

**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH

Jewel Mullen, M.D., M.P.H., M.P.A.  
Commissioner



Dannel P. Malloy  
Governor  
Nancy Wyman  
Lt. Governor

**APPLICATION FOR BIENNIAL RENEWAL OF AN ENVIRONMENTAL LABORATORY**

**Areas of approval are:**

**Chemical and Microbiological Environmental Examination of Drinking Water, Non-Potable Water/Wastewater, Solid Waste/Soil and Asbestos**

**Mail Completed Application and Supporting Documents to:**

**Connecticut Department of Public Health  
Environmental Laboratory Certification Program  
Environmental Health Section, MS# 51 LAB  
410 Capitol Avenue, P.O. Box 340308  
Hartford, CT 06134-0308**

**For Overnight Mail Send To:**

**Connecticut Department of Public Health  
Environmental Laboratory Certification Program  
Environmental Health Section, MS# 51 LAB  
410 Capitol Avenue  
Hartford, CT 06106**

In order for a laboratory to renew its certification in the State of Connecticut, it is first necessary for the proposed Director, if not previously approved, to meet regulatory requirements. The laboratory must be maintained and operated in a manner acceptable to the Connecticut Department of Public Health and must conform to the requirements set forth in General Statutes 19a-29a and Public Health Code Sections 19-4-1 and 19a-36-A25 through A33 and A57 through A63 inclusive.

The certification of an Environmental Laboratory can be withdrawn at any time if, in the opinion of the Department, its continued operation represents a public health hazard or is not in the best interest of the persons it serves.

**Program Telephone (860) 509-7389  
Fax (860) 509-7295**

**<http://www.ct.gov/dph/environmentallabs>**



Phone: (860) 509-8000 • Fax: (860) 509-7184 • VP: (860) 899-1611  
410 Capitol Avenue, P.O. Box 340308  
Hartford, Connecticut 06134-0308  
[www.ct.gov/dph](http://www.ct.gov/dph)

*Affirmative Action/Equal Opportunity Employer*

STATE OF CONNECTICUT  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

## RENEWAL PACKAGE CHECKLIST

Typically half of the laboratories omit items needed to process the renewal application. This checklist was prepared to aid laboratories in preparing the renewal package.

### ALL LABORATORIES

- \_\_\_\_\_ Check for \$1250.00 payable to “Treasurer State of Connecticut.”
- \_\_\_\_\_ Completed Application signed by Laboratory Director and Registrant/Authorized Agent.
- \_\_\_\_\_ Methods of analysis (e.g. SM2340C, 8270, etc.) filled in the blanks on the application (do not just “check off” analytes).
- \_\_\_\_\_ For any change in the laboratory director or co-director a completed laboratory director’s application. Note as per the application, there are educational and experience requirements and official transcripts are required.

### OUT OF STATE LABORATORIES

- \_\_\_\_\_ In addition to the above items, copies of your primary accrediting authority’s list of certified analytes and any other state/federal certifications (e.g. NVLAP, AIHA).

**FAILURE TO SUBMIT ANY OF THE ABOVE ITEMS WILL RESULT IN A DELAY IN PROCESSING YOUR APPLICATION AND MAY RESULT IN A TEMPORARY LOSS OF CERTIFICATION.**

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ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

DATE: \_\_\_\_\_ REGISTRAR \_\_\_\_\_ ION NO. PH- \_\_\_\_\_

NAME OF LABORATORY: \_\_\_\_\_

**Physical Address**

STREET ADDRESS: \_\_\_\_\_

CITY, STATE & ZIP \_\_\_\_\_

**Mailing Address (Leave Blank if the Same)**

STREET ADDRESS \_\_\_\_\_

CITY, STATE & ZIP \_\_\_\_\_

FEDERAL EMPLOYEE IDENTIFICATION NUMBER (FEIN) \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

PHONE NUMBER 1. \_\_\_\_\_ 2. \_\_\_\_\_

1. TYPE OF OWNERSHIP

Private Individual \_\_\_\_\_ Corporation \_\_\_\_\_ (Profit) \_\_\_\_\_

Corporation (Non-Profit) \_\_\_\_\_ Government \_\_\_\_\_

Partnership \_\_\_\_\_ Other \_\_\_\_\_ (Specify) \_\_\_\_\_

Please supply name of officers and Board of Directors. Use additional sheets, if necessary.

