

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-01

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Volatile Organic Compounds by GC/MS

 Method:
 524.3
 Prepared:
 07/23/21 08:00

 Units:
 ug/L
 Analyzed:
 07/23/21 14:03

<u>Analyte</u>	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
1,2,4-Trichlorobenzene	< 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		0.50
Xylenes, total	< 0.50		0.50



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Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-01

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 07/26/21 08:00

 Units:
 ug/L
 Analyzed:
 07/26/21 17:27

<u>Analyte</u>	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	01	5.0



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Project/Facility Number: 20210355004 Date Received: 07/22/21

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Client Sample ID: Lab Sample ID: 21G0918-01

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 07/26/21 08:00

 Units:
 ug/L
 Analyzed:
 07/26/21 17:27

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



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: C204 Lab Sample ID: 21G0918-01

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:20

<u>Analyte</u>	Result	<u>Qualifier</u>	Reporting Limit
1,2,4,5-Tetrachlorobenzene	< 1.5		1.5
1,2,4-Trichlorobenzene	< 1.5		1.5
1,2-Dichlorobenzene	< 1.5		1.5
1,2-Dinitrobenzene	< 1.5		1.5
1,3-Dichlorobenzene	< 1.5		1.5
1,3-Dinitrobenzene	< 5.0		5.0
1,4-Dichlorobenzene	< 1.5		1.5
1,4-Dinitrobenzene	< 5.0		5.0
1-Chloronaphthalene	< 1.5		1.5
1-Naphthylamine	< 5.0		5.0
2,2-Oxybis(1-chloropropane)	< 1.5		1.5
2,3,4,6-Tetrachlorophenol	< 1.5		1.5
2,4,5-Trichlorophenol	< 1.5		1.5
2,4,6-Trichlorophenol	< 1.5		1.5
2,4-Dichlorophenol	< 1.5		1.5
2,4-Dimethylphenol	< 1.5		1.5
2,4-Dinitrophenol	< 7.5		7.5
2,4-Dinitrotoluene	< 5.0		5.0
2,6-Dichlorophenol	< 1.5		1.5
2,6-Dinitrotoluene	< 1.5		1.5
2-Chloronaphthalene	< 1.5		1.5
2-Chlorophenol	< 1.5		1.5
2-Methylnaphthalene	< 1.5		1.5



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-01

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:20

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



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Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: **G204** Lab Sample ID: **21G0918-01**

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:20

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



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Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-01

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:20

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



Client Sample ID:

Illinois Environmental Protection Agency Laboratory

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LABORATORY RESULTS

IEMTOOL

G204

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Semivolatiles by GC/MS

Lab Sample ID:

21G0918-01

Method: 8270 Prepared: 07/23/21 10:52

Units: ug/L Analyzed: 07/26/21 13:20

<u>Analyte</u> <u>Result</u> <u>Qualifier</u> <u>Reporting Limit</u>

Pyridine < 1.5 1.5
Safrole < 1.5 1.5

Hexavalent Chromium

Method: 218.6 Prepared: 07/22/21 15:30

Units: ug/L Analyzed: 07/22/21 15:30

Analyte Result Qualifier Reporting Limit

Hexavalent Chromium <50.0 50.0

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 07/26/21 15:25

Units: ug/L Analyzed: 07/27/21 10:07

Analyte Result Qualifier Reporting Limit

Mercury < 0.06 0.06



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Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21
Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: **G204** Lab Sample ID: **21G0918-01**

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Metals (Digested Drinking Water) by EPA 200 Series Methods ICP

 Method:
 200.7

 Units:
 ug/L

 Analyzed:
 07/26/21 11:01

<u>Analyte</u>	Result	<u>Qualifier</u>	Reporting Limit
Boron	39.7		25.0
Calcium	72500		300
Hardness	321000		1980
Iron	< 200		200
Magnesium	33900		300
Potassium	< 1400		1400
Silica	16800		2500
Sodium	14000		1000
Strontium	42.3		10.0

Metals by EPA 200 Series Methods ICP/MS

 Method:
 200.8
 Prepared:
 07/28/21 11:20

 Units:
 ug/L
 Analyzed:
 07/28/21 15:43

<u>Analyte</u>	Result	Qualifier	Reporting Limit
Aluminum	< 100		100
Antimony	< 2.00		2.00
Arsenic	< 1.00		1.00
Barium	15.9		5.00
Beryllium	< 1.00		1.00
Cadmium	< 3.00		3.00
Chromium	< 5.00		5.00



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Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-01

