Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 14:50

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	**92**		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

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 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 14:50

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:11

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:11

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:11

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:11

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:11

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:37

Analyte	Result	Qualifier	Reporting Limit
Mercury	**0.19**		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:18

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**5080**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**129**		10.0
Beryllium	< 1.00		1.00
Boron	**293**	B1	25.0
Cadmium	**4.93**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W9**			Lab Sample ID:	**21G0031-01**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 13:30

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:25

Analyte	Result	Qualifier	Reporting Limit
Calcium	**220000**		3000
Chromium	**11.9**		5.00
Cobalt	**20.0**		10.0
Copper	**62.0**		10.0
Hardness	**964000**		1980
Iron	**15000**		150
Lead	**8.20**		5.00
Magnesium	**101000**		300
Manganese	**415**		15.0
Nickel	**16.6**		5.00
Potassium	**4560**		1400
Selenium	< 25.0	B1	25.0
Silver	**3.99**		3.00
Sodium	**169000**		300
Strontium	**328**		5.00
Thallium	< 10.0		10.0
Vanadium	**14.4**		5.00
Zinc	**56.9**		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:10

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:10

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:45

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:45

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:45

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:45

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 18:45

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:39

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:21

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**2450**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**52.9**		10.0
Beryllium	< 1.00		1.00
Boron	**60.3**	B1	25.0
Cadmium	< 3.00		3.00

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W13**			Lab Sample ID:	**21G0031-02**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 14:30

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:21

Analyte	Result	Qualifier	Reporting Limit
Calcium	**140000**		300
Chromium	**7.19**		5.00
Cobalt	< 10.0		10.0
Copper	**10.1**		10.0
Hardness	**578000**		1980
Iron	**4610**		150
Lead	< 5.00		5.00
Magnesium	**55200**		300
Manganese	**158**		15.0
Nickel	**5.33**		5.00
Potassium	< 1400		1400
Selenium	< 25.0	B1	25.0
Silver	**3.22**		3.00
Sodium	**10600**		300
Strontium	**79.5**		5.00
Thallium	< 10.0		10.0
Vanadium	**5.77**		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:31

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:31

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	**7.6**		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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:20

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:20

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:20

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:20

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:20

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:42

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:23

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**18000**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**166**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0	B1	25.0
Cadmium	**8.58**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W54**			Lab Sample ID:	**21G0031-03**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:15

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:27

Analyte	Result	Qualifier	Reporting Limit
Calcium	**399000**		3000
Chromium	**129**		5.00
Cobalt	**20.5**		10.0
Copper	**60.0**		10.0
Hardness	**1730000**		1980
Iron	**34000**		150
Lead	**16.3**		5.00
Magnesium	**179000**		300
Manganese	**875**		15.0
Nickel	**72.4**		5.00
Potassium	**5640**		1400
Selenium	< 25.0	B1	25.0
Silver	**6.10**		3.00
Sodium	**46100**		300
Strontium	**219**		5.00
Thallium	< 10.0		10.0
Vanadium	**38.2**		5.00
Zinc	**107**		25.0

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:52

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:52

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:54

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:54

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:54

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:54

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 19:54

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:44

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:26

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**429**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**45.2**		10.0
Beryllium	< 1.00		1.00
Boron	**38.7**		25.0
Cadmium	< 3.00		3.00

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W3R**			Lab Sample ID:	**21G0031-04**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 15:55

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:26

Analyte	Result	Qualifier	Reporting Limit
Calcium	**110000**		300
Chromium	**8.96**		5.00
Cobalt	< 10.0		10.0
Copper	**18.7**		10.0
Hardness	**493000**		1980
Iron	**5260**		150
Lead	< 5.00		5.00
Magnesium	**52900**		300
Manganese	**39.0**		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**8750**		300
Strontium	**73.3**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 11:27

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50		0.50
Styrene	< 0.50		0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J5	0.50
Xylenes, total	< 0.50		0.50

