Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 16:48

Analyte	Result	Qualifier	Reporting Limit
1,1,1,2-Tetrachloroethane	< 2.0	Y	2.0
1,1,1-Trichloroethane	< 2.0	Y	2.0
1,1,2,2-Tetrachloroethane	< 2.0	Y	2.0
1,1,2-Trichloroethane	< 2.0	Y	2.0
1,1-Dichloroethane	< 2.0	Y	2.0
1,1-Dichloroethene	< 2.0	Y	2.0
1,1-Dichloropropene	< 2.0	Y	2.0
1,2,3-Trichloropropane	< 2.0	Y	2.0
1,2-Dibromoethane	< 2.0	Y	2.0
1,2-Dichloroethane	< 2.0	Y	2.0
1,2-Dichloropropane	< 2.0	Y	2.0
1,3-Dichloropropane	< 2.0	Y	2.0
2,2-Dichloropropane	< 2.0	Y	2.0
2-Butanone (MEK)	< 10	Y	10
2-Hexanone (MBK)	< 5.0	Y	5.0
4-Methyl-2-pentanone (MIBK)	< 10	Y	10
Acetone	< 10	Y	10
Benzene	< 2.0	Y	2.0
Bromobenzene	< 2.0	Y	2.0
Bromochloromethane	< 2.0	Y	2.0
Bromodichloromethane	< 2.0	Y	2.0
Bromoform	< 5.0	Y	5.0
Bromomethane	< 5.0	Y	5.0

Reported:
07/14/21 13:40

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 16:48

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

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 16:51

Analyte	Result	Qualifier	Reporting Limit
1,2,4,5-Tetrachlorobenzene	< 1.5	Y	1.5
1,2,4-Trichlorobenzene	< 1.5	Y	1.5
1,2-Dichlorobenzene	< 1.5	Y	1.5
1,2-Dinitrobenzene	< 1.5	Y	1.5
1,3-Dichlorobenzene	< 1.5	Y	1.5
1,3-Dinitrobenzene	< 5.0	Y	5.0
1,4-Dichlorobenzene	< 1.5	Y	1.5
1,4-Dinitrobenzene	< 5.0	Y	5.0
1-Chloronaphthalene	< 1.5	Y	1.5
1-Naphthylamine	< 5.0	Y	5.0
2,2-Oxybis(1-chloropropane)	< 1.5	Y	1.5
2,3,4,6-Tetrachlorophenol	< 1.5	Y	1.5
2,4,5-Trichlorophenol	< 1.5	Y	1.5
2,4,6-Trichlorophenol	< 1.5	Y	1.5
2,4-Dichlorophenol	< 1.5	Y	1.5
2,4-Dimethylphenol	< 1.5	Y	1.5
2,4-Dinitrophenol	< 5.0	Y	5.0
2,4-Dinitrotoluene	< 5.0	Y	5.0
2,6-Dichlorophenol	< 1.5	Y	1.5
2,6-Dinitrotoluene	< 1.5	Y	1.5
2-Chloronaphthalene	< 1.5	Y	1.5
2-Chlorophenol	< 1.5	Y	1.5
2-Methylnaphthalene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 16:51

Analyte	Result	Qualifier	Reporting Limit
2-Methylphenol	< 1.5	Y	1.5
2-Naphthylamine	< 5.0	Y	5.0
2-Nitroaniline	< 1.5	Y	1.5
2-Nitrophenol	< 5.0	Y	5.0
2-Picoline	< 1.5	Y	1.5
3,3-Dichlorobenzidine	< 1.5	Y	1.5
3-Nitroaniline	< 1.5	Y	1.5
4,6-Dinitro-2-methylphenol	< 5.0	Y	5.0
4-Bromophenyl phenyl ether	< 1.5	Y	1.5
4-Chloro-3-methylphenol	< 1.5	Y	1.5
4-Chloroaniline	< 1.5	Y	1.5
4-Chlorophenyl phenyl ether	< 1.5	Y	1.5
4-Methylphenol	< 1.5	Y	1.5
4-Nitroaniline	< 1.5	Y	1.5
4-Nitrobiphenyl	< 5.0	Y	5.0
4-Nitrophenol	< 5.0	Y	5.0
5-Nitroacenaphthene	< 5.0	Y	5.0
7,12-Dimethylbenzo(a)anthracene	< 5.0	Y	5.0
Acenaphthene	< 1.5	Y	1.5
Acenaphthylene	< 1.5	Y	1.5
Acetophenone	< 1.5	Y	1.5
Anthracene	< 1.5	Y	1.5
Azobenzene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 16:51