Matrix: Water Collected By: GK Date/Time Collected: 07/22/21 10:05

Metals by EPA 200 Series Methods ICP/MS

 Method:
 200.8
 Prepared:
 07/28/21 11:20

 Units:
 ug/L
 Analyzed:
 07/28/21 15:43

<u>Analyte</u>	Result	Qualifier	Reporting Limit
Cobalt	< 10.0		10.0
Copper	< 100		100
Lead	< 5.00		5.00
Manganese	< 15.0		15.0
Molybdenum	< 20.0		20.0
Nickel	< 25.0		25.0
Selenium	< 2.00		2.00
Silver	< 10.0		10.0
Thallium	< 2.00		2.00
Vanadium	< 5.00		5.00
Zinc	< 100		100



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Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Volatile Organic Compounds by GC/MS

 Method:
 524.3
 Prepared:
 07/23/21 08:00

 Units:
 ug/L
 Analyzed:
 07/23/21 14:26

<u>Analyte</u>	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
1,2,4-Trichlorobenzene	< 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		0.50
Xylenes, total	< 0.50		0.50



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Project/Facility Number: 20210355004 Date Received: 07/22/21

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Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 07/26/21 08:00

 Units:
 ug/L
 Analyzed:
 07/26/21 17:50

Analyte	Result	Qualifier	Reporting Limit
1,1,1,2-Tetrachloroethane	< 2.0		2.0
1,1,1-Trichloroethane	< 2.0		2.0
1,1,2,2-Tetrachloroethane	< 2.0		2.0
1,1,2-Trichloroethane	< 2.0		2.0
1,1-Dichloroethane	< 2.0		2.0
1,1-Dichloroethene	< 2.0		2.0
1,1-Dichloropropene	< 2.0		2.0
1,2,3-Trichloropropane	< 2.0		2.0
1,2-Dibromoethane	< 2.0		2.0
1,2-Dichloroethane	< 2.0		2.0
1,2-Dichloropropane	< 2.0		2.0
1,3-Dichloropropane	< 2.0		2.0
2,2-Dichloropropane	< 2.0		2.0
2-Butanone (MEK)	< 10		10
2-Hexanone (MBK)	< 5.0		5.0
4-Methyl-2-pentanone (MIBK)	< 10		10
Acetone	< 10		10
Benzene	< 2.0		2.0
Bromobenzene	< 2.0		2.0
Bromochloromethane	< 2.0		2.0
Bromodichloromethane	< 2.0		2.0
Bromoform	< 5.0		5.0
Bromomethane	< 5.0	O1	5.0



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Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 07/26/21 08:00

 Units:
 ug/L
 Analyzed:
 07/26/21 17:50

<u>Analyte</u>	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	4.3		2.0
Toluene	< 2.0		2.0
trans-1,2-Dichloroethene	< 2.0		2.0
trans-1,3-Dichloropropene	< 5.0		5.0
Trichloroethene	< 2.0		2.0
Trichlorofluoromethane	< 2.0		2.0
Vinyl chloride	< 2.0		2.0
Xylenes, total	< 2.0		2.0



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Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:54

<u>Analyte</u>	Result	Qualifier	Reporting Limit
1,2,4,5-Tetrachlorobenzene	< 1.5		1.5
1,2,4-Trichlorobenzene	< 1.5		1.5
1,2-Dichlorobenzene	< 1.5		1.5
1,2-Dinitrobenzene	< 1.5		1.5
1,3-Dichlorobenzene	< 1.5		1.5
1,3-Dinitrobenzene	< 5.0		5.0
1,4-Dichlorobenzene	< 1.5		1.5
1,4-Dinitrobenzene	< 5.0		5.0
1-Chloronaphthalene	< 1.5		1.5
1-Naphthylamine	< 5.0		5.0
2,2-Oxybis(1-chloropropane)	< 1.5		1.5
2,3,4,6-Tetrachlorophenol	< 1.5		1.5
2,4,5-Trichlorophenol	< 1.5		1.5
2,4,6-Trichlorophenol	< 1.5		1.5
2,4-Dichlorophenol	< 1.5		1.5
2,4-Dimethylphenol	< 1.5		1.5
2,4-Dinitrophenol	< 7.5		7.5
2,4-Dinitrotoluene	< 5.0		5.0
2,6-Dichlorophenol	< 1.5		1.5
2,6-Dinitrotoluene	< 1.5		1.5
2-Chloronaphthalene	< 1.5		1.5
2-Chlorophenol	< 1.5		1.5
2-Methylnaphthalene	< 1.5		1.5



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Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:54

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



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:54

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



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 07/23/21 10:52

 Units:
 ug/L
 Analyzed:
 07/26/21 13:54

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



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LABORATORY RESULTS

CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21
Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Semivolatiles by GC/MS