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 16:12

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 16:12

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 20:28

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 20:28

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 20:28

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 20:28

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 20:28

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:46

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:29

Analyte	Result	Qualifier	Reporting Limit
Aluminum	< 100		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**21.1**		10.0
Beryllium	< 1.00		1.00
Boron	**30.7**		25.0
Cadmium	< 3.00		3.00

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W19B**			Lab Sample ID:	**21G0031-05**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:30

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:29

Analyte	Result	Qualifier	Reporting Limit
Calcium	**80700**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**369000**		1980
Iron	< 150		150
Lead	< 5.00		5.00
Magnesium	**40700**		300
Manganese	**527**		15.0
Nickel	< 5.00		5.00
Potassium	**2330**		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**30500**		300
Strontium	**97.8**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 12:04

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50		0.50
Styrene	< 0.50		0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J5	0.50
Xylenes, total	< 0.50		0.50

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 16:33

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 16:33

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:03

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:03

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:03

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:03

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:03

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:49

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:37

Analyte	Result	Qualifier	Reporting Limit
Aluminum	< 100		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**21.1**		10.0
Beryllium	< 1.00		1.00
Boron	**35.0**		25.0
Cadmium	< 3.00		3.00

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**219B**			Lab Sample ID:	**21G0031-06**
Matrix:	Water	Collected By:	MW	Date/Time Collected:	06/30/21 18:45

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:37

Analyte	Result	Qualifier	Reporting Limit
Calcium	**81000**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**372000**		1980
Iron	< 150		150
Lead	< 5.00		5.00
Magnesium	**41200**		300
Manganese	**520**		15.0
Nickel	< 5.00		5.00
Potassium	**2360**		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**30800**		300
Strontium	**97.6**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 16:54

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 16:54

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:37

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:37

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:37

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:37

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 21:37

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:55

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:40

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**166**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**20.3**		10.0
Beryllium	< 1.00		1.00
Boron	**131**		25.0
Cadmium	< 3.00		3.00

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W12R**			Lab Sample ID:	**21G0031-07**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 13:45

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:40

Analyte	Result	Qualifier	Reporting Limit
Calcium	**79300**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**332000**		1980
Iron	**309**		150
Lead	< 5.00		5.00
Magnesium	**32500**		300
Manganese	< 15.0		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**2210**		300
Strontium	**62.7**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 17:14

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 17:14

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:12

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:12

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:12

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:12

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:12

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 10:58

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:43

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**221**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**46.2**		10.0
Beryllium	< 1.00		1.00
Boron	**31.1**	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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W22**			Lab Sample ID:	**21G0031-08**
Matrix:	Water	Collected By:	AG	Date/Time Collected:	06/30/21 14:10

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:43

Analyte	Result	Qualifier	Reporting Limit
Calcium	**105000**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**487000**		1980
Iron	**559**		150
Lead	< 5.00		5.00
Magnesium	**54400**		300
Manganese	**19.3**		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0	B1	25.0
Silver	< 3.00		3.00
Sodium	**13400**		300
Strontium	**58.0**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 17:35

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 17:35

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:46

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:46

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:46

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:46

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 22:46

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:00

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:46

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**750**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**25.7**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0		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 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W45**			Lab Sample ID:	**21G0031-09**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 14:50

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:46

Analyte	Result	Qualifier	Reporting Limit
Calcium	**74100**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**336000**		1980
Iron	**1080**		150
Lead	< 5.00		5.00
Magnesium	**36700**		300
Manganese	**34.5**		15.0
Nickel	< 5.00		5.00
Potassium	**1580**		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**1660**		300
Strontium	**38.3**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 17:55

Analyte	Result	Qualifier	Reporting Limit
1,1,1,2-Tetrachloroethane	< 2.0		2.0
1,1,1-Trichloroethane	**2.3**		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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 17:55

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:21

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:21

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:21

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:21

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:21

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:02

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:48

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**1710**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**49.5**		10.0
Beryllium	< 1.00		1.00
Boron	**32.4**	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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W20R**			Lab Sample ID:	**21G0031-10**
Matrix:	Water	Collected By:	TAR	Date/Time Collected:	06/30/21 13:05

