

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

ANALYTICAL LABORATORY SERVICES, INC. dba ALS ENVIRONMENTAL

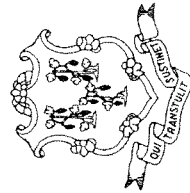
LOCATED AT 34 Dogwood Lane IN Middletown, PA 17057
AND REGISTERED IN THE NAME OF Michael Farling

THIS CERTIFICATE IS ISSUED IN THE NAME OF Anna Milliken (Chemistry) WHO HAS BEEN DESIGNATED
BY THE REGISTERED OWNER AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF
APPROVAL AS FOLLOWS:

DRINKING WATER, NON-POTABLE/WASTEWATER, SOLID WASTE/SOIL Paint Chips, Dust Wipes
Examination For: BACTERIA Examination For: LEAD
INORGANIC CHEMICALS
ORGANIC CHEMICALS

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

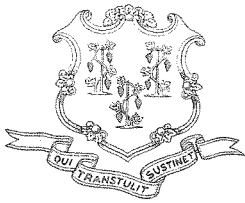
THIS CERTIFICATE EXPIRES June 30, 2013 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH
DATED AT HARTFORD, CONNECTICUT, THIS 13th DAY OF July, 2011



Registration No.

PH - 0224

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

REGULATORY SERVICES BRANCH
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

July 13, 2011

Michael Farlling
Analytical Laboratory Services dba ALS Environmental
(PH-0224)
34 Dogwood Lane
Middletown, PA 17057

Dear Mr. Farlling,

Enclosed is the updated Certified Analytes list and Certificate of Approval H2M Labs, Inc.. On these registration renewal forms, you are listed as the registrant, Anna Milliken is approved as laboratory Director in the chemistry discipline and Megan Rebuck is approved as Co-Director in chemistry and microbiology disciplines.

In accordance with Sections 19a-29a and 25-40 of the Connecticut General Statutes and Sections 19a-36-A25 through 19a-36-A30, 19a-36-A33, 19a-36-A57 and 19-4-1 of the Connecticut Public Health Code, the re-registration and approval of the above-mentioned laboratory are hereby granted.

Please review the documentation carefully and notify the program of any errors or omissions.

Sincerely yours,

A handwritten signature in cursive script that reads "Dermot Jones".

Dermot Jones
Environmental Laboratory Consultant/Certification Officer

Phone: (860)509-7389

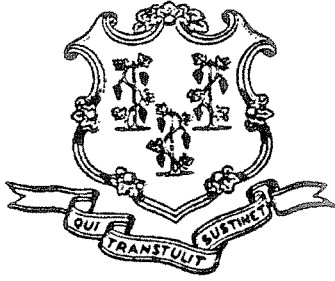


Telephone Device for the Deaf: (860) 509-7191

410 Capitol Avenue - MS # 51LAB

P.O. Box 340308 Hartford, CT 06134

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STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

CERTIFIED ANALYTES REPORT
FOR ALL MATRICES

Analytical Lab Svcs dba ALS Environmental

CT-APP-NUM

PH-0224

LOCATION

34 Dogwood Lane

Middletown PA 17057-

PHONE (717)-944-5541

REGISTERED OWNER/
AUTHORIZED AGENT

Michael Farling

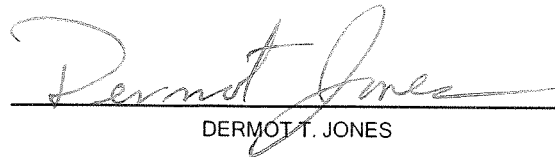
DIRECTOR

Anna Milliken (Chemistry)

CO DIRECTOR(S)

Megan Rebuck

APPROVED BY


DERMOTT. JONES

DATE 07/14/2011 10:04:55 AM

LABORATORY APPROVAL EXPIRATION DATE

06/30/2013

LABORATORY STATUS

APPROVED

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO
THE ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

DRINKING WATER (SDWA)