Method: 8270 Prepared: 07/23/21 10:52

Units: ug/L Analyzed: 07/26/21 13:54

Analyte Result Qualifier Reporting Limit

Pyridine < 1.5 1.5
Safrole < 1.5 1.5

Hexavalent Chromium

Method: 218.6 Prepared: 07/22/21 15:30

Units: ug/L Analyzed: 07/22/21 15:30

Analyte Result Qualifier Reporting Limit

Hexavalent Chromium <50.0 50.0

Mercury by EPA Method 245.1

Method: 245.1 Prepared: 07/26/21 15:25

Units: ug/L Analyzed: 07/27/21 10:09

Analyte Result Qualifier Reporting Limit

Mercury < 0.06 0.06



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LABORATORY RESULTS

Name: **CHEMTOOL**

G206

Project/Facility Number: 20210355004 Date Received: 07/22/21 CS29 B50 Funding Code: Temperature C: 7.00

Client Sample ID: Lab Sample ID:

Matrix: Water Collected By: Date/Time Collected: 07/22/21 10:45

Metals (Digested Drinking Water) by EPA 200 Series Methods ICP

200.7 Method: Prepared: 07/26/21 07:47 Units: ug/L Analyzed: 07/26/21 11:04

<u>Analyte</u>	Result	<u>Qualifier</u>	Reporting Limit
Boron	62.8		25.0
Calcium	89200		300
Hardness	395000		1980
Iron	< 200		200
Magnesium	41800		300
Potassium	1700		1400
Silica	17100		2500
Sodium	69900		1000
Strontium	59.9		10.0

Metals by EPA 200 Series Methods ICP/MS

Method: 200.8 Prepared: 07/28/21 11:20 Units: ug/L Analyzed: 07/28/21 15:52

<u>Analyte</u>	Result	Qualifier	Reporting Limit
Aluminum	< 100		100
Antimony	< 2.00		2.00
Arsenic	< 1.00		1.00
Barium	42.4		5.00
Beryllium	< 1.00		1.00
Cadmium	< 3.00		3.00
Chromium	< 5.00		5.00

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.

21G0918-02



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-02

Matrix: Water Collected By: SN Date/Time Collected: 07/22/21 10:45

Metals by EPA 200 Series Methods ICP/MS

 Method:
 200.8
 Prepared:
 07/28/21 11:20

 Units:
 ug/L
 Analyzed:
 07/28/21 15:52

<u>Analyte</u>	Result	Qualifier	Reporting Limit
Cobalt	< 10.0		10.0
Copper	< 100		100
Lead	< 5.00		5.00
Manganese	< 15.0		15.0
Molybdenum	< 20.0		20.0
Nickel	< 25.0		25.0
Selenium	< 2.00		2.00
Silver	< 10.0		10.0
Thallium	< 2.00		2.00
Vanadium	< 5.00		5.00
Zinc	< 100		100



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: TB2 Lab Sample ID: 21G0918-03

Matrix: Water Collected By: Date/Time Collected: 07/22/21 10:45

Volatile Organic Compounds by GC/MS

 Method:
 524.3
 Prepared:
 07/23/21 08:00

 Units:
 ug/L
 Analyzed:
 07/23/21 19:08

<u>Analyte</u>	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
1,2,4-Trichlorobenzene	< 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		0.50
Xylenes, total	< 0.50		0.50



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-03

Matrix: Water Collected By: Date/Time Collected: 07/22/21 10:45

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 07/26/21 08:00

 Units:
 ug/L
 Analyzed:
 07/27/21 14:30

<u>Analyte</u>	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	01	5.0



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Client Sample ID: Lab Sample ID: 21G0918-03

Matrix: Water Collected By: Date/Time Collected: 07/22/21 10:45

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 07/26/21 08:00

 Units:
 ug/L
 Analyzed:
 07/27/21 14:30

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



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00



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LABORATORY RESULTS

Name: CHEMTOOL

Project/Facility Number: 20210355004 Date Received: 07/22/21

Funding Code: CS29 B50 Temperature C: 7.00

Notes and Definitions

O1 Quality control sample failed high - possible high bias or false positive result.

ND Analyte NOT DETECTED at or above the reporting limit

* Non-NELAP accredited

Method 8270: There was insufficient amount of sample to perform a matrix spike duplicate analysis. NELAC and method requirements were not met.

Drinking Water Methods 200.7 and 200.8 were assigned to this work order for Metals analysis. No samples in this work order required a digestion to be performed based on turbidity.

Report Authorized by:

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

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