NAME: \_\_\_\_\_

STREET ADDRESS: \_\_\_\_\_

CITY, STATE & ZIP \_\_\_\_\_

2. Note here any changes in Name, Address, Director, Registered Owner/Authorized Agent.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Specify here individual who, in the occasional absence of the director, supervises laboratory operations:

Name \_\_\_\_\_ Degree \_\_\_\_\_

Years Experience: \_\_\_\_\_

Specialty Areas \_\_\_\_\_

4. Specialist Personnel employed in your laboratory.

Name \_\_\_\_\_ Degree \_\_\_\_\_

Years Experience: \_\_\_\_\_

Specialty Areas \_\_\_\_\_

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Name \_\_\_\_\_ Degree \_\_\_\_\_

Years Experience: \_\_\_\_\_

Specialty Areas \_\_\_\_\_

Name \_\_\_\_\_ Degree \_\_\_\_\_

Years Experience: \_\_\_\_\_

Specialty Areas \_\_\_\_\_

5. Number of Personnel employed with the degree indicated

Associate Degree \_\_\_\_\_ BA/BS \_\_\_\_\_ MS/MA \_\_\_\_\_

Ph. D. \_\_\_\_\_ Technical Personnel without Degrees \_\_\_\_\_

6. Working Hours at Laboratory

Director: \_\_\_\_\_ to \_\_\_\_\_ Co-Director: \_\_\_\_\_ to \_\_\_\_\_

Q.A. Manager: \_\_\_\_\_ to \_\_\_\_\_ Supervisor: \_\_\_\_\_ to \_\_\_\_\_

7. Subcontract Labs within Connecticut (list name and registration number)

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

8. Subcontract Labs outside Connecticut (list name and registration number)

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

Name: \_\_\_\_\_ PH-0 \_\_\_\_\_

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We, the undersigned, individually and jointly certify that the information that has been provided in this application is to the best of our knowledge and belief accurate and correct.

If registration and certification of this laboratory is granted by the Commissioner of Public Health, we agree to comply fully with all regulations of the State of Connecticut and directives pursuant thereto that may be issued by the Commissioner of Public Health or his/her representatives.

We fully understand that the Commissioner of Public Health may at any time revoke or suspend the registration and certification of this laboratory if, in his opinion, the laboratory has violated any regulation of the State of Connecticut or directive pursuant thereto, or if the continued operation of the laboratory is not in the best interest of the health and safety of the citizens of the State of Connecticut.

In witness whereof, we have hereunto set our hands and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Signature of Director

\_\_\_\_\_  
Signature of Registered Owner/Authorized Agent

\_\_\_\_\_  
Signature of Co-Director

State of \_\_\_\_\_ Count \_\_\_\_\_ y of \_\_\_\_\_

Then personally appeared before me \_\_\_\_\_  
(Print Name of Notary)

duly qualified to administer oaths -

Registered Owner/Authorized Agent: \_\_\_\_\_  
PRINT OR TYPE

Director: \_\_\_\_\_  
PRINT OR TYPE

Co-Director: \_\_\_\_\_  
PRINT OR TYPE

and subscribed and made oath to the truth of the foregoing affidavit.

