

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2011
Issued April 07, 2010

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. MICHAEL H. LEFTIN
INTEGRATED ANALYTICAL LABS
273 FRANKLIN ROAD
RANDOLPH, NJ 07869

NY Lab Id No: 11402
EPA Lab Code: NJ00438

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene EPA TO-15
Hexachlorobutadiene EPA TO-15

Purgeable Aromatics

1,2,4-Trimethylbenzene EPA TO-15
1,2-Dichlorobenzene EPA TO-15
1,3,5-Trimethylbenzene EPA TO-15
1,3-Dichlorobenzene EPA TO-15
1,4-Dichlorobenzene EPA TO-15
Benzene EPA TO-15
Chlorobenzene EPA TO-15
Ethyl benzene EPA TO-15
m/p-Xylenes EPA TO-15
o-Xylene EPA TO-15
Styrene EPA TO-15
Toluene EPA TO-15
Total Xylenes EPA TO-15

Purgeable Halocarbons

1,1,1-Trichloroethane EPA TO-15
1,1,2,2-Tetrachloroethane EPA TO-15
1,1,2-Trichloroethane EPA TO-15
1,1,2-Trifluoro-1,2,2-Trichloroethane EPA TO-15
1,1-Dichloroethane EPA TO-15
1,1-Dichloroethene EPA TO-15
1,2-Dibromoethane EPA TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane EPA TO-15
1,2-Dichloroethane EPA TO-15
1,2-Dichloropropane EPA TO-15

Purgeable Halocarbons

Bromodichloromethane EPA TO-15
Bromoform EPA TO-15
Bromomethane EPA TO-15
Carbon tetrachloride EPA TO-15
Chloroethane EPA TO-15
Chloroform EPA TO-15
Chloromethane EPA TO-15
cis-1,2-Dichloroethene EPA TO-15
cis-1,3-Dichloropropene EPA TO-15
Dibromochloromethane EPA TO-15
Dichlorodifluoromethane EPA TO-15
Methylene chloride EPA TO-15
Tetrachloroethene EPA TO-15
trans-1,2-Dichloroethene EPA TO-15
trans-1,3-Dichloropropene EPA TO-15
Trichloroethene EPA TO-15
Trichlorofluoromethane EPA TO-15
Vinyl bromide EPA TO-15
Vinyl chloride EPA TO-15

Volatile Chlorinated Organics

Benzyl chloride EPA TO-15

Volatile Organics

1,3-Butadiene EPA TO-15
1,4-Dioxane EPA TO-15
2,2,4-Trimethylpentane EPA TO-15
2-Butanone (Methylethyl ketone) EPA TO-15
4-Methyl-2-Pentanone EPA TO-15

Serial No.: 42295

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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Volatile Organics

| | |
|-------------------------|-----------|
| Acetone | EPA TO-15 |
| Carbon Disulfide | EPA TO-15 |
| Cyclohexane | EPA TO-15 |
| Hexane | EPA TO-15 |
| Methyl tert-butyl ether | EPA TO-15 |
| n-Heptane | EPA TO-15 |
| tert-butyl alcohol | EPA TO-15 |
| Vinyl acetate | EPA TO-15 |

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*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Polynuclear Aromatic Hydrocarbons

Chrysene

EPA 8270C

Serial No.: 42294

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All approved analytes are listed below:

Acrylates

Acrolein (Propenal) EPA 8260B
Acrylonitrile EPA 8260B

Amines

2-Nitroaniline EPA 8270C
3-Nitroaniline EPA 8270C
4-Chloroaniline EPA 8270C
4-Nitroaniline EPA 8270C
Carbazole EPA 8270C
Diphenylamine EPA 8270C