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:48

Analyte	Result	Qualifier	Reporting Limit
Calcium	**131000**		300
Chromium	**8.77**		5.00
Cobalt	< 10.0		10.0
Copper	**11.1**		10.0
Hardness	**550000**		1980
Iron	**4570**		150
Lead	< 5.00		5.00
Magnesium	**54300**		300
Manganese	**490**		15.0
Nickel	**12.6**		5.00
Potassium	**1400**		1400
Selenium	< 25.0	B1	25.0
Silver	< 3.00		3.00
Sodium	**8070**		300
Strontium	**87.5**		5.00
Thallium	< 10.0		10.0
Vanadium	**6.92**		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 18:16

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 18:16

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:56

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:56

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:56

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:56

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/12/21 23:56

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:07

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:51

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**442**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**31.9**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0		25.0
Cadmium	< 3.00		3.00

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W46**			Lab Sample ID:	**21G0031-11**
Matrix:	Water	Collected By:	JO	Date/Time Collected:	06/30/21 16:40

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:51

Analyte	Result	Qualifier	Reporting Limit
Calcium	**95100**		300
Chromium	**99.5**		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**423000**		1980
Iron	**2610**		150
Lead	< 5.00		5.00
Magnesium	**45100**		300
Manganese	**160**		15.0
Nickel	**10.1**		5.00
Potassium	< 1400		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**10200**		300
Strontium	**58.9**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 18:37

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 18:37

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:05

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	O2 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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:05

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	O2 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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:05

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	**2.0**	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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:05

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:05

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:09

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:56

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**448**		100
Antimony	**84.9**		10.0
Arsenic	< 10.0		10.0
Barium	**160**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0	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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W15**			Lab Sample ID:	**21G0031-12**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:03

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 11:56

Analyte	Result	Qualifier	Reporting Limit
Calcium	**190000**		300
Chromium	**11600**		50.0
Cobalt	**21.3**		10.0
Copper	**47.6**		10.0
Hardness	**757000**		1980
Iron	**11000**		150
Lead	< 5.00		5.00
Magnesium	**68400**		300
Manganese	**466**		15.0
Nickel	**974**		5.00
Potassium	**5760**		1400
Selenium	< 25.0	B1	25.0
Silver	**3.82**		3.00
Sodium	**451000**		3000
Strontium	**343**		5.00
Thallium	< 10.0		10.0
Vanadium	**45.0**		5.00
Zinc	< 25.0		25.0

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 18:57

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 18:57

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/13/21 00:30

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/13/21 00:30

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/13/21 00:30

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/13/21 00:30

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/06/21 09:30
Units:	ug/L	Analyzed:	07/13/21 00:30

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:12

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:00

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**7520**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**78.3**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0	B1	25.0
Cadmium	**3.36**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W1R**			Lab Sample ID:	**21G0031-13**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 13:44

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:00

Analyte	Result	Qualifier	Reporting Limit
Calcium	**170000**		300
Chromium	**61.2**		5.00
Cobalt	< 10.0		10.0
Copper	**22.1**		10.0
Hardness	**724000**		1980
Iron	**13100**		150
Lead	**5.29**		5.00
Magnesium	**72700**		300
Manganese	**534**		15.0
Nickel	**19.0**		5.00
Potassium	**3270**		1400
Selenium	< 25.0	B1	25.0
Silver	**3.19**		3.00
Sodium	**45900**		300
Strontium	**130**		5.00
Thallium	< 10.0		10.0
Vanadium	**17.9**		5.00
Zinc	**31.3**		25.0

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 21:12

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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 21:12

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:40

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:40

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	O2 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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:40

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:40

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 13:40

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:14

Analyte	Result	Qualifier	Reporting Limit
Mercury	**0.10**		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:03

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**8500**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**78.9**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0		25.0
Cadmium	**4.24**		3.00