STATUS REPORTED ON 07/14/2011

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL
WITH MINIMUM MDL REQUIREMENTSANALYTE NAME

MICROBIOLOGY/BACTERIATOT COLIFORM - COLILERT (SM9223 P/A)
TOT COLIFORM - COLILERT (9223 Enumeration & P/A)
E. COLI - COLILERT (9223 Enumeration)
E. COLI - COLILERT (SM9223 P/A)
HPC - POUR PLATE (SM9215B)
-----**PHYSICALS**COLOR
ODOR
pH
TURBIDITY
CONDUCTIVITY
-----**MINERALS**ALKALINITY
CHLORIDE
CHLORINE, TOTAL RESIDUAL
FLUORIDE
HARDNESS, TOTAL
SULFATE
-----**NUTRIENTS**AMMONIA
NITRATE
NITRITE
O-PHOSPHATE
-----**METALS**ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
COBALTCOPPER
IRON
LEAD
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM
SILVER
SODIUM
THALLIUM
TIN
TITANIUM
VANADIUM
ZINC
-----**RESIDUE**TOTAL RESIDUE (SOLIDS)
TOTAL DISSOLVED SOLIDS
-----**DEMANDS**TOTAL ORGANIC CARBON
-----**MISCELLANEOUS**CYANIDE (TOTAL)
FOAMING AGENTS (MBAS)
CORROSIVITY
-----**INORGANIC DISINFECTION BY-PRODUCTS**BROMATE
BROMIDE
CHLORITE
PERCHLORATE
-----**UCMR**2,4-DINITROTOLUENE
2,6-DINITROTOLUENE
-----**ORGANIC DISINFECTION BY-PRODUCTS**BROMOCHLOROACETIC ACID
DIBROMOACETIC ACID
DICHLOROACETIC ACID
BROMOACETIC ACID

CHLOROACETIC ACID
TRICHLOROACETIC ACID

VOLATILE ORGANICS

VOLATILE ORGANICS - 502.2 (SOC)
VOLATILE ORGANICS - 524.2 (SOC)
1,2-DIBROMO-3-CHLOROPROPANE 504.1 (DBCP) (SOC)
TOTAL TRIHALOMETHANES 524.2 (SOC)
ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

PESTICIDES/ PCB's

PCB's (Aroclors, Qualitative Only)
LINDANE (BHC-GAMMA) (SOC)
HEPTACHLOR (SOC)
HEPTACHLOR EPOXIDE (SOC)
HEXACHLOROBENZENE (SOC)
HEXACHLOROCYCLOPENTADIENE (SOC)
CHLORDANE (TECHNICAL) (SOC)
ENDRIN (SOC)
METHOXYCHLOR (SOC)
TOXAPHENE (SOC)
ALDRIN
DIELDRIN
METRIBUZIN
CHLORPYRIFOS
DACTHAL

HERBICIDES

ACETOCHLOR
DALAPON (SOC)
DCPA
DICAMBA
DINOSEB (SOC)
PENTACHLOROPHENOL (SOC)
2,4,5-TP (SILVEX) (SOC)
DIQUAT (SOC)
ENDOTHALL (SOC)
GLYPHOSATE (SOC)

PHTHALATE ESTERS & ADIPATES

BIS (2 - ETHYLHEXYL) ADIPATE (SOC)
BIS (2-EHTYLHEXYL) PHTHALATE (SOC)

PAHs

BENZO(a) PYRENE (SOC)

TRIAZINE PESTICIDES

ALACHLOR (SOC)
ATRAZINE (SOC)
BUTACHLOR
METOLACHLOR
PROPACHLOR
SIMAZINE (SOC)

CARBAMATE PESTICIDES

ALDICARB (SOC)
ALDICARB SULFONE (SOC)
ALDICARB SULFOXIDE (SOC)
CARBARYL
CARBOFURAN (SOC)
METHOMYL
MOLINATE
OXAMYL (SOC)
3 - HYDROXYCARBOFURAN

**NON-POTABLE WATER/
WASTEWATER**

STATUS REPORTED ON 07/14/2011

ANALYTE NAME

MICROBIOLOGY/BACTERIA

E. COLI - COLILERT (9223 Enumeration)
HPC - POUR PLATE (SM9215B)
FECAL COLIFORM - MF m-FC (SM9222D)
ENTEROCOCCUS - MF mE Agar(SM9230C/EPA1106.1)
FECAL STREPT - MF mEnterococcus Agar (SM9230C)