\_\_\_\_\_  
Notary Public

STATE OF CONNECTICUT  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

**DRINKING (POTABLE) WATER ANALYTES**

**MICROBIOLOGY (Check All Methods for Tests for which Certification is Sought).**

**Total Coliforms**

Membrane Filter Methods	SM 9222B	MI Medium	M-ColiBlue24
	Coliscan		Chromocult
.....			
Fermentation Broth Methods	SM 9221B		SM 9221D
.....			
Enzyme Substrate Methods	SM 9223 (Colilert P/A)	SM 9223 (Colilert -18 P/A)	SM 9223 (Colilert Enumeration)
	SM 9223 (Colisure)	E-Colite Test	Readycult or Fluorocult LMX
	Colitag		

**Fecal Coliforms**

Membrane Filter Methods	SM 9222D		
.....			
Fermentation Broth Methods	SM 9221E (EC Broth)	SM 9221E (A-1 Broth)	

**Escherichia coli**

Membrane Filter Methods	SM 9222G	m-ColiBlue24	MI Medium
	Coliscan		Chromocult
.....			
Enzyme Substrate Methods	SM9223 (Colilert P/A)	SM9223 (Colilert Enumeration)	SM9223 (Colisure)
	E-Colite Test		
	SM9221F	Readycult or Fluorocult LMX	Colitag

**Heterotrophic Bacteria**

SM9215B	SM9215C	SM9215D	SimPlate	R2A
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**List Methods in the Spaces Provided**

- Cryptosporidium** \_\_\_\_\_
- Giardia** \_\_\_\_\_
- Legionella** \_\_\_\_\_
- Plankton** \_\_\_\_\_
- Microscopic Particulate Analysis** \_\_\_\_\_
- Other** \_\_\_\_\_

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ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

**DRINKING (POTABLE) WATER ANALYTES**

**CHEMISTRY**

**INORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Physicals**

Color	_____	pH	_____
Conductivity	_____	Temperature	_____
Odor	_____	Turbidity	_____

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**Minerals**

Alkalinity	_____	Fluoride	_____
Bromide	_____	Hardness, Calcium	_____
Chloride	_____	Hardness, Total	_____
Chlorine (Free)	_____	Sulfate	_____
Chlorine (Total)	_____	Corrosivity	_____

---

**Inorganic Disinfection Byproducts**

Bromate	_____	Chlorite	_____
Chlorate	_____		

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**Metals**

Aluminum	_____	Magnesium	_____
Antimony	_____	Manganese	_____
Arsenic	_____	Mercury	_____
Barium	_____	Molybdenum	_____
Beryllium	_____	Nickel	_____
Boron	_____	Potassium	_____
Cadmium	_____	Selenium	_____
Calcium	_____	Silver	_____
Chromium	_____	Sodium	_____
Cobalt	_____	Thallium	_____
Copper	_____	Tin	_____
Iron	_____	Vanadium	_____
Lead	_____	Zinc	_____

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**DRINKING (POTABLE) WATER ANALYTES**

**INORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Nutrients**

Ammonia		Nitrite	
Nitrate		Ortho-Phosphate	

**Miscellaneous**

Asbestos		Total Organic Carbon	
Cyanide		Total Diss. Solids	
Perchlorate		Total Solids	
Silica		Total Phosphorus	
Surfactants (MBAS)			

**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Total Trihalomethanes\***

Bromoform	Chloroform
Bromodichloromethane	Chlorodibromomethane

**Volatile Organics\***

Benzene	Bromobenzene	Bromochloromethane
Bromomethane	n-Butylbenzene	sec-Butylbenzene
tert-Butylbenzene	Carbon Tetrachloride	Chlorobenzene
Chloroethane	Chloromethane	o-Chlorotoluene
p-Chlorotoluene	Dibromomethane	1,2-Dichlorobenzene
1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane
1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene
cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane
1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene
1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene
Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride
Methyl-tert-butylether	Naphthalene	n-Propylbenzene
Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane
Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane
1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)

**Vinyl Chloride**

**EDB and DBCP\***

1,2-Dibromo-3-chloropropane	Ethylene Dibromide (EDB)

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**DRINKING (POTABLE) WATER ANALYTES**

**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought).**

**Carbamates**

Aldicarb*	_____	3-Hydroxycarbofuran	_____
Aldicarb Sulfoxide*	_____	Methomyl	_____
Aldicarb Sulfone*	_____	Oxamyl (Vydate)*	_____
Carbaryl	_____		
Carbofuran*	_____		