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W17**			Lab Sample ID:	**21G0031-14**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 14:40

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:39

Analyte	Result	Qualifier	Reporting Limit
Calcium	**211000**		3000
Chromium	**94.4**		5.00
Cobalt	< 10.0		10.0
Copper	**28.8**		10.0
Hardness	**877000**		1980
Iron	**15900**		150
Lead	**6.28**		5.00
Magnesium	**85200**		300
Manganese	**639**		15.0
Nickel	**27.1**		5.00
Potassium	**3690**		1400
Selenium	< 25.0		25.0
Silver	**3.44**		3.00
Sodium	**10800**		300
Strontium	**184**		5.00
Thallium	< 10.0		10.0
Vanadium	**24.9**		5.00
Zinc	**39.9**		25.0

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 12:41

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50		0.50
Styrene	< 0.50		0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J5	0.50
Xylenes, total	< 0.50		0.50

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 21:34

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 21:34

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:14

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	O2 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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:14

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	O2 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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:14

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:14

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:14

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:16

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:11

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**452**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**19.2**		10.0
Beryllium	< 1.00		1.00
Boron	**114**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**G103D**			Lab Sample ID:	**21G0031-15**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:11

Analyte	Result	Qualifier	Reporting Limit
Calcium	**95700**		300
Chromium	**9.36**		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**425000**		1980
Iron	**907**		150
Lead	**8.62**		5.00
Magnesium	**45200**		300
Manganese	**23.4**		15.0
Nickel	**8.95**		5.00
Potassium	**1950**		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**19800**		300
Strontium	**72.4**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 13:18

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50		0.50
Styrene	< 0.50		0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J5	0.50
Xylenes, total	< 0.50		0.50

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 21:55

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 21:55

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:49

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:49

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	O2 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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:49

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:49

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 14:49

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:23

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:14

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**332**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**18.2**		10.0
Beryllium	< 1.00		1.00
Boron	**112**		25.0
Cadmium	< 3.00		3.00

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**X103D**			Lab Sample ID:	**21G0031-16**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 17:55

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:14

Analyte	Result	Qualifier	Reporting Limit
Calcium	**93500**		300
Chromium	**6.64**		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**413000**		1980
Iron	**663**		150
Lead	**6.23**		5.00
Magnesium	**43600**		300
Manganese	**18.4**		15.0
Nickel	**7.04**		5.00
Potassium	**1600**		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**19400**		300
Strontium	**70.6**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 13:55

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50	J3	0.50
Styrene	< 0.50	J3	0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J3, J5	0.50
Xylenes, total	< 0.50		0.50

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 09:04

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 09:04

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	J3	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	J3	2.0

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:23

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	J3, O2Y	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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:23

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	O2 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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:23

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:23

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:23

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:25

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:17

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**6580**		100
Antimony	**14.5**		10.0
Arsenic	< 10.0		10.0
Barium	**85.5**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0	B1	25.0
Cadmium	**6.19**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W29**			Lab Sample ID:	**21G0031-17**
Matrix:	Water	Collected By:	KHW	Date/Time Collected:	06/30/21 19:00

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:17

Analyte	Result	Qualifier	Reporting Limit
Calcium	**123000**		300
Chromium	**2070**		5.00
Cobalt	**56.3**		10.0
Copper	**48.9**		10.0
Hardness	**573000**		1980
Iron	**27800**		150
Lead	**10.7**		5.00
Magnesium	**64500**		300
Manganese	**924**		15.0
Nickel	**244**		5.00
Potassium	**3080**		1400
Selenium	< 25.0	B1	25.0
Silver	< 3.00		3.00
Sodium	**56700**		300
Strontium	**80.1**		5.00
Thallium	< 10.0		10.0
Vanadium	**36.3**		5.00
Zinc	< 25.0		25.0

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 09:57

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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 09:57

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:58

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	O2 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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:58

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	O2 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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:58

