5	
Bis(2-ethylhexyl)ph	thalate	1.6		1.5	
Butyl benzyl phthala	ite	ND		1.5	
Carbazole		ND		1.5	
Chrysene		ND		1.5	
Dibenzo(a,h)anthrac	ene	ND		1.5	
Dibenzofuran		ND		1.5	
Diethylphthalate		ND		1.5	
Dimethylphthalate		ND		1.5	
Di-n-butylphthalate		ND		1.5	
Di-n-octylphthalate		ND		1.5	
Diphenylamine		ND		1.5	
Ethyl methanesulfon	ate	ND		1.5	
Fluoranthene		ND		1.5	

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ND

ND

ND

ND

ND

ND

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1.5

1.5

1.5

1.5

1.5

1.5



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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY LF	° #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G213T				Lab Sample ID:	18E0608-07
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

#### Semivolatiles by GC/MS

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:01
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Indeno(1,2,3-cd)pyrene		ND		1.5	
Isodrin		ND		1.5	
Isophorone		ND		1.5	
Isosafrole		ND		1.5	
Mestranol		ND		1.5	
Methyl methanesulfonate		ND		1.5	
Naphthalene		ND		1.5	
Nitrobenzene		ND		1.5	
N-Nitrosodi-n-butylamine	e	ND		1.5	
N-Nitrosodi-n-propylami	ne	ND		1.5	
N-Nitrosopiperidine		ND		1.5	
p-Dimethylaminoazobenz	zene	ND		1.5	
Pentachlorobenzene		ND		1.5	
Pentachloronitrobenzene		ND		1.5	
Pentachlorophenol		ND		1.5	
Phenacetin		ND		1.5	
Phenanthrene		ND		1.5	
Phenol		ND		1.5	
Pronamide		ND		1.5	
Pyrene		ND		1.5	
Pyridine		ND		1.5	
Safrole		ND		1.5	

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## **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUN	TY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G213T			Lab Sample ID:	18E0608-07
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Cyanide by EF	A Method 335.4		
Method:	335.4			Prepared:	05/17/18 10:37
Units:	mg/L			Analyzed:	05/17/18 16:32
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b><u>Regulatory Level</u></b>
Cyanide		ND		0.005	
		I	Н		
Method:	SM 4500H+B	I	ы	Prepared:	05/17/18 15:49
Method: Units:	SM 4500H+B PH	T	рН	Prepared: Analyzed:	05/17/18 15:49 05/18/18 08:09
	РН	I <u>Result</u>	OH <u>Oualifier</u>	-	
Units:	РН			Analyzed:	05/18/18 08:09
Units: <u>Analyte</u>	РН	<u>Result</u> 7.0	<u>Qualifier</u>	Analyzed: Reporting Limit	05/18/18 08:09
Units: <u>Analyte</u>	РН	<u>Result</u> 7.0	<u>Qualifier</u> Q	Analyzed: Reporting Limit	05/18/18 08:09
Units: <u>Analyte</u> Laboratory pH	РН	<u>Result</u> 7.0	<u>Qualifier</u> Q	Analyzed: <u>Reporting Limit</u> 0.1	05/18/18 08:09 <u>Regulatory Level</u>
Units: <u>Analyte</u> Laboratory pH Method:	РН ЕРА 420.4 ug/L	<u>Result</u> 7.0	<u>Qualifier</u> Q	Analyzed: <u>Reporting Limit</u> 0.1 Prepared:	05/18/18 08:09 <u>Regulatory Level</u> 05/30/18 09:27

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# **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUN	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G213T			Lab Sample ID:	18E0608-07
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
	S	Specific Conductance I	by Standard Met	thod 2510B	
Method:	2510B			Prepared:	05/17/18 12:45
Units:	µmho/cm @ 25.0 °C			Analyzed:	05/17/18 12:47
Analyte		Result	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
Specific Conductance		1512.00		10.00	
	Total Dissolv	ed Solids, Gravimetric	, Dried at 180oC	by Std. Method 2540C	
Method:	2540C			Prepared:	05/16/18 12:30
Units:	mg/L			Analyzed:	05/16/18 12:30
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
<b>Total Dissolved Solids</b>		926		10	



