# Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

### Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| Method: | 524.3 | Prepared: | 07/23/21 08:00 |
| Units: | ug/L | Analyzed: | 07/23/21 17:10 |

| 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 |
| 1,2,4-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 |



**Reported:**
07/29/21 15:29

**Illinois Environmental Protection Agency Laboratory**
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## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

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

| | | | |
|---|---|---|---|
| Method: | 8260 | Prepared: | 07/26/21 08:00 |
| Units: | ug/L | Analyzed: | 07/27/21 11:18 |

| 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 | O1 | 5.0 |

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## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

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

| | | | |
|---|---|---|---|
| Method: | 8260 | Prepared: | 07/26/21 08:00 |
| Units: | ug/L | Analyzed: | 07/27/21 11:18 |

| 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:**
07/29/21 15:29

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## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

### Semivolatiles by GC/MS

| | | | |
|---|---|---|---|
| Method: | 8270 | Prepared: | 07/23/21 10:52 |
| Units: | ug/L | Analyzed: | 07/26/21 17:22 |

| Analyte | Result | Qualifier | Reporting Limit |
|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | < 1.5 | | 1.5 |
| 1,2,4-Trichlorobenzene | < 1.5 | | 1.5 |
| 1,2-Dichlorobenzene | < 1.5 | | 1.5 |
| 1,2-Dinitrobenzene | < 1.5 | | 1.5 |
| 1,3-Dichlorobenzene | < 1.5 | | 1.5 |
| 1,3-Dinitrobenzene | < 5.0 | | 5.0 |
| 1,4-Dichlorobenzene | < 1.5 | | 1.5 |
| 1,4-Dinitrobenzene | < 5.0 | | 5.0 |
| 1-Chloronaphthalene | < 1.5 | | 1.5 |
| 1-Naphthylamine | < 5.0 | | 5.0 |
| 2,2-Oxybis(1-chloropropane) | < 1.5 | | 1.5 |
| 2,3,4,6-Tetrachlorophenol | < 1.5 | | 1.5 |
| 2,4,5-Trichlorophenol | < 1.5 | | 1.5 |
| 2,4,6-Trichlorophenol | < 1.5 | | 1.5 |
| 2,4-Dichlorophenol | < 1.5 | | 1.5 |
| 2,4-Dimethylphenol | < 1.5 | | 1.5 |
| 2,4-Dinitrophenol | < 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: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

### Semivolatiles by GC/MS

| | | | |
|---|---|---|---|
| Method: | 8270 | Prepared: | 07/23/21 10:52 |
| Units: | ug/L | Analyzed: | 07/26/21 17:22 |

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

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## LABORATORY RESULTS

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|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

### Semivolatiles by GC/MS

| | | | |
|---|---|---|---|
| Method: | 8270 | Prepared: | 07/23/21 10:52 |
| Units: | ug/L | Analyzed: | 07/26/21 17:22 |

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

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## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

### Semivolatiles by GC/MS

| | | | |
|---|---|---|---|
| Method: | 8270 | Prepared: | 07/23/21 10:52 |
| Units: | ug/L | Analyzed: | 07/26/21 17:22 |

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

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## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

### Semivolatiles by GC/MS

| | | | |
|---|---|---|---|
| Method: | 8270 | Prepared: | 07/23/21 10:52 |
| Units: | ug/L | Analyzed: | 07/26/21 17:22 |

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

### Hexavalent Chromium

| | | | |
|---|---|---|---|
| Method: | 218.6 | Prepared: | 07/23/21 08:45 |
| Units: | ug/L | Analyzed: | 07/23/21 08:45 |

| 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 10:30 |

| Analyte | Result | Qualifier | Reporting Limit |
|---|---|---|---|
| Mercury | < 0.06 | | 0.06 |

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## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

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

| | | | |
|---|---|---|---|
| Method: | 200.7 | Prepared: | 07/26/21 07:47 |
| Units: | ug/L | Analyzed: | 07/26/21 11:32 |

| Analyte | Result | Qualifier | Reporting Limit |
|---|---|---|---|
| **Boron** | **47.5** | | 25.0 |
| **Calcium** | **112000** | | 300 |
| **Hardness** | **475000** | | 1980 |
| Iron | < 200 | | 200 |
| **Magnesium** | **47800** | | 300 |
| **Potassium** | **1690** | | 1400 |
| **Silica** | **19100** | | 2500 |
| **Sodium** | **129000** | | 1000 |
| **Strontium** | **88.1** | | 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 16:28 |

| Analyte | Result | Qualifier | Reporting Limit |
|---|---|---|---|
| Aluminum | < 100 | | 100 |
| Antimony | < 2.00 | | 2.00 |
| Arsenic | < 1.00 | | 1.00 |
| **Barium** | **34.8** | | 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.*

**Reported:**
07/29/21 15:29

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

## LABORATORY RESULTS

| | | | | | |
|---|---|---|---|---|---|
| Name: | **CHEMTOOL** | | | | |
| Project/Facility Number: | 2010355004 | | | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | | | Temperature C: | 1.00 |
| Client Sample ID: | **G207** | | | Lab Sample ID: | **21G0929-01** |
| Matrix: | Water | Collected By: | SN | Date/Time Collected: | 07/22/21 12:30 |

### Metals by EPA 200 Series Methods ICP/MS

| | | | |
|---|---|---|---|
| Method: | 200.8 | Prepared: | 07/28/21 11:20 |
| Units: | ug/L | Analyzed: | 07/28/21 16:28 |

| Analyte | 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: | 2010355004 | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | Temperature C: | 1.00 |
| Client Sample ID: | **TB5** | Lab Sample ID: | **21G0929-02** |
| Matrix: | Water | Collected By: | Date/Time Collected: 07/22/21 0:00 |

### Volatile Organic Compounds by GC/MS

| | | | |
|---|---|---|---|
| Method: | 524.3 | Prepared: | 07/23/21 08:00 |
| Units: | ug/L | Analyzed: | 07/23/21 20:18 |

| 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 |
| 1,2,4-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: | 2010355004 | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | Temperature C: | 1.00 |
| Client Sample ID: | **TB5** | Lab Sample ID: | **21G0929-02** |
| Matrix: | Water | Collected By: | Date/Time Collected: 07/22/21 0:00 |

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

| | | | |
|---|---|---|---|
| Method: | 8260 | Prepared: | 07/26/21 08:00 |
| Units: | ug/L | Analyzed: | 07/27/21 15:38 |

| 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 |

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

## LABORATORY RESULTS

| | | | |
|---|---|---|---|
| Name: | **CHEMTOOL** | | |
| Project/Facility Number: | 2010355004 | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | Temperature C: | 1.00 |
| Client Sample ID: | **TB5** | Lab Sample ID: | **21G0929-02** |
| Matrix: | Water Collected By: | Date/Time Collected: | 07/22/21 0:00 |

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

| | | | |
|---|---|---|---|
| Method: | 8260 | Prepared: | 07/26/21 08:00 |
| Units: | ug/L | Analyzed: | 07/27/21 15:38 |

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

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## LABORATORY RESULTS

| | | | |
|---|---|---|---|
| Name: | **CHEMTOOL** | | |
| Project/Facility Number: | 2010355004 | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | Temperature C: | 1.00 |

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## LABORATORY RESULTS

| | | | |
|---|---|---|---|
| Name: | **CHEMTOOL** | | |
| Project/Facility Number: | 2010355004 | Date Received : | 07/22/21 |
| Funding Code: | CS29 B50 | Temperature C: | 1.00 |

### 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.*

**Reported:**
07/29/21 15:29