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

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:58

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 15:58

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:28

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:19

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**410**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**59.1**		10.0
Beryllium	< 1.00		1.00
Boron	**78.7**	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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W41**			Lab Sample ID:	**21G0031-18**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 13:30

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:19

Analyte	Result	Qualifier	Reporting Limit
Calcium	**108000**		300
Chromium	**550**		5.00
Cobalt	< 10.0		10.0
Copper	**34.4**		10.0
Hardness	**439000**		1980
Iron	**4090**		150
Lead	< 5.00		5.00
Magnesium	**40900**		300
Manganese	**42.9**		15.0
Nickel	**37.3**		5.00
Potassium	**1400**		1400
Selenium	< 25.0	B1	25.0
Silver	< 3.00		3.00
Sodium	**60900**		300
Strontium	**121**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 10:18

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 10:18

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 16:32

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 16:32

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	O2 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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 16:32

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 16:32

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 16:32

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:30

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:22

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**2050**		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**63.7**		10.0
Beryllium	< 1.00		1.00
Boron	**35.4**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W53**			Lab Sample ID:	**21G0031-19**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:20

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:22

Analyte	Result	Qualifier	Reporting Limit
Calcium	**64700**		300
Chromium	**96.8**		5.00
Cobalt	< 10.0		10.0
Copper	**12.7**		10.0
Hardness	**273000**		1980
Iron	**4890**		150
Lead	< 5.00		5.00
Magnesium	**27000**		300
Manganese	**133**		15.0
Nickel	**49.3**		5.00
Potassium	**2420**		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**529000**		3000
Strontium	**131**		5.00
Thallium	< 10.0		10.0
Vanadium	**6.04**		5.00
Zinc	< 25.0		25.0

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 10:39

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 10:39

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	**5.4**		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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:07

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	O2 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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:07

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	O2	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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:07

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:07

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:07

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:32

Analyte	Result	Qualifier	Reporting Limit
Mercury	**0.12**		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:44

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**47400**		1000
Antimony	< 10.0		10.0
Arsenic	**17.7**		10.0
Barium	**379**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0	B1	25.0
Cadmium	**21.8**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W52**			Lab Sample ID:	**21G0031-20**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 14:45

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:44

Analyte	Result	Qualifier	Reporting Limit
Calcium	**554000**		3000
Chromium	**2390**		5.00
Cobalt	**58.3**		10.0
Copper	**198**		10.0
Hardness	**2430000**		1980
Iron	**102000**		1500
Lead	**37.2**		5.00
Magnesium	**255000**		3000
Manganese	**2040**		15.0
Nickel	**739**		5.00
Potassium	**9350**		1400
Selenium	< 25.0	B1	25.0
Silver	**8.74**		3.00
Sodium	**74900**		300
Strontium	**377**		5.00
Thallium	< 10.0		10.0
Vanadium	**112**		5.00
Zinc	**265**		25.0

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 14:32

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50		0.50
Styrene	< 0.50		0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J5	0.50
Xylenes, total	< 0.50		0.50

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 10:59

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 10:59

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:41

Analyte	Result	Qualifier	Reporting Limit
1,2,4,5-Tetrachlorobenzene	< 1.5	J1 Y	1.5
1,2,4-Trichlorobenzene	< 1.5	J1 Y	1.5
1,2-Dichlorobenzene	< 1.5	J1 Y	1.5
1,2-Dinitrobenzene	< 1.5	J1 Y	1.5
1,3-Dichlorobenzene	< 1.5	J1 Y	1.5
1,3-Dinitrobenzene	< 5.0	J1 Y	5.0
1,4-Dichlorobenzene	< 1.5	J1 Y	1.5
1,4-Dinitrobenzene	< 5.0	J1 Y	5.0
1-Chloronaphthalene	< 1.5	J1 Y	1.5
1-Naphthylamine	< 5.0	J1 Y	5.0
2,2-Oxybis(1-chloropropane)	< 1.5	J1 Y	1.5
2,3,4,6-Tetrachlorophenol	< 1.5	J1 Y	1.5
2,4,5-Trichlorophenol	< 1.5	J1 Y	1.5
2,4,6-Trichlorophenol	< 1.5	J1 Y	1.5
2,4-Dichlorophenol	< 1.5	J1 Y	1.5
2,4-Dimethylphenol	< 1.5	J1 Y	1.5
2,4-Dinitrophenol	< 5.0	J1, O2 Y	5.0
2,4-Dinitrotoluene	< 5.0	J1 Y	5.0
2,6-Dichlorophenol	< 1.5	J1 Y	1.5
2,6-Dinitrotoluene	< 1.5	J1 Y	1.5
2-Chloronaphthalene	< 1.5	J1 Y	1.5
2-Chlorophenol	< 1.5	J1 Y	1.5
2-Methylnaphthalene	< 1.5	J1 Y	1.5