**Chlorinated Herbicides**

2,4-D*	_____	2,4,5-TP (Silvex)*	_____
Acetochlor	_____	Dalapon*	_____
DCPA	_____	Dicamba	_____
Dinoseb*	_____	Endothall*	_____
Metolachlor	_____	Picloram*	_____
Pentachlorophenol*	_____	Terbacil	_____

**Chlorinated Pesticides/PCB's**

Aldrin	_____	Lindane ( $\gamma$ -BHC)*	_____
Chlordane (technical.)*	_____	Methoxychlor*	_____
Dieldrin	_____	Toxaphene*	_____
Endrin*	_____	PCB's (qualitative) #	_____
Heptachlor*	_____	PCB's as DCB (quantitative)*	_____
Heptachlor Epoxide*	_____		

**Nitrogen-Phosphorus Compounds**

Alachlor*	_____	Glyphosate*	_____
Atrazine*	_____	Metribuzin	_____
Butachlor	_____	Propachlor	_____
Diquat*	_____	Simazine*	_____

**Organic Disinfection Byproducts\***

Bromochloroacetic Acid _____ M	onobromoacetic Acid	_____
Dibromoacetic Acid _____	Monochloroacetic Acid	_____
Dichloroacetic Acid _____	Trichloroacetic Acid	_____

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**DRINKING (POTABLE) WATER ANALYTES**

**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought).**

**Miscellaneous SVOC's**

Benzo(a)pyrene*	_____	1,4, - Dioxane*	_____
bis(2-ethylhexyl)adipate*	_____	2,4-Dinitrotoluene	_____
bis(2-ethylhexyl)phthalate*	_____	2,6-Dinitrotoluene	_____
Hexachlorobenzene*	_____	Nitrobenzene	_____
Hexachlorocyclopentadiene*	_____	Molinate	_____

**Dioxin**

2,3,7,8-TCDD (Dioxin)\* \_\_\_\_\_

**\*Indicates these compounds have minimum reporting limit requirements.**

**# PCB concentrations may only be reported as decachlorobiphenyl (DCB). Individual aroclors are for qualitative identification only.**

**RADIOCHEMICALS (Specify Methods for All Tests for which Certification is Sought).**

Cesium-134	_____	Radium-226	_____
Cesium-137	_____	Radium-228	_____
Cobalt-60	_____	Radon	_____
Gross Alpha	_____	Strontium-89	_____
Gross Beta	_____	Strontium-90	_____
Iodine-131	_____	Tritium	_____
Nickel-65	_____	Uranium	_____
Gamma (Photon) Emitters	_____		

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**WASTEWATER/NON-POTABLE WATER ANALYTES**

**MICROBIOLOGY (Check All Methods for Tests for which Certification is Sought).**

**Total Coliforms**

Membrane Filter Method SM 9222B

.....  
Fermentation Broth Method SM 9221B

**Fecal Coliforms**

Membrane Filter Method SM 9222D

.....  
Fermentation Broth Method SM 9221E

**Escherichia coli**

Membrane Filter Method SM 9222G SM 9213D EPA 1603 EPA 1604

m-ColiBlue24 EPA 1103.1

.....  
Enzyme Substrate Method SM 9221B/F SM 9223B (Colilert Enumeration Only)

**Fecal Streptococcus**

Membrane Filter Method SM 9230C

.....  
Fermentation Broth Method SM 9230B

**Enterococci**

Membrane Filter Method SM 9230C/EPA 1106.1 EPA 1600

.....  
Fermentation Broth Method SM 9230B

.....  
Enzyme Substrate Method Enterolert

**Heterotrophic Bacteria**

SM 9215B SM 9215C SM 9215D

**Cryptosporidium**

EPA 1622 EPA 1623

**Giardia**

EPA 1623

**List Methods in the Spaces Provided**

Legionella \_\_\_\_\_

Plankton \_\_\_\_\_

Microscopic Particulate Analysis \_\_\_\_\_

Other \_\_\_\_\_

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**CHEMISTRY**

**INORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Physicals**

Color	_____	pH	_____
Conductivity	_____	Temperature	_____
Odor	_____	Turbidity	_____

