

The United States Environmental Protection Agency

EPA New England - Region I

Awards Certification to

The Connecticut Department of Public Health

Dr. Katherine A. Kelley State Public Health Laboratory

395 West Street, Rocky Hill, Connecticut

for the Drinking Water analytes on the following page.

Certificate No. 2018CT01

Date of Issue: January 31, 2018 Expiration Date: January 31, 2019



Arthur V. Johnson, III, Director

Office of Environmental Measurement & Evaluation

EPA NEW ENGLAND DRINKING WATER LABORATORY CERTIFICATION PROGRAM

Issued: January 31, 2018

Analyte List Number: 2018CT01 Effective Date: Jan. 1, 2018 Expiration Date: Jan. 31, 2019

GRANTS CERTIFICATION TO THE CONNECTICUT DEPARTMENT OF PUBLIC HEALTH LABORATORY
FOR THE DRINKING WATER ANALYTES AND METHODS BELOW.

The suffix "P" designates Provisional Certification.

This list supersedes all previous lists.

Chemistry -- Inorganics

Asbestos	TEM	100.2
Cyanide	MicroDIST	10-204-00-1-X
Fluoride	IC	300.0
Nitrate	IC	300.0
Nitrite	IC	300.0
Turbidity	Nephel.	180.1

Chemistry -- Metals

Antimony	ICP-MS	200.8
Arsenic	ICP-MS	200.8
Barium	ICP	200.7
Barium	ICP-MS	200.8
Beryllium	ICP-MS	200.8
Cadmium	ICP-MS	200.8
Chromium	ICP	200.7
Chromium	ICP-MS	200.8
Copper	ICP	200.7
Copper	ICP-MS	200.8
Lead	ICP-MS	200.8
Mercury	Cold vapor	245.1
Nickel	ICP	200.7
Nickel	ICP-MS	200.8
Selenium	ICP-MS	200.8
Thallium	ICP-MS	200.8
Uranium	ICP-MS	200.8

Chemistry -- Organics

Alachlor	GC	505
Atrazine	GC	505
Benzo(a)pyrene	GC-MS	525.2
Bis(2-ethylhex.)adipate	GC-MS	525.2
Bis(2-ethylhex.)phthalate	GC-MS	525.2
Chlordane (technical)	GC	505
Dibromochloropropane	GC-MS	524.3
Dinoseb	GC	515.3

Chemistry -- Organics (continued)

Endrin	GC	505
Ethylene dibromide	GC-MS	524.3
Glyphosate	HPLC	547
Heptachlor	GC	505
Heptachlor epoxide	GC	505
Hexachlorobenzene	GC	505
Hex.chl.cyc.pentadiene	GC	505
Lindane	GC	505
Methoxychlor	GC	505
Pentachlorophenol	GC	515.3
Picloram	GC	515.3
Simazine	GC	505
Toxaphene	GC	505
Trihalomethanes	GC-MS	524.2
Vinyl chloride	GC-MS	524.2
2,4-D	GC	515.3
2,4,5-TP (Silvex)	GC	515.3
20 regulated volatiles*	GC-MS	524.2

Microbiology

Heterotrophic plate count	Pour plate	9215 B
<i>E. coli</i>	Colliert	9223 B
Total coliform	Colliert	9223 B
<i>E. coli</i>	Colisure	9223 B
Total coliform	Colisure	9223 B

Radiochemistry

Gross alpha activity	Evaporation	900.0
Gross beta activity	Evaporation	900.0
Barium-133	Gamma	901.1
Cesium-134	Gamma	901.1
Cesium-137	Gamma	901.1
Cobalt-60	Gamma	901.1
Iodine-131	Gamma	901.1
Radium-226	Precip.	903.0
Radium-228	Precip.	904.0
Strontium-89	Precip.	905.0
Strontium-90	Precip.	905.0
Tritium	Liq. scint.	906.0
Zinc-65	Gamma	901.1

*These are the compounds listed in 40 CFR 141.61(a) except for vinyl chloride (which is listed separately).