NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2016
Issued April 01, 2015
Revised June 16, 2015

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. DAVID REPPERT
USGS NATIONAL WATER QUALITY LABORATORY
BLDG 95-DENVER FEDERAL CENTER
DENVER, CO 80225-0585

NY Lab Id No: 11642

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) 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
Demand	
Chemical Oxygen Demand	USGS I-3561-85
Fuel Oxygenates	
Methyl tert-butyl ether	USGS O-4127-96
Haloethers	
2,2'-Oxybis(1-chloropropane)	USGS O-3116-87
4-Bromophenylphenyl ether	USGS O-3116-87
4-Chlorophenylphenyl ether	USGS O-3116-87
Bis(2-chloroethoxy)methane	USGS O-3116-87
Bis(2-chloroethyl)ether	USGS O-3116-87
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
Chromium, Total	USGS I-4020-05
Metals I	
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 3120B-99,-11
Silver, Total	USGS I-4471-97
	USGS I-4472-97
Sodium, Total	USGS I-4471-97
Strontium, Total	USGS I-4472-97
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
	USGS I-4472-97
Mercury, Low Level	USGS I-4464-01
Selenium, Total	USGS I-4020-05
Vanadium, Total	USGS I-4020-05
	USGS I-4471-97

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Metals II	
Zinc, Total	USGS I-4020-05
	USGS I-4471-97
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
Mineral	
Chloride	USGS I-2057-85
Sulfate (as SO4)	USGS I-2057-85
Miscellaneous	
Color	USGS I-1250-85
Organic Carbon, Total	SM 5310B-00,-11
Surfactant (MBAS)	USGS O-3128-95
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
Nitrite (as N)	USGS I-2540-90
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
Benzo(a)anthracene	USGS O-3116-87

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Polynuclear Aromatics	
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
Radiological Analytes	
Radon	ASTM D5072-92
Residue	
Solids, Total	USGS I-3750-85
Residue	
Solids, Total Dissolved	USGS I-1750-85
Volatile 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
Ethyl benzene	USGS O-4127-96
Naphthalene, Volatile	USGS O-4127-96
Styrene	USGS O-4127-96
Toluene	USGS O-4127-96
Total Xylenes	USGS O-4127-96
Volatile 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

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Volatile Halocarbons

Chloromethane	USGS O-4127-96
cis-1,2-Dichloroethene	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-1,2-Dichloroethene	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

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