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

Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. MERLE SHOCKEY
USGS NATIONAL WATER QUALITY LABORATORY
MS 407-BLDG 95-DENVER FED CTR
DENVER, CO 80225-0046

NY Lab Id No: 11642
EPA Lab Code: CO00009

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:

Chlorinated Hydrocarbon Pesticides

4,4'-DDE	USGS O-1126-95
alpha-BHC	USGS O-1126-95

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene	USGS O-3116-87
2-Chloronaphthalene	USGS O-3116-87
Hexachlorobenzene	USGS O-3116-87

Chlorophenoxy Acid Pesticides

2,4-D	USGS O-2060-01
Dicamba	USGS O-2060-01

Demand

Chemical Oxygen Demand	USGS I-3561-85

Haloethers

4-Bromophenylphenyl ether	USGS O-3116-87
4-Chlorophenylphenyl ether	USGS O-3116-87
Bis (2-chloroisopropyl) ether	USGS O-3116-87
Bis(2-chloroethoxy)methane	USGS O-3116-87
Bis(2-chloroethyl)ether	USGS O-3116-87

Mineral

Chloride	USGS I-2057-85
Sulfate (as SO4)	USGS I-2057-85

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	USGS O-3116-87
2,6-Dinitrotoluene	USGS O-3116-87
Isophorone	USGS O-3116-87
Nitrobenzene	USGS O-3116-87

Nitrosoamines

N-Nitrosodimethylamine	USGS O-3116-87
N-Nitrosodi-n-propylamine	USGS O-3116-87

Nutrient

Ammonia (as N)	USGS I-2522-90
Kjeldahl Nitrogen, Total	USGS I-4515-91
Nitrate (as N)	USGS I-2545-90
Orthophosphate (as P)	USGS I-2601-90
Phosphorus, Total	USGS I-4610-91

Organophosphate Pesticides

Azinphos methyl	USGS O-1126-95
Diazinon	USGS O-1126-95
Disulfoton	USGS O-1126-95
Malathion	USGS O-1126-95
Parathion ethyl	USGS O-1126-95
Parathion methyl	USGS O-1126-95

Phthalate Esters

Benzyl butyl phthalate	USGS O-3116-87
Bis(2-ethylhexyl) phthalate	USGS O-3116-87
Diethyl phthalate	USGS O-3116-87
Dimethyl phthalate	USGS O-3116-87
Di-n-butyl phthalate	USGS O-3116-87
Di-n-octyl phthalate	USGS O-3116-87

Polynuclear Aromatics

Acenaphthene	USGS O-3116-87
Acenaphthylene	USGS O-3116-87
Anthracene	USGS O-3116-87

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NELAP Recognized

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Polynuclear Aromatics

Benzo(a)anthracene	USGS O-3116-87
Benzo(a)pyrene	USGS O-3116-87
Benzo(b)fluoranthene	USGS O-3116-87
Benzo(ghi)perylene	USGS O-3116-87
Benzo(k)fluoranthene	USGS O-3116-87
Chrysene	USGS O-3116-87
Dibenzo(a,h)anthracene	USGS O-3116-87
Fluoranthene	USGS O-3116-87
Indeno(1,2,3-cd)pyrene	USGS O-3116-87
Naphthalene	USGS O-3116-87
Phenanthrene	USGS O-3116-87
Pyrene	USGS O-3116-87

Priority Pollutant Phenols

2,4,6-Trichlorophenol	USGS O-3116-87
2,4-Dichlorophenol	USGS O-3116-87
2,4-Dimethylphenol	USGS O-3116-87
2,4-Dinitrophenol	USGS O-3116-87
2-Chlorophenol	USGS O-3116-87
2-Nitrophenol	USGS O-3116-87
4-Chloro-3-methylphenol	USGS O-3116-87
Phenol	USGS O-3116-87

Purgeable Aromatics

1,2-Dichlorobenzene	USGS O-4127-96
1,3-Dichlorobenzene	USGS O-4127-96
1,4-Dichlorobenzene	USGS O-4127-96
Benzene	USGS O-4127-96
Chlorobenzene	USGS O-4127-96

Purgeable Aromatics

Ethyl benzene	USGS O-4127-96
Toluene	USGS O-4127-96
Total Xylenes	USGS O-4127-96

Purgeable Halocarbons

1,1,1-Trichloroethane	USGS O-4127-96
1,1,2,2-Tetrachloroethane	USGS O-4127-96
1,1,2-Trichloroethane	USGS O-4127-96
1,1-Dichloroethane	USGS O-4127-96
1,1-Dichloroethene	USGS O-4127-96
1,2-Dichloroethane	USGS O-4127-96
1,2-Dichloropropane	USGS O-4127-96
Bromodichloromethane	USGS O-4127-96
Bromoform	USGS O-4127-96
Carbon tetrachloride	USGS O-4127-96
Chloroethane	USGS O-4127-96
Chloroform	USGS O-4127-96
cis-1,3-Dichloropropene	USGS O-4127-96
Dibromochloromethane	USGS O-4127-96
Methylene chloride	USGS O-4127-96
Tetrachloroethene	USGS O-4127-96
trans-1,3-Dichloropropene	USGS O-4127-96
Trichloroethene	USGS O-4127-96
Trichlorofluoromethane	USGS O-4127-96
Vinyl chloride	USGS O-4127-96

Radiological Analytes

Radon	ASTM D5072-92

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Residue

Solids, Total	USGS I-3750-85
Solids, Total Dissolved	USGS I-1750-85

Wastewater Metals I

Barium, Total	USGS I-4471-97
	USGS I-4472-97
Cadmium, Total	USGS I-4471-97
	USGS I-4472-97
Calcium, Total	USGS I-4471-97
Copper, Total	USGS I-4020-05
	USGS I-4471-97
Iron, Total	USGS I-4471-97
Lead, Total	USGS I-4472-97
Magnesium, Total	USGS I-4471-97
Manganese, Total	USGS I-4471-97
	USGS I-4472-97
Nickel, Total	USGS I-4020-05
	USGS I-4471-97
Potassium, Total	SM 18-21 3120B (99)
Silver, Total	USGS I-4471-97
	USGS I-4472-97
Sodium, Total	USGS I-4471-97

Wastewater Metals II

Aluminum, Total	USGS I-4471-97
	USGS I-4472-97
Antimony, Total	USGS I-4472-97
Arsenic, Total	USGS I-4020-05
Beryllium, Total	USGS I-4471-97

Wastewater Metals II

Beryllium, Total	USGS I-4472-97
Mercury, Total	USGS I-4464-01
Selenium, Total	USGS I-4020-05
Vanadium, Total	USGS I-4020-05
	USGS I-4471-97
Zinc, Total	USGS I-4020-05
	USGS I-4471-97

Wastewater Metals III

Cobalt, Total	USGS I-4020-05
	USGS I-4471-97
Molybdenum, Total	USGS I-4471-97
	USGS I-4472-97
Thallium, Total	USGS I-4472-97

Wastewater Miscellaneous

Organic Carbon, Total	USGS O-3100-83
Phenols	SM 18 5530 (USGS Only)
Surfactant (MBAS)	USGS O-3128-95

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Nutrient	
Orthophosphate (as P)	EPA 365.1 Rev. 2.0
Wastewater Metals I	
Chromium, Total	USGS I-4020-05
Strontium, Total	USGS I-4472-97
Wastewater Miscellaneous	
Boron, Total	USGS I-4472-97

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