Benzidines

3,3'-Dichlorobenzidine EPA 8270C

Characteristic Testing

Corrosivity EPA 9040B
Ignitability EPA 1010
EPA 1030

Chlorinated Hydrocarbon Pesticides

4,4'-DDD EPA 8081A
4,4'-DDE EPA 8081A
4,4'-DDT EPA 8081A
Aldrin EPA 8081A
alpha-BHC EPA 8081A
alpha-Chlordane EPA 8081A
beta-BHC EPA 8081A
Chlordane Total EPA 8081A
delta-BHC EPA 8081A
Dieldrin EPA 8081A

Chlorinated Hydrocarbon Pesticides

Endosulfan I EPA 8081A
Endosulfan II EPA 8081A
Endosulfan sulfate EPA 8081A
Endrin EPA 8081A
Endrin aldehyde EPA 8081A
Endrin Ketone EPA 8081A
gamma-Chlordane EPA 8081A
Heptachlor EPA 8081A
Heptachlor epoxide EPA 8081A
Lindane EPA 8081A
Methoxychlor EPA 8081A
Toxaphene EPA 8081A

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene EPA 8260B
EPA 8270C
2-Chloronaphthalene EPA 8270C
Hexachlorobenzene EPA 8270C
Hexachlorobutadiene EPA 8260B
EPA 8270C
Hexachlorocyclopentadiene EPA 8270C
Hexachloroethane EPA 8270C

Chlorophenoxy Acid Pesticides

2,4,5-T EPA 8151A
2,4,5-TP (Silvex) EPA 8151A
2,4-D EPA 8151A
Dalapon EPA 8151A
Dicamba EPA 8151A

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Chlorophenoxy Acid Pesticides

Dinoseb EPA 8151A

Haloethers

4-Bromophenylphenyl ether EPA 8270C
4-Chlorophenylphenyl ether EPA 8270C
Bis(2-chloroisopropyl) ether EPA 8270C
Bis(2-chloroethoxy)methane EPA 8270C
Bis(2-chloroethyl)ether EPA 8270C

Metals I

Barium, Total EPA 6020
Cadmium, Total EPA 6020
Chromium, Total EPA 6020
Copper, Total EPA 6020
Lead, Total EPA 6020
Manganese, Total EPA 6020
Nickel, Total EPA 6020
Silver, Total EPA 6020

Metals II

Aluminum, Total EPA 6020
Antimony, Total EPA 6020
Arsenic, Total EPA 6020
Beryllium, Total EPA 6020
Chromium VI EPA 7196A
Mercury, Total EPA 7471A
Selenium, Total EPA 6020
Vanadium, Total EPA 6020
Zinc, Total EPA 6020

Metals III

Cobalt, Total EPA 6020
Molybdenum, Total EPA 6020
Thallium, Total EPA 6020

Miscellaneous

Cyanide, Total EPA 9012A
EPA 9014
Extractable Organic Halides EPA 9023
Hydrogen Ion (pH) EPA 9040B
Phenols EPA 9065
Sulfide (as S) EPA 9034

Nitroaromatics and Isophorone

2,4-Dinitrotoluene EPA 8270C
2,6-Dinitrotoluene EPA 8270C
Isophorone EPA 8270C
Nitrobenzene EPA 8270C
Pyridine EPA 8270C

Nitrosoamines

N-Nitrosodiphenylamine EPA 8270C

Petroleum Hydrocarbons

Diesel Range Organics EPA 8015 B
Gasoline Range Organics EPA 8015 B

Phthalate Esters

Benzyl butyl phthalate EPA 8270C
Bis(2-ethylhexyl) phthalate EPA 8270C
Diethyl phthalate EPA 8270C

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Phthalate Esters

| | |
|----------------------|-----------|
| Dimethyl phthalate | EPA 8270C |
| Di-n-butyl phthalate | EPA 8270C |
| Di-n-octyl phthalate | EPA 8270C |

Polychlorinated Biphenyls

| | |
|----------|----------|
| PCB-1016 | EPA 8082 |
| PCB-1221 | EPA 8082 |
| PCB-1232 | EPA 8082 |
| PCB-1242 | EPA 8082 |
| PCB-1248 | EPA 8082 |
| PCB-1254 | EPA 8082 |
| PCB-1260 | EPA 8082 |