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### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUN	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.0(
Client Sample ID:	G213D			Lab Sample ID:	18E0608-08
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 14:54
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	Regulatory Level
Chloride		167		1.00	
		Mercury by El	PA Method 7470		
Method:	7470			Prepared:	05/17/18 09:33
Units:	ug/L			Analyzed:	05/22/18 11:41
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Mercury		ND		0.06	
		Metals by EPA 6000	/7000 Series Methods		
Method:	6020			Prepared:	05/17/18 09:42
Units:	ug/L			Analyzed:	05/22/18 10:08
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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 COUNT	Y LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G213D			Lab Sample ID:	18E0608-08
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	mg/L		Analyzed:	05/23/18 11:00
Analyte	Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Calcium	153		0.30	100000
Hardness	624		1.98	
Magnesium	58.9		0.30	100000
Potassium	2.63		1.40	100000
Sodium	87.7		0.30	

#### Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	ug/L		Analyzed:	05/23/18 11:00
<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Aluminum	ND		60.0	40000
Barium	301		5.00	
Beryllium	ND		1.00	
Boron	171		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2860		50.0	40000
Manganese	236		15.0	
Nickel	ND		5.00	

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Analyte

Ammonia as N

# **Illinois Environmental Protection Agency Laboratory**

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### **LABORATORY RESULTS**

Name:	ADS-MCLEAN CO	OUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G213D			Lab Sample ID:	18E0608-08
Matrix:	Water	Collected By: J	Г	Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Metals by EPA	A Method 6010 - IC	CP	
Method:	SW-846 6010			Prepared:	05/17/18 09:36
Units:	ug/L			Analyzed:	05/23/18 11:00
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
Silver		ND		3.00	
Strontium		258		5.00	
Vanadium		ND		5.00	
Zinc		ND		25.0	
	Nitrate-N	litrite, Colorimetric, Aut	omated Cadmium	by EPA Method 353.2	
Method:	353.2			Prepared:	05/17/18 09:24
Units:	mg/L			Analyzed:	05/18/18 13:00
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<b>Regulatory Level</b>
Nitrogen, Nitrite (NO2)	) + Nitrate (NO3	ND		0.100	
	Nitrogen, A	Ammonia, Colorimetric, A	Automated Phenat	e by EPA Method 350.1	
Method:	EPA 350.1			Prepared:	05/30/18 07:36
Units:	mg/L			Analyzed:	05/31/18 08:27

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Qualifier

<u>Result</u>

0.43

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**Regulatory Level** 

**Reporting Limit** 

0.10



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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUNT	Y LF #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G213D				Lab Sample ID:	18E0608-08
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet
		Sulfate by Ion	Chron	natography 300.0		
Method:	300.0				Prepared:	05/17/18 08:05
Units:	mg/L				Analyzed:	05/23/18 14:54
Analyte	R	<u>lesult</u>	<u>(</u>	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Sulfate		150			10.0	

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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY LI	F # <b>2</b>				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G250T				Lab Sample ID:	18E0608-09
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 14:42
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
1,1,1,2-Tetrachloroethan	ie	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethan	ie	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (I	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 LI	F #2				
Project/Facility Number:	1130200042				Date Received :	05/15/18
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	17.00
Client Sample ID:	G250T				Lab Sample ID:	18E0608-09
Matrix:	Water	Collected By:	JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:		Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 14:42
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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-Dichloropropen	ie	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 :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250T			Lab Sample ID:	18E0608-09
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

#### Semivolatiles by GC/MS

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:37
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
1,2,4,5-Tetrachlorobenze	ene	ND		1.5	
1,2,4-Trichlorobenzene		ND		1.5	
1,2-Dichlorobenzene		ND		1.5	
1,2-Dinitrobenzene		ND		1.5	
1,3-Dichlorobenzene		ND		1.5	
1,3-Dinitrobenzene		ND		1.5	
1,4-Dichlorobenzene		ND		1.5	
1,4-Dinitrobenzene		ND		1.5	
1-Chloronaphthalene		ND		1.5	
1-Naphthylamine		ND		1.5	
2,2-Oxybis(1-chloroprop	oane)	ND		1.5	
2,3,4,6-Tetrachlorophene	ol	ND		1.5	
2,4,5-Trichlorophenol		ND		1.5	
2,4,6-Trichlorophenol		ND		1.5	
2,4-Dichlorophenol		ND		1.5	
2,4-Dimethylphenol		ND		1.5	
2,4-Dinitrophenol		ND		5.0	
2,4-Dinitrotoluene		ND		1.5	
2,6-Dichlorophenol		ND		1.5	
2,6-Dinitrotoluene		ND		1.5	
2-Chloronaphthalene		ND		1.5	
2-Chlorophenol		ND		1.5	
2-Methylnaphthalene		ND		1.5	
2-Methylphenol		ND		1.5	