Analyte	Result	Qualifier	Reporting Limit
Benzo(a)anthracene	< 1.5	Y	1.5
Benzo(a)pyrene	< 1.5	Y	1.5
Benzo(b)fluoranthene	< 1.5	Y	1.5
Benzo(ghi)perylene	< 5.0	Y	5.0
Benzo(k)fluoranthene	< 1.5	Y	1.5
Bis(2-chloroethoxy)methane	< 1.5	Y	1.5
Bis(2-chloroethyl)ether	< 1.5	Y	1.5
Bis(2-ethylhexyl)phthalate	< 5.0	Y	5.0
Butyl benzyl phthalate	< 5.0	Y	5.0
Carbazole	< 1.5	Y	1.5
Chrysene	< 1.5	Y	1.5
Dibenzo(a,h)anthracene	< 5.0	Y	5.0
Dibenzofuran	< 1.5	Y	1.5
Diethylphthalate	< 1.5	Y	1.5
Dimethylphthalate	< 1.5	Y	1.5
Di-n-butylphthalate	< 1.5	Y	1.5
Di-n-octylphthalate	< 5.0	Y	5.0
Diphenylamine	< 1.5	Y	1.5
Ethyl methanesulfonate	< 1.5	Y	1.5
Fluoranthene	< 1.5	Y	1.5
Fluorene	< 1.5	Y	1.5
Hexachlorobenzene	< 1.5	Y	1.5
Hexachlorobutadiene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 16:51

Analyte	Result	Qualifier	Reporting Limit
Hexachlorocyclopentadiene	< 1.5	Y	1.5
Hexachloroethane	< 1.5	Y	1.5
Hexachloropropene	< 1.5	Y	1.5
Indeno(1,2,3-cd)pyrene	< 5.0	Y	5.0
Isodrin	< 1.5	Y	1.5
Isophorone	< 1.5	Y	1.5
Isosafrole	< 1.5	Y	1.5
Mestranol	< 5.0	Y	5.0
Methyl methanesulfonate	< 1.5	Y	1.5
Naphthalene	< 1.5	Y	1.5
Nitrobenzene	< 1.5	Y	1.5
N-Nitrosodi-n-butylamine	< 1.5	Y	1.5
N-Nitrosodi-n-propylamine	< 1.5	Y	1.5
N-Nitrosopiperidine	< 1.5	Y	1.5
p-Dimethylaminoazobenzene	< 1.5	Y	1.5
Pentachlorobenzene	< 1.5	Y	1.5
Pentachloronitrobenzene	< 1.5	Y	1.5
Pentachlorophenol	< 5.0	Y	5.0
Phenacetin	< 1.5	Y	1.5
Phenanthrene	< 1.5	Y	1.5
Phenol	< 1.5	Y	1.5
Pronamide	< 1.5	Y	1.5
Pyrene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 16:51

Analyte	Result	Qualifier	Reporting Limit
Pyridine	< 1.5	Y	1.5
Safrole	< 1.5	Y	1.5

Mercury by EPA Method 245.1

Method:	245.1	Prepared:	06/29/21 16:08
Units:	ug/L	Analyzed:	07/01/21 10:24

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:38

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**514**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**49.7**		10.0
Beryllium	< 1.00		1.00
Boron	**39.6**	B1	25.0
Cadmium	< 3.00		3.00

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

Reported:
07/14/21 13:40

Illinois Environmental Protection Agency Laboratory
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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-22**			Lab Sample ID:	**21F1057-01**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 18:15

