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 INITIAL APPROVAL OF AN ENVIRONMENTAL LABORATORY

Areas of approval are:

Chemical and Microbiological Environmental Examination of Potable Water, Wastewater, Sewage, Solid Waste, Soil, and Analysis of Asbestos in Air, Asbestos in Bulk Material and Asbestos in Water.

Mail Completed Applications and Supporting Documents to:

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

For Express Mail/ Overnight Delivery, 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 be registered and certified as an Environmental Laboratory in the State of Connecticut, it is first necessary for the proposed Director of the laboratory to meet regulatory requirements. The laboratory, once certified, must be maintained and operated in a manner acceptable to the State of Connecticut, Department of Public Health and must conform to the requirements set forth in General Statutes 19a-29a and Regulations of the Connecticut State Agencies 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 The certification of an Environmental Laboratory can be withdrawn at any time if, in the opinion of the department, its continued operation represents a public health hazard or is not in the best interest of the persons it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
Program 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
Affirmative Action/Equal Opportunity Employer

Requirements for Certification

ALL LABORATORIES

1. A biennial fee of $1250 is required from each laboratory for initial certification or renewal of certification. Check should be made payable to the "Treasurer, State of Connecticut".

2. Submittal of a completed, signed and notarized application.

3. Qualified Director - In accordance with Section 19a-36-A62 of the Regulations of the Connecticut State Agencies. (See Director Requirements below.)

IN-STATE LABORATORIES

1. Approved Methodology - Must utilize Department approved methods of analysis.

2. Proficiency Test (PT) Samples - Must successfully analyze unknown proficiency samples supplied by an approved proficiency test sample provider.

3. On-Site Inspection - Must pass an inspection by an EPA certified member of the State laboratory certification team.

4. Technical Review - Will be performed by the Environmental Laboratory Certification Program to insure that all requirements have been met.

OUT-OF-STATE LABORATORIES-Reciprocity with Home State having equivalent certification standards.

1. Be certified by an accrediting authority recognized by the State of Connecticut.

2. Current Certificate of Approval/License - must supply documentation of certification by the primary and/or any secondary accrediting authorities. The certificates must indicate the specific tests for which the laboratory is certified.

ADDITIONAL REQUIREMENTS FOR ASBESTOS LABORATORIES

1. Any laboratory employing asbestos analysts, who analyzes air asbestos samples in the field by PCM, must have the employed analysts listed in the AIHA Asbestos Analysts Registry.

APPROVAL OF ENVIRONMENTAL LABORATORY DIRECTOR-

1. Section 19a-36-A62 of the Regulations of the Connecticut State Agencies requires that individuals overseeing the day-to-day operations of certified Environmental Laboratories meet the educational and experience requirements of this department.

2. Application – Application for approval of the director of an Environmental Laboratory shall be made on a form provided by the Department of Public Health. The disciplines of approval are: Chemical, Radiochemical, and Microbiological Environmental Examinations of Drinking Water, Non-Potable Water/ Wastewater, Soil/ Solid Waste, and Asbestos in Air, Bulk and Water.

3. Educational Requirements – The minimum educational requirements are a baccalaureate degree with at least eight semester hours in bacteriology and/or chemistry as appropriate. Official transcripts are required for documentation. Directors of asbestos laboratories must have passed a NIOSH 582 course, a PLM course or equivalent.

4. Experience Requirement – Applicants are required to possess a minimum of one year's pertinent experience in environmental analysis in Chemistry, Radiochemistry, Microbiology and/or Asbestos as appropriate. Experience in these areas may be gained concurrently. Documentation is required for review.

BIENNIAL RENEWAL OF CERTIFICATION

1. At the time the initial registration and certification is granted, the certified laboratory shall be assigned a unique Public Health number and an anniversary date for renewal of certification. A renewal application will be mailed to the laboratory by this department approximately one month before the anniversary date is to expire on a biennially basis.

2. Biennial renewal of certification is at the convenience of the Commissioner of Public Health and shall be dependent on the following:

    - Adherence of the laboratory and its director to the regulations and statutes of the State of Connecticut and all directives pursuant thereto.

    - Satisfactory performance in those proficiency test study programs required by the ELCP.

    - Satisfactory inspection of the facilities by the ELCP, or by an EPA approved certification officer or audit team from the laboratory's parent state or the equivalent as determined by the ELCP.

STATE OF CONNECTICUT
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

ENVIRONMENTAL LABORATORY: APPLICATION FOR CERTIFICATION
PLEASE PRINT OR TYPE

NAME OF LABORATORY _____

Physical Address

STREET ADDRESS _____P.O.BOX _____

CITY/STATE/ZIP _____

Mailing Address (Leave Blank if the Same)

STREET ADDRESS _____P.O.BOX _____

CITY/STATE/ZIP _____

_____

TELEPHONE NUMBER _____ 2nd TELEPHONE NUMBER _____

E-MAIL ADDRESS _____

WEBSITE ADDRESS _____

FEDERAL EMPLOYEE IDENTIFICATION NUMBER (FEIN) _____

Type of Ownership	NAME, ADDRESS, TELEPHONE OF OWNER/COMPANY
Private_____	_____
Corporation_____	_____
Government_____	_____
Non-profit_____	_____

Director _____
(print or type)

Registered Owner/
Authorized Agent: _____
(May be the same as Director, print or type)

Co-Director(s) (if any) _____
(print or type) _____
_____

Specialists (Personnel who will assist the Director in the performance of specialized testing)

	NAME	DEGREE(S)	SPECIALTY*
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____

* Microbiology, Inorganic Chemistry, Organic Chemistry, Asbestos, Radiochemistry

Director Affiliation With Other Laboratories

Is the Director affiliated with another laboratory?
If so, then information concerning the duties and hours involved must be provided below.