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# LABORATORY RESULTS

Name:	ADS-MCLEAN C	OUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250T			Lab Sample ID:	18E0608-09
Matrix:	Water	Collected By: J	Г	Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivola	tiles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:37
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine		ND		1.5	
2-Nitroaniline		ND		1.5	
2-Nitrophenol		ND		1.5	
2-Picoline		ND		1.5	
3,3-Dichlorobenzidine		ND		1.5	
3-Nitroaniline		ND		1.5	
4,6-Dinitro-2-methylph	nenol	ND		1.5	
4-Bromophenyl phenyl	ether	ND		1.5	
4-Chloro-3-methylpher	nol	ND		1.5	
4-Chloroaniline		ND		1.5	
4-Chlorophenyl phenyl	ether	ND		1.5	
4-Methylphenol		ND		1.5	
4-Nitroaniline		ND		1.5	
4-Nitrobiphenyl		ND		1.5	
4-Nitrophenol		ND		1.5	
5-Nitroacenaphthene		ND		1.5	
7,12-Dimethylbenzo(a)	anthracene	ND		1.5	
Acenaphthene		ND		1.5	
Acenaphthylene		ND		1.5	
Acetophenone		ND		1.5	
Anthracene		ND		1.5	
Azobenzene		ND		1.5	
Benzo(a)anthracene		ND		1.5	
Benzo(a)pyrene		ND		1.5	

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# LABORATORY RESULTS

Name:	ADS-MCLEAN	COUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250T			Lab Sample ID:	18E0608-09
Matrix:	Water	Collected By: JT	Γ	Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Semivola	tiles by GC/MS		
Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:37
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Benzo(b)fluoranthene		ND		1.5	
Benzo(ghi)perylene		ND		1.5	
Benzo(k)fluoranthene		ND		1.5	
Bis(2-chloroethoxy)me	ethane	ND		1.5	
Bis(2-chloroethyl)ethe		ND		1.5	
Bis(2-ethylhexyl)phth		1.6		1.5	
Butyl benzyl phthalate		ND		1.5	
Carbazole		ND		1.5	
Chrysene		ND		1.5	
Dibenzo(a,h)anthracen	ie	ND		1.5	
Dibenzofuran		ND		1.5	
Diethylphthalate		ND		1.5	
Dimethylphthalate		ND		1.5	
Di-n-butylphthalate		ND		1.5	
Di-n-octylphthalate		ND		1.5	
Diphenylamine		ND		1.5	
Ethyl methanesulfonat	e	ND		1.5	
Fluoranthene		ND		1.5	
Fluorene		ND		1.5	
Hexachlorobenzene		ND		1.5	
Hexachlorobutadiene		ND		1.5	

ND

Hexachlorocyclopentadiene

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1.5

1.5

1.5

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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY L	F #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250T			Lab Sample ID:	18E0608-09
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

#### Semivolatiles by GC/MS

Method:	8270			Prepared:	05/22/18 13:24
Units:	ug/L			Analyzed:	05/23/18 15:37
			o 11 <b>0</b>		
<u>Analyte</u>		<u>Result</u>	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Indeno(1,2,3-cd)pyrene		ND		1.5	
Isodrin		ND		1.5	
Isophorone		ND		1.5	
Isosafrole		ND		1.5	
Mestranol		ND		1.5	
Methyl methanesulfonat	e	ND		1.5	
Naphthalene		ND		1.5	
Nitrobenzene		ND		1.5	
N-Nitrosodi-n-butylamir	ne	ND		1.5	
N-Nitrosodi-n-propylam	ine	ND		1.5	
N-Nitrosopiperidine		ND		1.5	
p-Dimethylaminoazoben	nzene	ND		1.5	
Pentachlorobenzene		ND		1.5	
Pentachloronitrobenzene	e	ND		1.5	
Pentachlorophenol		ND		1.5	
Phenacetin		ND		1.5	
Phenanthrene		ND		1.5	
Phenol		ND		1.5	
Pronamide		ND		1.5	
Pyrene		ND		1.5	
Pyridine		ND		1.5	
Safrole		ND		1.5	