Polynuclear Aromatic Hydrocarbons

| | |
|------------------------|-----------|
| Acenaphthene | EPA 8270C |
| Acenaphthylene | EPA 8270C |
| Anthracene | EPA 8270C |
| Benzo(a)anthracene | EPA 8270C |
| Benzo(a)pyrene | EPA 8270C |
| Benzo(b)fluoranthene | EPA 8270C |
| Benzo(ghi)perylene | EPA 8270C |
| Benzo(k)fluoranthene | EPA 8270C |
| Dibenzo(a,h)anthracene | EPA 8270C |
| Fluoranthene | EPA 8270C |
| Fluorene | EPA 8270C |
| Indeno(1,2,3-cd)pyrene | EPA 8270C |
| Naphthalene | EPA 8260B |
| | EPA 8270C |
| Phenanthrene | EPA 8270C |

Polynuclear Aromatic Hydrocarbons

| | |
|--------|-----------|
| Pyrene | EPA 8270C |
|--------|-----------|

Priority Pollutant Phenols

| | |
|----------------------------|-----------|
| 2,4,5-Trichlorophenol | EPA 8270C |
| 2,4,6-Trichlorophenol | EPA 8270C |
| 2,4-Dichlorophenol | EPA 8270C |
| 2,4-Dimethylphenol | EPA 8270C |
| 2,4-Dinitrophenol | EPA 8270C |
| 2-Chlorophenol | EPA 8270C |
| 2-Methyl-4,6-dinitrophenol | EPA 8270C |
| 2-Methylphenol | EPA 8270C |
| 2-Nitrophenol | EPA 8270C |
| 3-Methylphenol | EPA 8270C |
| 4-Chloro-3-methylphenol | EPA 8270C |
| 4-Nitrophenol | EPA 8270C |
| Pentachlorophenol | EPA 8270C |
| Phenol | EPA 8270C |

Purgeable Aromatics

| | |
|---------------------|-----------|
| 1,2-Dichlorobenzene | EPA 8260B |
| 1,3-Dichlorobenzene | EPA 8260B |
| 1,4-Dichlorobenzene | EPA 8260B |
| | EPA 8270C |
| Benzene | EPA 8260B |
| Chlorobenzene | EPA 8260B |
| Ethyl benzene | EPA 8260B |
| Styrene | EPA 8260B |
| Toluene | EPA 8260B |
| Total Xylenes | EPA 8260B |

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Purgeable Halocarbons

| | |
|---------------------------|-----------|
| 1,1,1,2-Tetrachloroethane | EPA 8260B |
| 1,1,1-Trichloroethane | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | EPA 8260B |
| 1,1,2-Trichloroethane | EPA 8260B |
| 1,1-Dichloroethane | EPA 8260B |
| 1,1-Dichloroethene | EPA 8260B |
| 1,2-Dichloroethane | EPA 8260B |
| 1,2-Dichloropropane | EPA 8260B |
| 2-Chloroethylvinyl ether | EPA 8260B |
| Bromochloromethane | EPA 8260B |
| Bromodichloromethane | EPA 8260B |
| Bromoform | EPA 8260B |
| Bromomethane | EPA 8260B |
| Carbon tetrachloride | EPA 8260B |
| Chloroethane | EPA 8260B |
| Chloroform | EPA 8260B |
| Chloromethane | EPA 8260B |
| cis-1,2-Dichloroethene | EPA 8260B |
| cis-1,3-Dichloropropene | EPA 8260B |
| Dibromochloromethane | EPA 8260B |
| Dichlorodifluoromethane | EPA 8260B |
| Methylene chloride | EPA 8260B |
| Tetrachloroethene | EPA 8260B |
| trans-1,2-Dichloroethene | EPA 8260B |
| trans-1,3-Dichloropropene | EPA 8260B |
| Trichloroethene | EPA 8260B |
| Trichlorofluoromethane | EPA 8260B |
| Vinyl chloride | EPA 8260B |