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:38

Analyte	Result	Qualifier	Reporting Limit
Calcium	**105000**		300
Chromium	**6.32**		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**478000**		1980
Iron	**1140**		150
Lead	< 5.00		5.00
Magnesium	**52100**		300
Manganese	**44.1**		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0	B1	25.0
Silver	< 3.00		3.00
Sodium	**13000**		300
Strontium	**57.9**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 17:09

Analyte	Result	Qualifier	Reporting Limit
1,1,1,2-Tetrachloroethane	< 2.0	Y	2.0
1,1,1-Trichloroethane	< 2.0	Y	2.0
1,1,2,2-Tetrachloroethane	< 2.0	Y	2.0
1,1,2-Trichloroethane	< 2.0	Y	2.0
1,1-Dichloroethane	< 2.0	Y	2.0
1,1-Dichloroethene	< 2.0	Y	2.0
1,1-Dichloropropene	< 2.0	Y	2.0
1,2,3-Trichloropropane	< 2.0	Y	2.0
1,2-Dibromoethane	< 2.0	Y	2.0
1,2-Dichloroethane	< 2.0	Y	2.0
1,2-Dichloropropane	< 2.0	Y	2.0
1,3-Dichloropropane	< 2.0	Y	2.0
2,2-Dichloropropane	< 2.0	Y	2.0
2-Butanone (MEK)	< 10	Y	10
2-Hexanone (MBK)	< 5.0	Y	5.0
4-Methyl-2-pentanone (MIBK)	< 10	Y	10
Acetone	< 10	Y	10
Benzene	< 2.0	Y	2.0
Bromobenzene	< 2.0	Y	2.0
Bromochloromethane	< 2.0	Y	2.0
Bromodichloromethane	< 2.0	Y	2.0
Bromoform	< 5.0	Y	5.0
Bromomethane	< 5.0	Y	5.0

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 17:09

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

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 17:25

Analyte	Result	Qualifier	Reporting Limit
1,2,4,5-Tetrachlorobenzene	< 1.5	Y	1.5
1,2,4-Trichlorobenzene	< 1.5	Y	1.5
1,2-Dichlorobenzene	< 1.5	Y	1.5
1,2-Dinitrobenzene	< 1.5	Y	1.5
1,3-Dichlorobenzene	< 1.5	Y	1.5
1,3-Dinitrobenzene	< 5.0	Y	5.0
1,4-Dichlorobenzene	< 1.5	Y	1.5
1,4-Dinitrobenzene	< 5.0	Y	5.0
1-Chloronaphthalene	< 1.5	Y	1.5
1-Naphthylamine	< 5.0	Y	5.0
2,2-Oxybis(1-chloropropane)	< 1.5	Y	1.5
2,3,4,6-Tetrachlorophenol	< 1.5	Y	1.5
2,4,5-Trichlorophenol	< 1.5	Y	1.5
2,4,6-Trichlorophenol	< 1.5	Y	1.5
2,4-Dichlorophenol	< 1.5	Y	1.5
2,4-Dimethylphenol	< 1.5	Y	1.5
2,4-Dinitrophenol	< 5.0	Y	5.0
2,4-Dinitrotoluene	< 5.0	Y	5.0
2,6-Dichlorophenol	< 1.5	Y	1.5
2,6-Dinitrotoluene	< 1.5	Y	1.5
2-Chloronaphthalene	< 1.5	Y	1.5
2-Chlorophenol	< 1.5	Y	1.5
2-Methylnaphthalene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 17:25

Analyte	Result	Qualifier	Reporting Limit
2-Methylphenol	< 1.5	Y	1.5
2-Naphthylamine	< 5.0	Y	5.0
2-Nitroaniline	< 1.5	Y	1.5
2-Nitrophenol	< 5.0	Y	5.0
2-Picoline	< 1.5	Y	1.5
3,3-Dichlorobenzidine	< 1.5	Y	1.5
3-Nitroaniline	< 1.5	Y	1.5
4,6-Dinitro-2-methylphenol	< 5.0	Y	5.0
4-Bromophenyl phenyl ether	< 1.5	Y	1.5
4-Chloro-3-methylphenol	< 1.5	Y	1.5
4-Chloroaniline	< 1.5	Y	1.5
4-Chlorophenyl phenyl ether	< 1.5	Y	1.5
4-Methylphenol	< 1.5	Y	1.5
4-Nitroaniline	< 1.5	Y	1.5
4-Nitrobiphenyl	< 5.0	Y	5.0
4-Nitrophenol	< 5.0	Y	5.0
5-Nitroacenaphthene	< 5.0	Y	5.0
7,12-Dimethylbenzo(a)anthracene	< 5.0	Y	5.0
Acenaphthene	< 1.5	Y	1.5
Acenaphthylene	< 1.5	Y	1.5
Acetophenone	< 1.5	Y	1.5
Anthracene	< 1.5	Y	1.5
Azobenzene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 17:25