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:41

Analyte	Result	Qualifier		Reporting Limit
2-Methylphenol	< 1.5	J1	Y	1.5
2-Naphthylamine	< 5.0	J1	Y	5.0
2-Nitroaniline	< 1.5	J1	Y	1.5
2-Nitrophenol	< 5.0	J1	Y	5.0
2-Picoline	< 1.5	J1	Y	1.5
3,3-Dichlorobenzidine	< 1.5	J1	Y	1.5
3-Nitroaniline	< 1.5	J1	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	J1	Y	1.5
4-Chloroaniline	< 1.5	J1	Y	1.5
4-Chlorophenyl phenyl ether	< 1.5	J1	Y	1.5
4-Methylphenol	< 1.5	J1	Y	1.5
4-Nitroaniline	< 1.5	J1	Y	1.5
4-Nitrobiphenyl	< 5.0		Y	5.0
4-Nitrophenol	< 5.0	J1, O2	Y	5.0
5-Nitroacenaphthene	< 5.0		Y	5.0
7,12-Dimethylbenzo(a)anthracene	< 5.0		Y	5.0
Acenaphthene	< 1.5	J1	Y	1.5
Acenaphthylene	< 1.5	J1	Y	1.5
Acetophenone	< 1.5	J1	Y	1.5
Anthracene	< 1.5		Y	1.5
Azobenzene	< 1.5		Y	1.5

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:41

Analyte	Result	Qualifier	Reporting Limit
Benzo(a)anthracene	< 1.5	J1 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	J1 Y	1.5
Bis(2-chloroethyl)ether	< 1.5	J1 Y	1.5
Bis(2-ethylhexyl)phthalate	< 5.0	J1 Y	5.0
Butyl benzyl phthalate	< 5.0	J1 Y	5.0
Carbazole	< 1.5	Y	1.5
Chrysene	< 1.5	J1 Y	1.5
Dibenzo(a,h)anthracene	< 5.0	Y	5.0
Dibenzofuran	< 1.5	J1 Y	1.5
Diethylphthalate	< 1.5	J1 Y	1.5
Dimethylphthalate	< 1.5	J1 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	J1 Y	1.5
Fluoranthene	< 1.5	Y	1.5
Fluorene	< 1.5	J1 Y	1.5
Hexachlorobenzene	< 1.5	Y	1.5
Hexachlorobutadiene	< 1.5	J1 Y	1.5