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**Minerals**

Acidity	_____	Fluoride	_____
Alkalinity	_____	Hardness, Calcium	_____
Bromide	_____	Hardness, Total	_____
Chloride	_____	Sulfate	_____
Chlorine (Free)	_____	Sulfide	_____
Chlorine (Total)	_____	Sulfite	_____

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**Inorganic Disinfection Byproducts**

Bromate	_____	Chlorite	_____
Chlorate	_____		

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**Nutrients**

Ammonia	_____	Nitrite	_____
Nitrate	_____	Ortho-Phosphate	_____
Kjeldahl Nitrogen	_____	Phosphorus, Total	_____

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**Miscellaneous**

Chromium, Hexavalent	_____	Surfactants (MBAS)	_____
Cyanide	_____	Total Dissolved Solids	_____
Formaldehyde	_____	Total Solids	_____
Perchlorate	_____	Total Suspended Solids	_____
Phenolics, Total	_____	Total Volatile Solids	_____
Silica	_____		

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**WASTEWATER/NON-POTABLE WATER ANALYTES**

**INORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Demands**

BOD	_____	Chemical Oxygen Demand	_____
Carbonaceous BOD	_____	Total Organic Carbon	_____

---

**Metals**

Aluminum	_____	Manganese	_____
Antimony	_____	Mercury	_____
Arsenic	_____	Molybdenum	_____
Barium	_____	Nickel	_____
Beryllium	_____	Potassium	_____
Boron	_____	Selenium	_____
Cadmium	_____	Silver	_____
Calcium	_____	Sodium	_____
Chromium	_____	Strontium	_____
Cobalt	_____	Thallium	_____
Copper	_____	Tin	_____
Iron	_____	Titanium	_____
Lead	_____	Vanadium	_____
Magnesium	_____	Zinc	_____

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**WASTEWATER/NON-POTABLE WATER ANALYTES**

**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Acid Extractables**

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

**Benzidines**

Benzidine		3,3'-Dichlorobenzidine
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**Chlorinated Hydrocarbons**

1-Chloronaphthalene		Hexachloroethane
2-Chloronaphthalene		Hexachlorocyclopentadiene
Hexachlorobenzene		1,2,4-Trichlorobenzene
Hexachlorobutadiene		

**Haloethers**

bis(2-chloroethyl)ether		4-Bromophenyl phenyl ether
bis(2-chloroethoxy)methane		4-Chlorophenyl phenyl ether
bis(2-chloroisopropyl)ether (or 2,2'-oxybis(1-chloropropane))		

**Nitroaromatics/Isophorone**

4-Chloroaniline		3-Nitroaniline
2,4-Dinitrotoluene		4-Nitroaniline
2,6-Dinitrotoluene		Nitrobenzene
Isophorone		Pyridine
2-Nitroaniline		Carbazole

**Nitrosamines**

N-Nitrosodimethylamine		N-Nitroso-di-n-propylamine
N-Nitrosodiphenylamine		

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**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Phthalates**

bis(2-ethylhexyl)phthalate	Diethyl phthalate
Butylbenzyl phthalate	Dimethylphthalate
Di-n-butyl phthalate	Di-n-octyl phthalate

**Polynuclear Aromatic Hydrocarbons**

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo(a,h)anthracene
Anthracene	Dibenzofuran
	Fluoranthene
Benzo(a)anthracene	Indeno(1,2,3-cd)pyrene
Benzo(b)fluoranthene	2-Methylnaphthalene
Benzo(k)fluoranthene	Naphthalene
Benzo(a)pyrene	Phenanthrene
Benzo(g,h,i)perylene	Pyrene

**Organochlorine Pesticides**

Aldrin	4,4'-DDD	Endrin Aldehyde
$\alpha$ -BHC	4,4'-DDE	Endrin Ketone
$\beta$ -BHC	4,4'-DDT	Heptachlor
$\delta$ -BHC	Dieldrin	Heptachlor Epoxide
$\gamma$ -BHC (Lindane)	Endosulfan I	Methoxychlor
$\alpha$ -Chlordane	Endosulfan II	Toxaphene
$\gamma$ -Chlordane	Endosulfan Sulfate	
Chlordane, technical	Endrin	