Purgeable Organics

| | |
|---------------------------------|------------|
| 2-Butanone (Methylethyl ketone) | EPA 8260B |
| 2-Hexanone | EPA 8260B |
| 4-Methyl-2-Pentanone | EPA 8260B |
| Acetone | EPA 8260B |
| Carbon Disulfide | EPA 8260B |
| Isobutyl alcohol | EPA 8015 B |
| Methyl tert-butyl ether | EPA 8260B |

Semi-Volatile Organics

| | |
|--------------|-----------|
| Dibenzofuran | EPA 8270C |
|--------------|-----------|

Sample Preparation Methods

| |
|-----------|
| EPA 1310 |
| EPA 1311 |
| EPA 3050B |
| EPA 3060A |
| EPA 3540C |
| EPA 3545 |
| EPA 3550B |
| EPA 3580 |
| EPA 5035 |
| EPA 9010B |

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ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:*

Disinfection By-products

Free Residual Chlorine SM 18-21 4500-Cl G (00)
Total Residual Chlorine SM 18-21 4500-Cl G (00)

Drinking Water Metals III

Magnesium, Total EPA 200.7 Rev. 4.4
Sodium, Total EPA 200.7 Rev. 4.4

Drinking Water Bacteriology

Coliform, Total / E. coli (Qualitative) Colisure
SM18-21 9222B(97)/40CFR141.21(S)
Standard Plate Count SM 18-21 9215B

Drinking Water Miscellaneous

Odor SM 18-20 2150B (97)
Surfactant (MBAS) SM 18-21 5540C (00)
Temperature SM 18-21 2550B (00)
Turbidity EPA 180.1 Rev. 2.0

Drinking Water Metals I

Arsenic, Total EPA 200.8 Rev. 5.4
Barium, Total EPA 200.8 Rev. 5.4
Cadmium, Total EPA 200.8 Rev. 5.4
Chromium, Total EPA 200.8 Rev. 5.4
Copper, Total EPA 200.8 Rev. 5.4
Iron, Total EPA 200.7 Rev. 4.4
Lead, Total EPA 200.8 Rev. 5.4
Manganese, Total EPA 200.8 Rev. 5.4
Mercury, Total EPA 245.1 Rev. 3.0
Selenium, Total EPA 200.8 Rev. 5.4
Silver, Total EPA 200.8 Rev. 5.4
Zinc, Total EPA 200.8 Rev. 5.4

Drinking Water Non-Metals

Alkalinity SM 18-21 2320B (97)
Calcium Hardness EPA 200.7 Rev. 4.4
Color SM 18-21 2120B (01)
Cyanide, Free EPA 335.4 Rev. 1.0
Fluoride, Total SM 18-21 4500-F C (97)
Nitrate (as N) SM 18-21 4500-NO3 F (00)
Nitrite (as N) SM 18-21 4500-NO3 F (00)
Solids, Total Dissolved SM 18-21 2540C (97)
Specific Conductance SM 18-21 2510B (97)

Drinking Water Metals II

Antimony, Total EPA 200.8 Rev. 5.4
Beryllium, Total EPA 200.8 Rev. 5.4
Nickel, Total EPA 200.8 Rev. 5.4
Thallium, Total EPA 200.8 Rev. 5.4

Drinking Water Trihalomethanes

Bromodichloromethane EPA 524.2
Bromoform EPA 524.2
Chloroform EPA 524.2
Dibromochloromethane EPA 524.2