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## **LABORATORY RESULTS**

Name:	ADS-MCLEAN COU	NTY LF #2					
Project/Facility Number:	1130200042			Date Received :	05/15/18		
Funding Code:	LP43			Visit Number:			
Trip ID:				Temperature C:	17.00		
Client Sample ID:	G250T			Lab Sample ID:	18E0608-09		
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35		
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet		
		Cyanide by El	PA Method 335.4				
Method:	335.4			Prepared:	05/17/18 10:37		
Units:	mg/L			Analyzed:	05/17/18 16:32		
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>		
Cyanide		ND		0.005			
			pH				
Method:	SM 4500H+B			Prepared:	05/17/18 15:49		
Units:	PH			Analyzed:	05/18/18 08:09		
				-			
<u>Analyte</u> Laboratory pH		<u>Result</u> 7.0	<u>Qualifier</u> Q	Reporting Limit	<u>Regulatory Level</u>		
Laboratory pri		7.0	Q	0.1			
Phenols by EPA Method 420.4							
Method:	EPA 420.4			Prepared:	05/30/18 09:27		
Units:	ug/L			Analyzed:	05/30/18 14:36		
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>		

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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUN	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.0(
Client Sample ID:	G250T			Lab Sample ID:	18E0608-09
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
	S	Specific Conductance I	by Standard Method	2510B	
Method:	2510B			Prepared:	05/17/18 12:45
Units:	µmho/cm @ 25.0 °C			Analyzed:	05/17/18 12:47
<u>Analyte</u> Specific Conductance		<u>Result</u> 1513.00	<u>Qualifier</u>	<u>Reporting Limit</u> 10.00	<b>Regulatory Level</b>
	Total Dissolv	ed Solids, Gravimetric	e, Dried at 180oC by S	otd. Method 2540C	
Method:	2540C			Prepared:	05/16/18 12:30
Units:	mg/L			Analyzed:	05/16/18 12:30
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
<b>Total Dissolved Solids</b>		926		10	



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### **LABORATORY RESULTS**

Name:	ADS-MCLEAN COUN	NTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250D			Lab Sample ID:	18E0608-10
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 15:04
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Chloride		166		1.00	
		Mercury by El	PA Method 7470		
Method:	7470			Prepared:	05/17/18 09:33
Units:	ug/L			Analyzed:	05/22/18 11:41
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b><u>Regulatory Level</u></b>
Mercury		ND		0.06	
		Metals by EPA 6000	/7000 Series Methods		
Method:	6020			Prepared:	05/17/18 09:42
Units:	ug/L			Analyzed:	05/22/18 10:12
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b><u>Regulatory Level</u></b>
Antimony		ND		2.00	
Arsenic		ND		0.50	
Lead		ND		5.00	
Selenium Thallium		ND ND		2.00 2.00	
1 1141114111				2.00	

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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUN	TY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250D			Lab Sample ID:	18E0608-10
Matrix:	Water	Collected By: JT		Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	mg/L		Analyzed:	05/23/18 11:03
Analyte	Result	Qualifier	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Calcium	152		0.30	100000
Hardness	623		1.98	
Magnesium	59.4		0.30	100000
Potassium	2.60		1.40	100000
Sodium	86.4		0.30	

#### Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	05/17/18 09:36
Units:	ug/L		Analyzed:	05/23/18 11:03
Analyte	Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Aluminum	99.4		60.0	40000
Barium	307		5.00	
Beryllium	ND		1.00	
Boron	177		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2870		50.0	40000
Manganese	240		15.0	
Nickel	ND		5.00	

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## **LABORATORY RESULTS**

Name:	ADS-MCLEAN CO	DUNTY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250D			Lab Sample ID:	18E0608-10
Matrix:	Water	Collected By: J	Г	Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Metals by EPA	Method 6010 - IC	CP	
Method:	SW-846 6010			Prepared:	05/17/18 09:36
Units:	ug/L			Analyzed:	05/23/18 11:03
Analyte		Result	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Silver		ND		3.00	
Strontium		257		5.00	
Vanadium		ND		5.00	
Zinc		ND		25.0	
	Nitrate-N	itrite, Colorimetric, Auto	omated Cadmium	by EPA Method 353.2	
Method:	353.2			Prepared:	05/17/18 09:24
Units:	mg/L			Analyzed:	05/18/18 13:01
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Nitrogen, Nitrite (NO2	) + Nitrate (NO3	ND		0.100	
	Nitrogen, A	mmonia, Colorimetric, A	Automated Phenate	e by EPA Method 350.1	
Method:	EPA 350.1			Prepared:	05/30/18 07:36
Units:	mg/L			Analyzed:	05/31/18 08:27

Units:	mg/L			Analyzed:	05/31/18 08:27
<u>Analyte</u>	]	Result	<u>Qualifier</u>	Reporting Limit	<b>Regulatory</b> Level
Ammonia as N		0.43		0.10	