PHYSICALS

COLOR
pH
TEMPERATURE
TURBIDITY
CONDUCTIVITY

MINERALS

ACIDITY
ALKALINITY
CHLORIDE
CHLORINE, TOTAL & FREE RESIDUAL
FLUORIDE
HARDNESS, TOTAL
HARDNESS, CALCIUM
SILICA
SULFATE
SULFIDE
SULFITE

NUTRIENTS

AMMONIA
KJELDAHL NITROGEN
NITRATE
NITRITE
O-PHOSPHATE
TOTAL PHOSPHOROUS

METALS

ALUMINUM
ANTIMONY

ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
CHROMIUM - Hexavalent
COBALT
COPPER
IRON
LEAD
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM
SILVER
SODIUM
STRONTIUM
THALLIUM
TIN
TITANIUM
VANADIUM
ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)
TOTAL VOLATILE RESIDUE
TOTAL DISSOLVED SOLIDS
TOTAL SUSPENDED SOLIDS

DEMANDS

BOD
CARBONACEOUS BOD
COD
TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)
PHENOLICS
FOAMING AGENTS (MBAS)

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

PERCHLORATE

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

OIL AND GREASE

TOTAL ORGANIC HALIDES

TPH (HEM/SGT)

HERBICIDES

DALAPON

DICAMBA

DINOSEB

PENTACHLOROPHENOL (Herbicide)

2,4-D

2,4-DB

2,4,5-T

DICHLOROPROP

2,4,5-TP (SILVEX)

MCPA

MCPP

4-NITROPHENOL (Herbicide)

TRIAZINE PESTICIDES

ALACHLOR

ATRAZINE

SIMAZINE

ORGANICS

ACID EXTRACTABLES (PHENOLS)

BENZIDINES

PHTHALATE ESTERS

NITROSAMINES

NITROAROMATICS & ISOPHORONE

POLYNUCLEAR AROMATIC HYDROCARBONS

HALOETHERS

CHLORINATED HYDROCARBONS

VOLATILE ORGANICS

SOLID WASTE/SOIL

STATUS REPORTED ON 07/14/2011

TOTAL RESIDUE (SOLIDS)
-----**DEMANDS**TOTAL ORGANIC CARBON
-----**MISCELLANEOUS**

CYANIDE (TOTAL)

IGNITABILITY

PHENOLICS

CORROSIVITY

TCLP LEACH (1311)

SPLP LEACH (1312)

REACTIVITY
-----**PESTICIDES/ PCB's**

POLYCHLORINATED BIPHENYLS

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE
-----**SOLVENTS**

OIL AND GREASE

TOTAL ORGANIC HALIDES

TPH (HEM/SGT)
-----**HERBICIDES**

DALAPON

DICAMBA

DINOSEB

PENTACHLOROPHENOL (Herbicide)

2,4-D

2,4-DB

2,4,5-T

DICHLOROPROP

2,4,5-TP (SILVEX)

MCPA

MCPP

4-NITROPHENOL (Herbicide)
-----**TRIAZINE PESTICIDES**

ALACHLOR

ATRAZINE

SIMAZINE
-----ANALYTE NAME
-----**ENVIRONMENTAL HEALTH & HOUSING**

LEAD IN DUST WIPES

LEAD IN PAINT
-----**PHYSICALS**pH
-----**METALS**

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

CHROMIUM - Hexavalent

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

STRONTIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC
-----**RESIDUE**

RCRA (SW-846) ORGANICS

VOLATILE ORGANICS (SW 8260)

ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

PHTHALATES (SW 8270)

NITROSOAMINES (SW 8270)

NITROAROMATICS & CYCLIC KETONES (SW 8270)

PAH's (SW 8270)

HALOETHERS (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

REPORT PROFILE

Report Printed on:	07/14/2011 9:58:53 AM	lab code = ID1203P
Report Name:	APPROVED TESTS_ALT_NEW	test code = *
Printed by:	dermot	matrix code = *
Report published from:	CERTIFICATION REPORTS screen #3	matrix selection = ALL OR SOME MATRICES SELECTED
		certifications approved or provisional on 07/14/2011

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