**Polychlorinated Biphenyls (PCB's)**

Aroclor-1016	Aroclor-1242	Aroclor-1260
Aroclor-1221	Aroclor-1248	Aroclor-1262
Aroclor-1232	Aroclor-1254	

**Chlorinated Herbicides**

2,4-D	Dalapon	MCPA
2,4-DB	Dicamba	MCPP
2,4,5-TP (Silvex)	Dichloroprop	4-Nitrophenol
2,4,5-T	Dinoseb	Pentachlorophenol

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**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Volatile Organic Compounds (VOC's)**

Acetone	1,2-Dichlorobenzene	n-Propylbenzene
Acrolein	1,3-Dichlorobenzene	Styrene
Acrylonitrile	1,4-Dichlorobenzene	1,1,1,2-Tetrachloroethane
Benzene	1,4-Dichlorobutene	1,1,2,2-Tetrachloroethane
n-Butylbenzene	1,1-Dichloroethane	Tetrachloroethene
sec-Butylbenzene	1,2-Dichloroethane	Toluene
tert-Butylbenzene	1,1-Dichloroethene	1,1,1-Trichloroethane
Bromodichloromethane	cis-1,2-Dichloroethene	1,1,2-Trichloroethane
Bromoform	trans-1,2-Dichloroethene	Trichloroethene
Bromomethane	1,2-Dichloropropane	Trichlorofluoromethane
2-Butanone (MEK)	cis-1,3-Dichloropropene	1,2,4-Trimethylbenzene
Carbon Disulfide	trans-1,3-Dichloropropene	1,3,5-Trimethylbenzene
Carbon Tetrachloride	Ethylbenzene	Vinyl Chloride
Chlorobenzene	2-Hexanone	Xylenes
Chlorodibromomethane	Isopropylbenzene	
Chloroethane	p-Isopropyltoluene	Trichlorotrifluoroethane(1)
Chloroform	4-Isopropyltoluene	
Chloromethane	Methylene Chloride	(1) Freon 113
2-Chlorotoluene	4-Methyl-2-pentanone(MIBK)	Ethylene Dibromide
4-Chlorotoluene	Methyl-tert-butylether(MTBE)	1,2-DBCP

**Miscellaneous Organics**

Aalachlor	_____	Atrazine	_____	Oil & Grease (HEM)	_____
Aldicarb	_____	Simazine	_____	PHC (HEM/Silica Gel)	_____
2,3,7,8-TCDD (Dioxin)	_____	PCBs in Oil	_____	Total Organic Halides	_____
Polychlorinated Dioxins and Dibenzofurans _____		Connecticut ETPH _____			
MA Volatile Petroleum Hydrocarbons _____		MA Extractable Petroleum Hydrocarbons _____			

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**RADIOCHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

Cesium-134	_____	Radium-226	_____
Cesium-137	_____	Radium-228	_____
Cobalt-60	_____	Radon	_____
Gross Alpha	_____	Strontium-89	_____
Gross Beta	_____	Strontium-90	_____
Iodine-131	_____	Tritium	_____
Nickel-65	_____	Uranium	_____
Gamma (Photon) Emitters	_____		

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**SOLID WASTE/ SOIL ANALYTES**

**CHEMISTRY**

**INORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Miscellaneous Wet Chemistry**

Ammonia-nitrogen	_____	Total Kjeldahl Nitrogen	_____
Chromium, Hexavalent	_____	Total Solids	_____
Cyanide	_____	Total Volatile Solids	_____
pH	_____	Total Organic Carbon	_____
Phenolics, Total	_____	Total Phosphorus	_____
Sulfide	_____		