Analyte	Result	Qualifier	Reporting Limit
Benzo(a)anthracene	< 1.5	Y	1.5
Benzo(a)pyrene	< 1.5	Y	1.5
Benzo(b)fluoranthene	< 1.5	Y	1.5
Benzo(ghi)perylene	< 5.0		5.0
Benzo(k)fluoranthene	< 1.5	Y	1.5
Bis(2-chloroethoxy)methane	< 1.5	Y	1.5
Bis(2-chloroethyl)ether	< 1.5	Y	1.5
Bis(2-ethylhexyl)phthalate	< 5.0	Y	5.0
Butyl benzyl phthalate	< 5.0	Y	5.0
Carbazole	< 1.5	Y	1.5
Chrysene	< 1.5	Y	1.5
Dibenzo(a,h)anthracene	< 5.0	Y	5.0
Dibenzofuran	< 1.5	Y	1.5
Diethylphthalate	< 1.5	Y	1.5
Dimethylphthalate	< 1.5	Y	1.5
Di-n-butylphthalate	< 1.5	Y	1.5
Di-n-octylphthalate	< 5.0	Y	5.0
Diphenylamine	< 1.5	Y	1.5
Ethyl methanesulfonate	< 1.5	Y	1.5
Fluoranthene	< 1.5	Y	1.5
Fluorene	< 1.5	Y	1.5
Hexachlorobenzene	< 1.5	Y	1.5
Hexachlorobutadiene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 17:25

Analyte	Result	Qualifier	Reporting Limit
Hexachlorocyclopentadiene	< 1.5	Y	1.5
Hexachloroethane	< 1.5	Y	1.5
Hexachloropropene	< 1.5	Y	1.5
Indeno(1,2,3-cd)pyrene	< 5.0	Y	5.0
Isodrin	< 1.5	Y	1.5
Isophorone	< 1.5	Y	1.5
Isosafrole	< 1.5	Y	1.5
Mestranol	< 5.0	Y	5.0
Methyl methanesulfonate	< 1.5	Y	1.5
Naphthalene	< 1.5	Y	1.5
Nitrobenzene	< 1.5	Y	1.5
N-Nitrosodi-n-butylamine	< 1.5	Y	1.5
N-Nitrosodi-n-propylamine	< 1.5	Y	1.5
N-Nitrosopiperidine	< 1.5	Y	1.5
p-Dimethylaminoazobenzene	< 1.5	Y	1.5
Pentachlorobenzene	< 1.5	Y	1.5
Pentachloronitrobenzene	< 1.5	Y	1.5
Pentachlorophenol	< 5.0	Y	5.0
Phenacetin	< 1.5	Y	1.5
Phenanthrene	< 1.5	Y	1.5
Phenol	< 1.5	Y	1.5
Pronamide	< 1.5	Y	1.5
Pyrene	< 1.5	Y	1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 17:25

Analyte	Result	Qualifier	Reporting Limit
Pyridine	< 1.5	Y	1.5
Safrole	< 1.5	Y	1.5

Mercury by EPA Method 245.1

Method:	245.1	Prepared:	06/29/21 16:08
Units:	ug/L	Analyzed:	07/01/21 10:26

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:41

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**663**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**23.8**		10.0
Beryllium	< 1.00		1.00
Boron	**133**		25.0
Cadmium	< 3.00		3.00

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-12R**			Lab Sample ID:	**21F1057-02**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/25/21 19:13