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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUNT	ΓY LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	G250D			Lab Sample ID:	18E0608-10
Matrix:	Water	Collected By:	JT	Date/Time Collected:	05/15/18 9:35
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet
		Sulfate by Ion	Chromatography 300.0		
Method:	300.0			Prepared:	05/17/18 08:05
Units:	mg/L			Analyzed:	05/23/18 15:04
Analyte	]	Result	Qualifier_	<b>Reporting Limit</b>	<b>Regulatory Level</b>
Sulfate		149		10.0	

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# LABORATORY RESULTS

Name:	ADS-MCLEAN COUNTY I	LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	VOC TRIP BLANK 1			Lab Sample ID:	18E0608-11
Matrix:	Water	Collected By:		Date/Time Collected:	05/14/18 0:00
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 15:07
<u>Analyte</u>		Result	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
1,1,1,2-Tetrachloroethan	e	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethan	e	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (N	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 :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	VOC TRIP BLANK 1			Lab Sample ID:	18E0608-11
Matrix:	Water	Collected By:		Date/Time Collected:	05/14/18 0:00
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 15:07
		<b>n</b> 1	o 11 <b>7</b>		
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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-Dichloroproper	ne	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 :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	VOC TRIP BLANK 2			Lab Sample ID:	18E0608-12
Matrix:	Water	Collected By:		Date/Time Collected:	05/14/18 0:00
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 15:32
Analyte		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
1,1,1,2-Tetrachloroethane	e	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethane	e	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (N	AIBK)	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 :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	VOC TRIP BLANK 2			Lab Sample ID:	18E0608-12
Matrix:	Water	Collected By:		Date/Time Collected:	05/14/18 0:00
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 15:32
		<b>n</b> 1	o 11 <b>7</b>		
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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-Dichloroproper	ie	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 I	LF #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	VOC TRIP BLANK 3			Lab Sample ID:	18E0608-13
Matrix:	Water	Collected By:		Date/Time Collected:	05/14/18 0:00
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 15:57
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<b>Regulatory Level</b>
1,1,1,2-Tetrachloroethane	e	ND		2.0	
1,1,1-Trichloroethane		ND		2.0	
1,1,2,2-Tetrachloroethand	e	ND		2.0	
1,1,2-Trichloroethane		ND		2.0	
1,1-Dichloroethane		ND		2.0	
1,1-Dichloroethene		ND		2.0	
1,1-Dichloropropene		ND	J5	2.0	
1,2,3-Trichloropropane		ND		2.0	
1,2-Dibromoethane		ND		2.0	
1,2-Dichloroethane		ND		2.0	
1,2-Dichloropropane		ND		2.0	
1,3-Dichloropropane		ND		2.0	
2,2-Dichloropropane		ND		2.0	
2-Butanone (MEK)		ND		10	
2-Hexanone (MBK)		ND		2.0	
4-Methyl-2-pentanone (N	AIBK)	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 L	F #2			
Project/Facility Number:	1130200042			Date Received :	05/15/18
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	17.00
Client Sample ID:	VOC TRIP BLANK 3			Lab Sample ID:	18E0608-13
Matrix:	Water	Collected By:		Date/Time Collected:	05/14/18 0:00
Sample Type:		Sample Depth:	Feet	Total Depth:	Feet

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

Method:	8260			Prepared:	05/23/18 09:00
Units:	ug/L			Analyzed:	05/23/18 15:57
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<b>Reporting Limit</b>	<b>Regulatory Level</b>
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-Dichloropropen	e	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 :	05/15/18
Funding Code:	LP43	Visit Number:	
Trip ID:		Temperature C:	17.00

#### **Notes and Definitions**

Q Maximum holding time exceeded.

- J5 Blank spike failed high, result was less than the reporting limit impact on data may be minimal.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- I See Case Narrative for more information.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of the sample 18E0608-05. Please contact the laboratory if additional information about the TICs is needed.

Method phenol 420.4: sample 18E0608-05 was analyzed for total recoverable phenolics a second time, due to suspected volatile organic compound interference. The initial result was 15.7 ug/L while the second result was 7.77 ug/L. The larger value was reported.

Method phenol 420.4: sample 18E0608-07 was analyzed for total recoverable phenolics a second time, due to suspected volatile organic compound interference. The initial result was 16.9 ug/L while the second result was 12.0 ug/L. The larger value was reported.

Method phenol 420.4: sample 18E0608-09 was analyzed for total recoverable phenolics a second time, due to suspected volatile organic compound interference. The initial result was 23.9 ug/L while the second result was 16.4 ug/L. The larger value was reported.

Report Authorized by:

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

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