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:41

Analyte	Result	Qualifier		Reporting Limit
Hexachlorocyclopentadiene	< 1.5	J1	Y	1.5
Hexachloroethane	< 1.5	J1	Y	1.5
Hexachloropropene	< 1.5	J1	Y	1.5
Indeno(1,2,3-cd)pyrene	< 5.0		Y	5.0
Isodrin	< 1.5		Y	1.5
Isophorone	< 1.5	J1	Y	1.5
Isosafrole	< 1.5	J1	Y	1.5
Mestranol	< 5.0		Y	5.0
Methyl methanesulfonate	< 1.5	J1	Y	1.5
Naphthalene	< 1.5	J1	Y	1.5
Nitrobenzene	< 1.5	J1	Y	1.5
N-Nitrosodi-n-butylamine	< 1.5	J1	Y	1.5
N-Nitrosodi-n-propylamine	< 1.5	J1	Y	1.5
N-Nitrosopiperidine	< 1.5	J1	Y	1.5
p-Dimethylaminoazobenzene	< 1.5	J1	Y	1.5
Pentachlorobenzene	< 1.5	J1	Y	1.5
Pentachloronitrobenzene	< 1.5		Y	1.5
Pentachlorophenol	< 5.0	O2	Y	5.0
Phenacetin	< 1.5		Y	1.5
Phenanthrene	< 1.5		Y	1.5
Phenol	< 1.5	J1	Y	1.5
Pronamide	< 1.5		Y	1.5
Pyrene	< 1.5	J1	Y	1.5

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 17:41

Analyte	Result	Qualifier	Reporting Limit
Pyridine	< 1.5	J1 Y	1.5
Safrole	< 1.5	J1 Y	1.5

Mercury by EPA Method 245.1

Method:	245.1	Prepared:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:44

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:29

Analyte	Result	Qualifier	Reporting Limit
Aluminum	**1210**		100
Antimony	**69.5**		10.0
Arsenic	< 10.0		10.0
Barium	**215**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0	B1	25.0
Cadmium	**19.2**		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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W37**			Lab Sample ID:	**21G0031-21**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 16:35

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 12:29

Analyte	Result	Qualifier	Reporting Limit
Calcium	**122000**		300
Chromium	**9890**		50.0
Cobalt	**143**		10.0
Copper	**219**		10.0
Hardness	**504000**		1980
Iron	**68400**		1500
Lead	< 5.00		5.00
Magnesium	**48100**		300
Manganese	**1190**		15.0
Nickel	**1150**		5.00
Potassium	**2200**		1400
Selenium	< 25.0	B1	25.0
Silver	< 3.00		3.00
Sodium	**121000**		300
Strontium	**99.8**		5.00
Thallium	< 10.0		10.0
Vanadium	**36.8**		5.00
Zinc	< 25.0		25.0

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:08

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50		0.50
Styrene	< 0.50		0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J5	0.50
Xylenes, total	< 0.50		0.50

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 11:20

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 11:20

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:16

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	O2 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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:16

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	O2 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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:16

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:16

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:16

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:51

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:07

Analyte	Result	Qualifier	Reporting Limit
Aluminum	< 100		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	< 10.0		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0	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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**FB**			Lab Sample ID:	**21G0031-22**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 18:15

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:07

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

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**		
Project/Facility Number:	2010355004	Date Received :	07/01/21
Funding Code:	CS29 B50	Temperature C:	3.00
Client Sample ID:	**TB1**	Lab Sample ID:	**21G0031-23**
Matrix:	Water	Collected By:	Date/Time Collected: 06/30/21 19:50

Volatile Organic Compounds by GC/MS

Method:	524.3	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/09/21 15:45

Analyte	Result	Qualifier	Reporting Limit
1,1,1-Trichloroethane	< 0.50		0.50
1,1,2-Trichloroethane	< 0.50		0.50
1,1-Dichloroethene	< 0.50		0.50
1,2-Dichlorobenzene	< 0.50		0.50
1,2-Dichloroethane	< 0.50		0.50
1,2-Dichloropropane	< 0.50		0.50
1,4-Dichlorobenzene	< 0.50		0.50
Benzene	< 0.50		0.50
Carbon tetrachloride	< 0.50		0.50
Chlorobenzene	< 0.50		0.50
cis-1,2-Dichloroethene	< 0.50		0.50
Ethylbenzene	< 0.50		0.50
Methyl tert-butyl ether	< 0.50		0.50
Methylene chloride	< 0.50		0.50
Styrene	< 0.50		0.50
Tetrachloroethene	< 0.50		0.50
Toluene	< 0.50		0.50
trans-1,2-Dichloroethene	< 0.50		0.50
Trichloroethene	< 0.50		0.50
Vinyl chloride	< 0.50	J5	0.50
Xylenes, total	< 0.50		0.50