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:41

Analyte	Result	Qualifier	Reporting Limit
Calcium	**78600**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**326000**		1980
Iron	**1110**		150
Lead	< 5.00		5.00
Magnesium	**31500**		300
Manganese	**38.2**		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**2010**		300
Strontium	**63.5**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 17:30

Analyte	Result	Qualifier	Reporting Limit
1,1,1,2-Tetrachloroethane	< 2.0		2.0
1,1,1-Trichloroethane	< 2.0		2.0
1,1,2,2-Tetrachloroethane	< 2.0		2.0
1,1,2-Trichloroethane	< 2.0		2.0
1,1-Dichloroethane	< 2.0		2.0
1,1-Dichloroethene	< 2.0		2.0
1,1-Dichloropropene	< 2.0		2.0
1,2,3-Trichloropropane	< 2.0		2.0
1,2-Dibromoethane	< 2.0		2.0
1,2-Dichloroethane	< 2.0		2.0
1,2-Dichloropropane	< 2.0		2.0
1,3-Dichloropropane	< 2.0		2.0
2,2-Dichloropropane	< 2.0		2.0
2-Butanone (MEK)	< 10		10
2-Hexanone (MBK)	< 5.0		5.0
4-Methyl-2-pentanone (MIBK)	< 10		10
Acetone	< 10		10
Benzene	< 2.0		2.0
Bromobenzene	< 2.0		2.0
Bromochloromethane	< 2.0		2.0
Bromodichloromethane	< 2.0		2.0
Bromoform	< 5.0		5.0
Bromomethane	< 5.0		5.0

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 17:30

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

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:00

Analyte	Result	Qualifier	Reporting Limit
1,2,4,5-Tetrachlorobenzene	< 1.5		1.5
1,2,4-Trichlorobenzene	< 1.5		1.5
1,2-Dichlorobenzene	< 1.5		1.5
1,2-Dinitrobenzene	< 1.5		1.5
1,3-Dichlorobenzene	< 1.5		1.5
1,3-Dinitrobenzene	< 5.0		5.0
1,4-Dichlorobenzene	< 1.5		1.5
1,4-Dinitrobenzene	< 5.0		5.0
1-Chloronaphthalene	< 1.5		1.5
1-Naphthylamine	< 5.0		5.0
2,2-Oxybis(1-chloropropane)	< 1.5		1.5
2,3,4,6-Tetrachlorophenol	< 1.5		1.5
2,4,5-Trichlorophenol	< 1.5		1.5
2,4,6-Trichlorophenol	< 1.5		1.5
2,4-Dichlorophenol	< 1.5		1.5
2,4-Dimethylphenol	< 1.5		1.5
2,4-Dinitrophenol	< 5.0		5.0
2,4-Dinitrotoluene	< 5.0		5.0
2,6-Dichlorophenol	< 1.5		1.5
2,6-Dinitrotoluene	< 1.5		1.5
2-Chloronaphthalene	< 1.5		1.5
2-Chlorophenol	< 1.5		1.5
2-Methylnaphthalene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:00

Analyte	Result	Qualifier	Reporting Limit
2-Methylphenol	< 1.5		1.5
2-Naphthylamine	< 5.0		5.0
2-Nitroaniline	< 1.5		1.5
2-Nitrophenol	< 5.0		5.0
2-Picoline	< 1.5		1.5
3,3-Dichlorobenzidine	< 1.5		1.5
3-Nitroaniline	< 1.5		1.5
4,6-Dinitro-2-methylphenol	< 5.0		5.0
4-Bromophenyl phenyl ether	< 1.5		1.5
4-Chloro-3-methylphenol	< 1.5		1.5
4-Chloroaniline	< 1.5		1.5
4-Chlorophenyl phenyl ether	< 1.5		1.5
4-Methylphenol	< 1.5		1.5
4-Nitroaniline	< 1.5		1.5
4-Nitrobiphenyl	< 5.0		5.0
4-Nitrophenol	< 5.0		5.0
5-Nitroacenaphthene	< 5.0		5.0
7,12-Dimethylbenzo(a)anthracene	< 5.0		5.0
Acenaphthene	< 1.5		1.5
Acenaphthylene	< 1.5		1.5
Acetophenone	< 1.5		1.5
Anthracene	< 1.5		1.5
Azobenzene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:00