Fuel Additives

Methyl tert-butyl ether EPA 524.2

Drinking Water Metals III

Calcium, Total EPA 200.7 Rev. 4.4

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Volatile Aromatics

| | |
|-------------------------------|-----------|
| 1,2,3-Trichlorobenzene | EPA 524.2 |
| 1,2,4-Trichlorobenzene | EPA 524.2 |
| 1,2,4-Trimethylbenzene | EPA 524.2 |
| 1,2-Dichlorobenzene | EPA 524.2 |
| 1,3,5-Trimethylbenzene | EPA 524.2 |
| 1,3-Dichlorobenzene | EPA 524.2 |
| 1,4-Dichlorobenzene | EPA 524.2 |
| 2-Chlorotoluene | EPA 524.2 |
| 4-Chlorotoluene | EPA 524.2 |
| Benzene | EPA 524.2 |
| Bromobenzene | EPA 524.2 |
| Chlorobenzene | EPA 524.2 |
| Ethyl benzene | EPA 524.2 |
| Hexachlorobutadiene | EPA 524.2 |
| Isopropylbenzene | EPA 524.2 |
| n-Butylbenzene | EPA 524.2 |
| n-Propylbenzene | EPA 524.2 |
| p-Isopropyltoluene (P-Cymene) | EPA 524.2 |
| sec-Butylbenzene | EPA 524.2 |
| Styrene | EPA 524.2 |
| tert-Butylbenzene | EPA 524.2 |
| Toluene | EPA 524.2 |
| Total Xylenes | EPA 524.2 |

Volatile Halocarbons

| | |
|---------------------------|-----------|
| 1,1-Dichloroethane | EPA 524.2 |
| 1,1-Dichloroethene | EPA 524.2 |
| 1,1-Dichloropropene | EPA 524.2 |
| 1,2,3-Trichloropropane | EPA 524.2 |
| 1,2-Dichloroethane | EPA 524.2 |
| 1,2-Dichloropropane | EPA 524.2 |
| 1,3-Dichloropropane | EPA 524.2 |
| 2,2-Dichloropropane | EPA 524.2 |
| Bromochloromethane | EPA 524.2 |
| Bromomethane | EPA 524.2 |
| Carbon tetrachloride | EPA 524.2 |
| Chloroethane | EPA 524.2 |
| Chloromethane | EPA 524.2 |
| cis-1,2-Dichloroethene | EPA 524.2 |
| cis-1,3-Dichloropropene | EPA 524.2 |
| Dibromomethane | EPA 524.2 |
| Dichlorodifluoromethane | EPA 524.2 |
| Methylene chloride | EPA 524.2 |
| Tetrachloroethene | EPA 524.2 |
| trans-1,2-Dichloroethene | EPA 524.2 |
| trans-1,3-Dichloropropene | EPA 524.2 |
| Trichloroethene | EPA 524.2 |
| Trichlorofluoromethane | EPA 524.2 |
| Vinyl chloride | EPA 524.2 |

Volatile Halocarbons

| | |
|---------------------------|-----------|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 |
| 1,1,1-Trichloroethane | EPA 524.2 |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 |
| 1,1,2-Trichloroethane | EPA 524.2 |

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
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Acrylates

Acrolein (Propenal) EPA 624
Acrylonitrile EPA 624

Amines

Pyridine EPA 625

Bacteriology

Coliform, Fecal SM 18-20 9221E (99)
SM 18-20 9222D (97)
Coliform, Total SM 18-20 9221B (99)
SM 18-20 9222B (97)
E. coli (Enumeration) EPA 1103.1
Standard Plate Count SM 18-21 9215B

Benzidines

3,3'-Dichlorobenzidine EPA 625
Benzidine EPA 625

Chlorinated Hydrocarbon Pesticides

4,4'-DDD EPA 608
4,4'-DDE EPA 608
4,4'-DDT EPA 608
Aldrin EPA 608
alpha-BHC EPA 608
beta-BHC EPA 608
Chlordane Total EPA 608
delta-BHC EPA 608
Dieldrin EPA 608
Endosulfan I EPA 608
Endosulfan II EPA 608

Chlorinated Hydrocarbon Pesticides

Endosulfan sulfate EPA 608
Endrin EPA 608
Endrin aldehyde EPA 608
Heptachlor EPA 608
Heptachlor epoxide EPA 608
Lindane EPA 608
Methoxychlor EPA 608
SM 18-20 6630B
SM 18-20 6630C
Toxaphene EPA 608