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**Metals**

Aluminum	_____	Manganese	_____
Antimony	_____	Mercury	_____
Arsenic	_____	Molybdenum	_____
Barium	_____	Nickel	_____
Beryllium	_____	Potassium	_____
Boron	_____	Selenium	_____
Cadmium	_____	Silver	_____
Calcium	_____	Sodium	_____
Chromium	_____	Strontium	_____
Cobalt	_____	Thallium	_____
Copper	_____	Tin	_____
Iron	_____	Titanium	_____
Lead	_____	Vanadium	_____
Magnesium	_____	Zinc	_____

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**Acid Extractables**

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

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**Benzidines**

Benzidine	3,3'-Dichlorobenzidine
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**Chlorinated Hydrocarbons**

1-Chloronaphthalene	Hexachloroethane
2-Chloronaphthalene	Hexachlorocyclopentadiene
Hexachlorobenzene	1,2,4-Trichlorobenzene
Hexachlorobutadiene	

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**Haloethers**

bis(2-chloroethyl)ether	4-Bromophenyl phenyl ether
bis(2-chloroethoxy)methane	4-Chlorophenyl phenyl ether
bis(2-chloroisopropyl)ether (or 2,2'-oxybis(1-chloropropane))	

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**Nitroaromatics/Isophorone**

4-Chloroaniline	3-Nitroaniline
2,4-Dinitrotoluene	4-Nitroaniline
2,6-Dinitrotoluene	Nitrobenzene
Isophorone	Pyridine
2-Nitroaniline	Carbazole

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**Nitrosamines**

N-Nitrosodimethylamine	N-Nitroso-di-n-propylamine
N-Nitrosodiphenylamine	

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**Phthalates**

bis(2-ethylhexyl)phthalate	Diethyl phthalate
Butylbenzyl phthalate	Dimethylphthalate
Di-n-butyl phthalate	Di-n-octyl phthalate

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**Polynuclear Aromatic Hydrocarbons** \_\_\_\_\_

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo(a,h)anthracene
Anthracene	Dibenzofuran
Benzo(a)anthracene	Fluoranthene
Benzo(b)fluoranthene	Indeno(1,2,3-cd)pyrene
Benzo(k)fluoranthene	2-Methylnaphthalene
Benzo(a)pyrene	Naphthalene
Benzo(g,h,i)perylene	Phenanthrene
	Pyrene

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**Miscellaneous Organics**

Alachlor _____	Atrazine _____	Oil & Grease (HEM) _____
Aldicarb _____	Simazine _____	PHC (HEM/Silica Gel) _____
2,3,7,8-TCDD (Dioxin) _____	PCBs in Oil _____	
Polychlorinated Dioxins and Dibenzofurans _____		Connecticut ETPH _____
MA Volatile Petroleum Hydrocarbons _____	MA Extractable Petroleum Hydrocarbons _____	

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**Organochlorine Pesticides** \_\_\_\_\_

Aldrin	4,4'-DDD	Endrin Aldehyde
$\alpha$ -BHC	4,4'-DDE	Endrin Ketone
$\beta$ -BHC	4,4'-DDT	Heptachlor
$\delta$ -BHC	Dieldrin	Heptachlor Epoxide
$\gamma$ -BHC (Lindane)	Endosulfan I	Methoxychlor
$\alpha$ -Chlordane	Endosulfan II	Toxaphene
$\gamma$ -Chlordane	Endosulfan Sulfate	
Chlordane, technical	Endrin	

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**Polychlorinated Biphenyls (PCB's)** \_\_\_\_\_

Aroclor-1016	Aroclor-1242	Aroclor-1260
Aroclor-1221	Aroclor-1248	Aroclor-1262
Aroclor-1232	Aroclor-1254	

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**Chlorinated Herbicides** \_\_\_\_\_

2,4-D	Dalapon	MCPA
2,4-DB	Dicamba	MCPP
2,4,5-TP (Silvex)	Dichloroprop	4-Nitrophenol
2,4,5-T	Dinoseb	Pentachlorophenol

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**SOLID WASTE/ SOIL ANALYTES**