Analyte	Result	Qualifier	Reporting Limit
Benzo(a)anthracene	< 1.5		1.5
Benzo(a)pyrene	< 1.5		1.5
Benzo(b)fluoranthene	< 1.5		1.5
Benzo(ghi)perylene	< 5.0		5.0
Benzo(k)fluoranthene	< 1.5		1.5
Bis(2-chloroethoxy)methane	< 1.5		1.5
Bis(2-chloroethyl)ether	< 1.5		1.5
Bis(2-ethylhexyl)phthalate	< 5.0		5.0
Butyl benzyl phthalate	< 5.0		5.0
Carbazole	< 1.5		1.5
Chrysene	< 1.5		1.5
Dibenzo(a,h)anthracene	< 5.0		5.0
Dibenzofuran	< 1.5		1.5
Diethylphthalate	< 1.5		1.5
Dimethylphthalate	< 1.5		1.5
Di-n-butylphthalate	< 1.5		1.5
Di-n-octylphthalate	< 5.0		5.0
Diphenylamine	< 1.5		1.5
Ethyl methanesulfonate	< 1.5		1.5
Fluoranthene	< 1.5		1.5
Fluorene	< 1.5		1.5
Hexachlorobenzene	< 1.5		1.5
Hexachlorobutadiene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:00

Analyte	Result	Qualifier	Reporting Limit
Hexachlorocyclopentadiene	< 1.5		1.5
Hexachloroethane	< 1.5		1.5
Hexachloropropene	< 1.5		1.5
Indeno(1,2,3-cd)pyrene	< 5.0		5.0
Isodrin	< 1.5		1.5
Isophorone	< 1.5		1.5
Isosafrole	< 1.5		1.5
Mestranol	< 5.0		5.0
Methyl methanesulfonate	< 1.5		1.5
Naphthalene	< 1.5		1.5
Nitrobenzene	< 1.5		1.5
N-Nitrosodi-n-butylamine	< 1.5		1.5
N-Nitrosodi-n-propylamine	< 1.5		1.5
N-Nitrosopiperidine	< 1.5		1.5
p-Dimethylaminoazobenzene	< 1.5		1.5
Pentachlorobenzene	< 1.5		1.5
Pentachloronitrobenzene	< 1.5		1.5
Pentachlorophenol	< 5.0		5.0
Phenacetin	< 1.5		1.5
Phenanthrene	< 1.5		1.5
Phenol	< 1.5		1.5
Pronamide	< 1.5		1.5
Pyrene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:00

Analyte	Result	Qualifier	Reporting Limit
Pyridine	< 1.5		1.5
Safrole	< 1.5		1.5

Mercury by EPA Method 245.1

Method:	245.1	Prepared:	06/29/21 16:08
Units:	ug/L	Analyzed:	07/01/21 10:28

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:44

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**1070**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**26.3**		10.0
Beryllium	< 1.00		1.00
Boron	**30.1**		25.0
Cadmium	< 3.00		3.00

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-45**			Lab Sample ID:	**21F1057-03**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 9:55

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:44

Analyte	Result	Qualifier	Reporting Limit
Calcium	**75500**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**334000**		1980
Iron	**1300**		150
Lead	< 5.00		5.00
Magnesium	**35300**		300
Manganese	**36.7**		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**1420**		300
Strontium	**39.4**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 17:50

Analyte	Result	Qualifier	Reporting Limit
1,1,1,2-Tetrachloroethane	< 2.0		2.0
1,1,1-Trichloroethane	< 2.0		2.0
1,1,2,2-Tetrachloroethane	< 2.0		2.0
1,1,2-Trichloroethane	< 2.0		2.0
1,1-Dichloroethane	< 2.0		2.0
1,1-Dichloroethene	< 2.0		2.0
1,1-Dichloropropene	< 2.0		2.0
1,2,3-Trichloropropane	< 2.0		2.0
1,2-Dibromoethane	< 2.0		2.0
1,2-Dichloroethane	< 2.0		2.0
1,2-Dichloropropane	< 2.0		2.0
1,3-Dichloropropane	< 2.0		2.0
2,2-Dichloropropane	< 2.0		2.0
2-Butanone (MEK)	< 10		10
2-Hexanone (MBK)	< 5.0		5.0
4-Methyl-2-pentanone (MIBK)	< 10		10
Acetone	< 10		10
Benzene	< 2.0		2.0
Bromobenzene	< 2.0		2.0
Bromochloromethane	< 2.0		2.0
Bromodichloromethane	< 2.0		2.0
Bromoform	< 5.0		5.0
Bromomethane	< 5.0		5.0