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene EPA 625
2-Chloronaphthalene EPA 625
Hexachlorobenzene EPA 625
EPA 8270C
Hexachlorobutadiene EPA 625
Hexachlorocyclopentadiene EPA 625
Hexachloroethane EPA 625

Chlorophenoxy Acid Pesticides

2,4,5-T SM 18-20 6640B
2,4,5-TP (Silvex) SM 18-20 6640B
2,4-D SM 18-20 6640B

Demand

Biochemical Oxygen Demand SM 18-20 5210B (01)
Carbonaceous BOD SM 18-20 5210B (01)
Chemical Oxygen Demand HACH 8000

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NELAP Recognized

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.**



Expires 12:01 AM April 01, 2011
Issued April 07, 2010

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. MICHAEL H. LEFTIN
INTEGRATED ANALYTICAL LABS
273 FRANKLIN ROAD
RANDOLPH, NJ 07869

NY Lab Id No: 11402
EPA Lab Code: NJ00438

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Haloethers

| | |
|-------------------------------|---------|
| 4-Bromophenylphenyl ether | EPA 625 |
| 4-Chlorophenylphenyl ether | EPA 625 |
| Bis (2-chloroisopropyl) ether | EPA 625 |
| Bis(2-chloroethoxy)methane | EPA 625 |
| Bis(2-chloroethyl)ether | EPA 625 |

Low Level Polynuclear Aromatics

| | |
|------------------------|-----------|
| Benzo(a)anthracene | EPA 8270C |
| Benzo(a)pyrene | EPA 8270C |
| Benzo(b)fluoranthene | EPA 8270C |
| Benzo(k)fluoroanthene | EPA 8270C |
| Indeno(1,2,3-cd)pyrene | EPA 8270C |

Mineral

| | |
|-----------------|--------------------------|
| Acidity | SM 18-20 2310B.4a (97) |
| Alkalinity | SM 18-21 2320B (97) |
| Chloride | SM 18-20 4500-Cl- C |
| | SM 18-20 4500-Cl- E (97) |
| Fluoride, Total | SM 18-21 4500-F C (97) |
| Hardness, Total | SM 18-20 2340B (97) |
| | SM 18-20 2340C (97) |

Nitroaromatics and Isophorone

| | |
|--------------------|---------|
| 2,4-Dinitrotoluene | EPA 625 |
| 2,6-Dinitrotoluene | EPA 625 |
| Isophorone | EPA 625 |
| Nitrobenzene | EPA 625 |

Nitrosoamines

| | |
|------------------------|---------|
| N-Nitrosodimethylamine | EPA 625 |
|------------------------|---------|

Nitrosoamines

| | |
|------------------------|---------|
| N-Nitrosodiphenylamine | EPA 625 |
|------------------------|---------|

Nutrient

| | |
|--------------------------|--------------------------|
| Ammonia (as N) | SM 19-20 4500 NH3-C (97) |
| | SM 19-20 4500-NH3 G (97) |
| Kjeldahl Nitrogen, Total | EPA 351.2 Rev. 2.0 |
| Nitrate (as N) | SM 18-21 4500-NO3 F (00) |
| Nitrite (as N) | SM 18-21 4500-NO2 B (00) |
| | USGS I-4540-85 |
| Orthophosphate (as P) | SM 18-21 4500-P E |

Phthalate Esters

| | |
|-----------------------------|---------|
| Benzyl butyl phthalate | EPA 625 |
| Bis(2-ethylhexyl) phthalate | EPA 625 |
| Diethyl phthalate | EPA 625 |
| Dimethyl phthalate | EPA 625 |
| Di-n-butyl phthalate | EPA 625 |
| Di-n-octyl phthalate | EPA 625 |

Polychlorinated Biphenyls

| | |
|----------|---------|
| PCB-1016 | EPA 608 |
| PCB-1221 | EPA 608 |
| PCB-1232 | EPA 608 |
| PCB-1242 | EPA 608 |
| PCB-1248 | EPA 608 |
| PCB-1254 | EPA 608 |
| PCB-1260 | EPA 608 |