**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Volatile Organic Compounds (VOC's)**

Acetone	1,2-Dichlorobenzene	n-Propylbenzene
Acrolein	1,3-Dichlorobenzene	Styrene
Acrylonitrile	1,4-Dichlorobenzene	1,1,1,2-Tetrachloroethane
Benzene	1,4-Dichlorobutene	1,1,2,2-Tetrachloroethane
n-Butylbenzene	1,1-Dichloroethane	Tetrachloroethene
sec-Butylbenzene	1,2-Dichloroethane	Toluene
tert-Butylbenzene	1,1-Dichloroethene	1,1,1-Trichloroethane
Bromodichloromethane	cis-1,2-Dichloroethene	1,1,2-Trichloroethane
Bromoform	trans-1,2-Dichloroethene	Trichloroethene
Bromomethane	1,2-Dichloropropane	Trichlorofluoroethane(1)
2-Butanone (MEK)	cis-1,3-Dichloropropene	Trichlorofluoromethane
Carbon Disulfide	trans-1,3-Dichloropropene	1,2,4-Trimethylbenzene
Carbon Tetrachloride	Ethylbenzene	1,3,5-Trimethylbenzene
Chlorobenzene	2-Hexanone	Vinyl Chloride
Chlorodibromomethane	Isopropylbenzene	Xylenes
Chloroethane	p-Isopropyltoluene	Ethylene Dibromide
Chloroform	4-Isopropyltoluene	1,2-DBCP
Chloromethane	Methylene Chloride	
2-Chlorotoluene	4-Methyl-2-pentanone(MIBK)	
4-Chlorotoluene	Methyl-tert-butylether(MTBE)	

(1) Freon 113

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**RCRA Characteristics**

Corrosivity (pH)	_____	SPLP Leaching	_____
Ignitability	_____	TCLP Leaching	_____
Reactivity(2)	_____		

(2) Requires cyanide and sulfide approval.

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**SOLID WASTE/ SOIL ANALYTES**

**RADIOCHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

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Cesium-134	_____	Radium-226	_____
Cesium-137	_____	Radium-228	_____
Cobalt-60	_____	Radon	_____
Gross Alpha	_____	Strontium-89	_____
Gross Beta	_____	Strontium-90	_____
Iodine-131	_____	Tritium	_____
Nickel-65	_____	Uranium	_____
Gamma (Photon) Emitters	_____		

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**ENVIRONMENTAL HEALTH & HOUSING**

**(Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

Environmental Lead

Soil \_\_\_\_\_ Dust Wipes \_\_\_\_\_ Paint Chips \_\_\_\_\_

Requires AIHA PT Participation or equivalent.

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**CONSTRUCTION, RENOVATION AND DEMOLITION BUILDING MATERIALS**

**ASBESTOS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

In order to obtain approval for post abatement/reoccupancy samples or samples analyzed to determine completion of response actions, laboratories shall be accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) to conduct asbestos determination in air fibers analysis using transmission electron microscopy (TEM) or; laboratories shall be accredited by the American Industrial Hygiene Association, or other certifying agency acceptable to the Department of Public Health, for asbestos determination in air fibers by optical microscopy or electron microscopy; or individuals shall be listed in the American Industrial Hygiene Association's Asbestos Analyst's Registry (AAR). Any analyst who performs asbestos determinations in the field, (e.g. not in a fixed laboratory), for post abatement/reoccupancy criteria (PAC) or to determine completion of response actions shall be listed in the AAR.

**Asbestos in Air Fibers for PAC/response action completion**

\_\_\_\_\_

**Asbestos in Bulk Materials**

\_\_\_\_\_

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**ANIMAL AND PLANT TISSUES**

**INORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Metals**

Arsenic _____	Cadmium _____	Chromium _____
Lead _____	Nickel _____	Selenium _____
Mercury _____	Zinc _____	

**ORGANIC CHEMICALS (Specify Methods for All Tests for which Certification is Sought in the Spaces Provided).**

**Organochlorine Pesticides** \_\_\_\_\_

**Triazine Pesticides** \_\_\_\_\_

**Polychlorinated Biphenyls (PCB's)** \_\_\_\_\_

**Polynuclear Aromatic Hydrocarbons** \_\_\_\_\_