NOT APPLICABLE _____

YES _____ PLEASE SPECIFY

LABORATORY	FUNCTION	HOURS OF WORK
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

STATE OF CONNECTICUT
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

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 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 _____

County of _____

Then personally appeared before me _____
(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.

Date _____ _____
Notary Public

STATE OF CONNECTICUT
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

DRINKING (POTABLE) WATER ANALYTES

MICROBIOLOGY(Circle 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)
SM9223 (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 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
SM 9221F Colitag

Heterotrophic Bacteria SM 9215B SM 9215C SM 9215D SimPlate R2A

List Methods in the Spaces Provided

Cryptosporidium_____

Giardia_____

Legionella_____

Plankton_____

Microscopic Particulate Analysis_____

Other_____

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	

Minerals

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

Inorganic Disinfection Byproducts

Bromate		Chlorite	
Chlorate			

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	

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

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 _____

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

EDB and DBCP*

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

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 (γ-BHC) *	
Chlordane (tech.) *		Methoxychlor*	
Dieldrin		Toxaphene*	
Endrin*		PCB's (qualitative)#	
Heptachlor*		PCB's as DCB (quant) *	
Heptachlor Epoxide*			

Nitrogen-Phosphorus Compounds

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

DRINKING (POTABLE) WATER ANALYTES

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

Organic Disinfection Byproducts*

Bromochloroacetic Acid	_____	Monobromoacetic Acid	_____
Dibromoacetic Acid	_____	Monochloroacetic Acid	_____
Dichloroacetic Acid	_____	Trichloroacetic Acid	_____

Miscellaneous SVOC's

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

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 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	_____		

STATE OF CONNECTICUT
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

NON-POTABLE WATER/WASTEWATER ANALYTES

MICROBIOLOGY (Circle 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
Cryptospordium	EPA 1622	EPA 1623	
Giardia	EPA 1623		

List Methods in the Spaces Provided

Legionella _____ **Plankton** _____

Microscopic Particulate Analysis _____ **Other** _____

NON-POTABLE WATER/WASTEWATER 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	_____

Minerals

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

Inorganic Disinfection Byproducts

Bromate	_____	Chlorite	_____
Chlorate	_____		

Nutrients

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

Miscellaneous

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

NON-POTABLE WATER/WASTEWATER 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	

NON-POTABLE WATER/WASTEWATER ANALYTES

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

Acid Extractables

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

Benzidines

Benzidine
3,3'-Dichlorobenzidine

Chlorinated Hydrocarbons

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

Haloethers

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

Nitroaromatics/Isophorone

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

Nitrosamines

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

Phthalates

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

NON-POTABLE WATER/WASTEWATER ANALYTES

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

Polynuclear Aromatic Hydrocarbons _____

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

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 _____

Total Organic Halides _____

Organochlorine Pesticides _____

Aldrin
α-BHC
β-BHC
δ-BHC
γ-BHC (Lindane)
α-Chlordane
γ-Chlordane
Chlordane, technical
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Endrin Ketone
Heptachlor
Heptachlor Epoxide
Methoxychlor
Toxaphene

Polychlorinated Biphenyls (PCB's) _____

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

Chlorinated Herbicides _____

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

NON-POTABLE WATER/WASTEWATER 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	Trichlorofluormethane
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	
2-Chlorotoluene	4-Methyl-2-pentanone(MIBK)	Ethylene Dibromide
4-Chlorotoluene	Methyl-tert-butylether(MTBE)	1,2 – DBCP

(1) Freon 113

NON-POTABLE WATER/WASTEWATER ANALYTES

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	_____		

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

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	_____

SOLID WASTE/ SOIL ANALYTES

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

Acid Extractables

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

Benzidines

Benzidine
3,3'-Dichlorobenzidine

Chlorinated Hydrocarbons

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

Haloethers

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

Nitroaromatics/Isophorone

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

Nitrosamines

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

SOLID WASTE/ SOIL ANALYTES

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

Phthalates

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

Polynuclear Aromatic Hydrocarbons

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

Miscellaneous Organics

Alachlor _____ 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 _____

Organochlorine Pesticides

Aldrin
α-BHC
β-BHC
δ-BHC
γ-BHC (Lindane)
α-Chlordane
γ-Chlordane
Chlordane, technical
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Endrin Ketone
Heptachlor
Heptachlor Epoxide
Methoxychlor
Toxaphene

SOLID WASTE/ SOIL ANALYTES

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

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

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	
Chloroform	4-Isopropyltoluene	Ethylene Dibromide
Chloromethane	Methylene Chloride	1,2-DBCP
2-Chlorotoluene	4-Methyl-2-pentanone(MIBK)	
4-Chlorotoluene	Methyl-tert-butylether(MTBE)	

(1) Freon 113

SOLID WASTE/ SOIL ANALYTES

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

RCRA Characteristics

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

(2) Requires cyanide and sulfide approval.

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	_____		

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.

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 asbestos 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.

Please list the methods used in the appropriate spaces

Asbestos in Air Fibers for PAC/response action Completion _____

Asbestos in Bulk Materials _____

Please list accreditations for post abatement/reoccupancy and completion of response actions for your laboratory:

_____

_____

_____

_____

_____

_____

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 _____