Polynuclear Aromatics

| | |
|--------------|---------|
| Acenaphthene | EPA 625 |
|--------------|---------|

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Polynuclear Aromatics

| | |
|------------------------|-----------|
| Acenaphthylene | EPA 625 |
| Anthracene | EPA 625 |
| Benzo(a)anthracene | EPA 625 |
| | EPA 8270C |
| Benzo(a)pyrene | EPA 625 |
| | EPA 8270C |
| Benzo(b)fluoranthene | EPA 625 |
| | EPA 8270C |
| Benzo(ghi)perylene | EPA 625 |
| Benzo(k)fluoranthene | EPA 625 |
| | EPA 8270C |
| Chrysene | EPA 625 |
| Dibenzo(a,h)anthracene | EPA 625 |
| | EPA 8270C |
| Fluoranthene | EPA 625 |
| Fluorene | EPA 625 |
| Indeno(1,2,3-cd)pyrene | EPA 625 |
| | EPA 8270C |
| Naphthalene | EPA 625 |
| Phenanthrene | EPA 625 |
| Pyrene | EPA 625 |

Priority Pollutant Phenols

| | |
|-----------------------|---------|
| 2,4,5-Trichlorophenol | EPA 625 |
| 2,4,6-Trichlorophenol | EPA 625 |
| 2,4-Dichlorophenol | EPA 625 |
| 2,4-Dimethylphenol | EPA 625 |
| 2,4-Dinitrophenol | EPA 625 |
| 2-Chlorophenol | EPA 625 |

Priority Pollutant Phenols

| | |
|----------------------------|---------|
| 2-Methyl-4,6-dinitrophenol | EPA 625 |
| 2-Nitrophenol | EPA 625 |
| 4-Chloro-3-methylphenol | EPA 625 |
| 4-Nitrophenol | EPA 625 |
| Pentachlorophenol | EPA 625 |
| Phenol | EPA 625 |

Purgeable Aromatics

| | |
|---------------------|---------|
| 1,2-Dichlorobenzene | EPA 624 |
| 1,3-Dichlorobenzene | EPA 624 |
| 1,4-Dichlorobenzene | EPA 624 |
| Benzene | EPA 624 |
| Chlorobenzene | EPA 624 |
| Ethyl benzene | EPA 624 |
| Styrene | EPA 624 |
| Toluene | EPA 624 |
| Total Xylenes | EPA 624 |

Purgeable Halocarbons

| | |
|---------------------------|---------|
| 1,1,1-Trichloroethane | EPA 624 |
| 1,1,2,2-Tetrachloroethane | EPA 624 |
| 1,1,2-Trichloroethane | EPA 624 |
| 1,1-Dichloroethane | EPA 624 |
| 1,1-Dichloroethene | EPA 624 |
| 1,2-Dichloroethane | EPA 624 |
| 1,2-Dichloropropane | EPA 624 |
| 2-Chloroethylvinyl ether | EPA 624 |
| Bromodichloromethane | EPA 624 |
| Bromoform | EPA 624 |

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Purgeable Halocarbons

| | |
|---------------------------|---------|
| Bromomethane | EPA 624 |
| Carbon tetrachloride | EPA 624 |
| Chloroethane | EPA 624 |
| Chloroform | EPA 624 |
| Chloromethane | EPA 624 |
| cis-1,3-Dichloropropene | EPA 624 |
| Dibromochloromethane | EPA 624 |
| Dichlorodifluoromethane | EPA 624 |
| Methylene chloride | EPA 624 |
| Tetrachloroethene | EPA 624 |
| trans-1,3-Dichloropropene | EPA 624 |
| Trichloroethene | EPA 624 |
| Trichlorofluoromethane | EPA 624 |
| Vinyl chloride | EPA 624 |