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	06/27/21 10:50
Units:	ug/L	Analyzed:	06/27/21 17:50

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

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:34

Analyte	Result	Qualifier	Reporting Limit
1,2,4,5-Tetrachlorobenzene	< 1.5		1.5
1,2,4-Trichlorobenzene	< 1.5		1.5
1,2-Dichlorobenzene	< 1.5		1.5
1,2-Dinitrobenzene	< 1.5		1.5
1,3-Dichlorobenzene	< 1.5		1.5
1,3-Dinitrobenzene	< 5.0		5.0
1,4-Dichlorobenzene	< 1.5		1.5
1,4-Dinitrobenzene	< 5.0		5.0
1-Chloronaphthalene	< 1.5		1.5
1-Naphthylamine	< 5.0		5.0
2,2-Oxybis(1-chloropropane)	< 1.5		1.5
2,3,4,6-Tetrachlorophenol	< 1.5		1.5
2,4,5-Trichlorophenol	< 1.5		1.5
2,4,6-Trichlorophenol	< 1.5		1.5
2,4-Dichlorophenol	< 1.5		1.5
2,4-Dimethylphenol	< 1.5		1.5
2,4-Dinitrophenol	< 5.0		5.0
2,4-Dinitrotoluene	< 5.0		5.0
2,6-Dichlorophenol	< 1.5		1.5
2,6-Dinitrotoluene	< 1.5		1.5
2-Chloronaphthalene	< 1.5		1.5
2-Chlorophenol	< 1.5		1.5
2-Methylnaphthalene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:34

Analyte	Result	Qualifier	Reporting Limit
2-Methylphenol	< 1.5		1.5
2-Naphthylamine	< 5.0		5.0
2-Nitroaniline	< 1.5		1.5
2-Nitrophenol	< 5.0		5.0
2-Picoline	< 1.5		1.5
3,3-Dichlorobenzidine	< 1.5		1.5
3-Nitroaniline	< 1.5		1.5
4,6-Dinitro-2-methylphenol	< 5.0		5.0
4-Bromophenyl phenyl ether	< 1.5		1.5
4-Chloro-3-methylphenol	< 1.5		1.5
4-Chloroaniline	< 1.5		1.5
4-Chlorophenyl phenyl ether	< 1.5		1.5
4-Methylphenol	< 1.5		1.5
4-Nitroaniline	< 1.5		1.5
4-Nitrobiphenyl	< 5.0		5.0
4-Nitrophenol	< 5.0		5.0
5-Nitroacenaphthene	< 5.0		5.0
7,12-Dimethylbenzo(a)anthracene	< 5.0		5.0
Acenaphthene	< 1.5		1.5
Acenaphthylene	< 1.5		1.5
Acetophenone	< 1.5		1.5
Anthracene	< 1.5		1.5
Azobenzene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:34

Analyte	Result	Qualifier	Reporting Limit
Benzo(a)anthracene	< 1.5		1.5
Benzo(a)pyrene	< 1.5		1.5
Benzo(b)fluoranthene	< 1.5		1.5
Benzo(ghi)perylene	< 5.0		5.0
Benzo(k)fluoranthene	< 1.5		1.5
Bis(2-chloroethoxy)methane	< 1.5		1.5
Bis(2-chloroethyl)ether	< 1.5		1.5
Bis(2-ethylhexyl)phthalate	< 5.0		5.0
Butyl benzyl phthalate	< 5.0		5.0
Carbazole	< 1.5		1.5
Chrysene	< 1.5		1.5
Dibenzo(a,h)anthracene	< 5.0		5.0
Dibenzofuran	< 1.5		1.5
Diethylphthalate	< 1.5		1.5
Dimethylphthalate	< 1.5		1.5
Di-n-butylphthalate	< 1.5		1.5
Di-n-octylphthalate	< 5.0		5.0
Diphenylamine	< 1.5		1.5
Ethyl methanesulfonate	< 1.5		1.5
Fluoranthene	< 1.5		1.5
Fluorene	< 1.5		1.5
Hexachlorobenzene	< 1.5		1.5
Hexachlorobutadiene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:34