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 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**		
Project/Facility Number:	2010355004	Date Received :	07/01/21
Funding Code:	CS29 B50	Temperature C:	3.00
Client Sample ID:	**TB1**	Lab Sample ID:	**21G0031-23**
Matrix:	Water	Collected By:	Date/Time Collected: 06/30/21 19:50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 12:23

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

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**TB1**			Lab Sample ID:	**21G0031-23**
Matrix:	Water	Collected By:		Date/Time Collected:	06/30/21 19:50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 12:23

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**		
Project/Facility Number:	2010355004	Date Received :	07/01/21
Funding Code:	CS29 B50	Temperature C:	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 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 12:44

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:	8260	Prepared:	07/09/21 08:00
Units:	ug/L	Analyzed:	07/12/21 12:44

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:50

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:50

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:50

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory
825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:50

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	O2 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

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 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Semivolatiles by GC/MS

Method:	8270	Prepared:	07/07/21 13:40
Units:	ug/L	Analyzed:	07/13/21 18:50

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:	07/06/21 08:15
Units:	ug/L	Analyzed:	07/07/21 11:53

Analyte	Result	Qualifier	Reporting Limit
Mercury	< 0.06		0.06

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:10

Analyte	Result	Qualifier	Reporting Limit
Aluminum	< 100		100
Antimony	< 10.0		10.0
Arsenic	< 10.0		10.0
Barium	**25.3**		10.0
Beryllium	< 1.00		1.00
Boron	< 25.0		25.0
Cadmium	< 3.00		3.00

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**				
Project/Facility Number:	2010355004			Date Received :	07/01/21
Funding Code:	CS29 B50			Temperature C:	3.00
Client Sample ID:	**W6**			Lab Sample ID:	**21G0031-24**
Matrix:	Water	Collected By:	MR	Date/Time Collected:	06/30/21 19:50

Metals by EPA 6000/7000 Series Methods

Method:	SW-846 6010	Prepared:	07/02/21 08:50
Units:	ug/L	Analyzed:	07/08/21 13:10

Analyte	Result	Qualifier	Reporting Limit
Calcium	**131000**		300
Chromium	< 5.00		5.00
Cobalt	< 10.0		10.0
Copper	< 10.0		10.0
Hardness	**557000**		1980
Iron	**156**		150
Lead	< 5.00		5.00
Magnesium	**55700**		300
Manganese	< 15.0		15.0
Nickel	< 5.00		5.00
Potassium	< 1400		1400
Selenium	< 25.0		25.0
Silver	< 3.00		3.00
Sodium	**2650**	V	300
Strontium	**99.1**		5.00
Thallium	< 10.0		10.0
Vanadium	< 5.00		5.00
Zinc	< 25.0		25.0

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

Reported:
07/14/21 14:02

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**CHEMTOOL**		
Project/Facility Number:	2010355004	Date Received :	07/01/21
Funding Code:	CS29 B50	Temperature C:	3.00

Notes and Definitions

Y	The laboratory analysis was performed on an unpreserved or improperly preserved sample.
V	Indicates the analyte was detected in both the sample and the associated method blank and was outside method blank acceptance criteria.
O2	Quality control sample failed low - possible low bias or false non-detect result.
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.
J1	Surrogate compound recovery limits have not been met.
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

Method 8270: Samples are Yqualified due to a tripped breaker shutting down the refrigerator where 8270 extracts were stored prior to analysis.

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of samples 21G0031-13. Please contact the laboratory if additional information about the TICs is needed.

Method 8270: There was insufficient amount of sample received to perform a matrix spike duplicate. A matrix spike was analyzed, however, NELAC and method requirements were not met due to the absence of a duplicate matrix spike.

Report Authorized by:

Tom Weiss
Laboratory Manager

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

Reported:
07/14/21 14:02