Residue

| | |
|-------------------------|---------------------|
| Settleable Solids | SM 18-20 2540 F |
| Solids, Total | SM 18-20 2540B (97) |
| Solids, Total Dissolved | SM 18-21 2540C (97) |
| Solids, Total Suspended | SM 18-20 2540D (97) |

Wastewater Metals I

| | |
|-----------------|--------------------|
| Barium, Total | EPA 200.8 Rev. 5.4 |
| Cadmium, Total | EPA 200.8 Rev. 5.4 |
| Calcium, Total | EPA 200.7 Rev. 4.4 |
| Chromium, Total | EPA 200.8 Rev. 5.4 |
| Copper, Total | EPA 200.8 Rev. 5.4 |
| Iron, Total | EPA 200.7 Rev. 4.4 |
| Lead, Total | EPA 200.8 Rev. 5.4 |

Wastewater Metals I

| | |
|------------------|--------------------|
| Magnesium, Total | EPA 200.7 Rev. 4.4 |
| Manganese, Total | EPA 200.8 Rev. 5.4 |
| Nickel, Total | EPA 200.8 Rev. 5.4 |
| Potassium, Total | EPA 200.7 Rev. 4.4 |
| Silver, Total | EPA 200.8 Rev. 5.4 |
| Sodium, Total | EPA 200.7 Rev. 4.4 |

Wastewater Metals II

| | |
|------------------|--------------------|
| Aluminum, Total | EPA 200.8 Rev. 5.4 |
| Antimony, Total | EPA 200.8 Rev. 5.4 |
| Arsenic, Total | EPA 200.8 Rev. 5.4 |
| Beryllium, Total | EPA 200.8 Rev. 5.4 |
| Chromium VI | SM 18-19 3500-Cr D |
| Mercury, Total | EPA 245.1 Rev. 3.0 |
| Selenium, Total | EPA 200.8 Rev. 5.4 |
| Vanadium, Total | EPA 200.8 Rev. 5.4 |
| Zinc, Total | EPA 200.8 Rev. 5.4 |

Wastewater Metals III

| | |
|-------------------|--------------------|
| Cobalt, Total | EPA 200.8 Rev. 5.4 |
| Molybdenum, Total | EPA 200.8 Rev. 5.4 |
| Thallium, Total | EPA 200.8 Rev. 5.4 |
| Tin, Total | EPA 200.7 Rev. 4.4 |

Wastewater Miscellaneous

| | |
|----------------|--|
| Boron, Total | EPA 200.7 Rev. 4.4 |
| Bromide | USGS I-1125-85 |
| Color | SM 18-21 2120B (01) |
| Cyanide, Total | SM 18-21 4500-CN E (99) SM 18-21 4500-CN G (99) |

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Wastewater Miscellaneous

| | |
|--------------------------------------|---|
| Hydrogen Ion (pH) | SM 18-21 4500-H B (00) |
| Oil & Grease Total Recoverable (HEM) | EPA 1664A |
| Organic Carbon, Total | SM 18-21 5310B (00) SM 18-21 5310C (00) SM 18-21 5310D (00) |
| Phenols | EPA 420.1 Rev. 1978 EPA 9066 |
| Silica, Dissolved | EPA 200.7 Rev. 4.4 |
| Specific Conductance | EPA 120.1 Rev. 1982 SM 18-21 2510B (97) |
| Sulfide (as S) | SM 18 4500-S E SM 19-20 4500-S F (00) |
| Surfactant (MBAS) | SM 18-21 5540C (00) |
| Temperature | SM 18-21 2550B (00) |
| Total Residual Chlorine | SM 18-21 4500-CI G (00) |
| Turbidity | EPA 180.1 Rev. 2.0 SM 18-21 2130 B (01) |

Sample Preparation Methods

- EPA 3005A
- EPA 3010A
- EPA 3020A
- EPA 3510C
- EPA 3520C
- EPA 5030B
- SM 18-20 4500-CN C
- SM 18-20 4500-NH3 B (97)
- SM 18-20 4500-P b.5
- SM 18-21 4500-F B (97)

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