Analyte	Result	Qualifier	Reporting Limit
Hexachlorocyclopentadiene	< 1.5		1.5
Hexachloroethane	< 1.5		1.5
Hexachloropropene	< 1.5		1.5
Indeno(1,2,3-cd)pyrene	< 5.0		5.0
Isodrin	< 1.5		1.5
Isophorone	< 1.5		1.5
Isosafrole	< 1.5		1.5
Mestranol	< 5.0		5.0
Methyl methanesulfonate	< 1.5		1.5
Naphthalene	< 1.5		1.5
Nitrobenzene	< 1.5		1.5
N-Nitrosodi-n-butylamine	< 1.5		1.5
N-Nitrosodi-n-propylamine	< 1.5		1.5
N-Nitrosopiperidine	< 1.5		1.5
p-Dimethylaminoazobenzene	< 1.5		1.5
Pentachlorobenzene	< 1.5		1.5
Pentachloronitrobenzene	< 1.5		1.5
Pentachlorophenol	< 5.0		5.0
Phenacetin	< 1.5		1.5
Phenanthrene	< 1.5		1.5
Phenol	< 1.5		1.5
Pronamide	< 1.5		1.5
Pyrene	< 1.5		1.5

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Semivolatiles by GC/MS

Method:	8270	Prepared:	06/28/21 12:48
Units:	ug/L	Analyzed:	06/29/21 18:34

Analyte	Result	Qualifier	Reporting Limit
Pyridine	< 1.5		1.5
Safrole	< 1.5		1.5

Mercury by EPA Method 245.1

Method:	245.1	Prepared:	06/29/21 16:08
Units:	ug/L	Analyzed:	07/01/21 10:31

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:47

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**686**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**34.4**		10.0
Beryllium	< 1.00		1.00
Boron	**47.0**	B1	25.0
Cadmium	< 3.00		3.00

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

Reported:
07/14/21 13:40

Illinois Environmental Protection Agency Laboratory

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LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	06/27/21
Funding Code:	CS29 B50			Temperature C:	7.00
Client Sample ID:	**W-20R**			Lab Sample ID:	**21F1057-04**
Matrix:	Water	Collected By:	TR/PE	Date/Time Collected:	06/26/21 11:09

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	06/30/21 15:59
Units:	ug/L	Analyzed:	07/02/21 10:47

Analyte	Result	Qualifier	Reporting Limit
Calcium	**115000**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**472000**		1980
Iron	**1470**		150
Lead	< 5.00		5.00
Magnesium	**45200**		300
Manganese	**138**		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0	B1	25.0
Silver	< 3.00		3.00
Sodium	**7590**		300
Strontium	**80.9**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Reported:
07/14/21 13:40

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LABORATORY RESULTS

Name:	**CHEMTOOL**		
Project/Facility Number:	2010355004	Date Received :	06/27/21
Funding Code:	CS29 B50	Temperature C:	7.00

Notes and Definitions

Y	The laboratory analysis was performed on an unpreserved or improperly preserved sample.
B1	The sample matrix caused possible effects on measurement. The result may be biased low.
ND	Analyte NOT DETECTED at or above the reporting limit
*	Non-NELAP accredited

Methods 8260 & 8270: Samples received at the laboratory outside of the acceptable temperature requirements were Y qualified.

Method 8270: Insufficient sample volume received to perform a matrix spike and matrix spike duplicate for the batch containing samples 21F1057-01, -02, -03 and -04. NELAC and method requirements were not met.

Report Authorized by:

Tom Weiss
Laboratory Manager

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Reported:
07/14/21 13:40