



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
REGULATORY SERVICES BRANCH  
ENVIRONMENTAL HEALTH SECTION  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

January 12, 2010

Anna Milliken  
Analytical Laboratory Services, Inc.  
34 Dogwood Lane  
Middletown, PA 17057

Dear Ms. Milliken:

Enclosed are Analytical Laboratory Services, Inc.'s new Approved Analytes List and Certificate of Approval. James L. Damschroder is listed as Registered Owner/Authorized Agent, Anna Milliken as Director (Chemistry), Megan Rebeck as Director (Microbiology) and Alan Lopez as Co-Director (Chemistry). We have added Total Chlorine Residual and DCPA, and deleted TTHM's (502.2), Endrin, 2,4-D, Dinoseb and Picloram in the Drinking Water Matrix. We have also added E. Coli-Colilert in the Non-Potable Water/Wastewater Matrix and deleted Lead (Paint) in Soil in the Solid Waste/Soil Matrix.

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

Sincerely yours,

Philip Schlossberg  
Environmental Laboratory Consultant

Phone: (860)509-7389



Telephone Device for the Deaf: (860) 509-7191  
410 Capitol Avenue - MS # 51LAB  
P.O. Box 340308 Hartford, CT 06134

*Affirmative Action / An Equal Opportunity Employer*

*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.**

LOCATED AT 34 Dogwood Lane IN Middletown, PA 17057

AND REGISTERED IN THE NAME OF James L. Damschroder

Anna Milliken - Director Chemistry  
Megan Rebuck - Director Microbiology

THIS CERTIFICATE IS ISSUED IN THE NAME OF Alan Lopez - Co-Director 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 WATER/WASTEWATER, SOLID WASTE/SOIL**

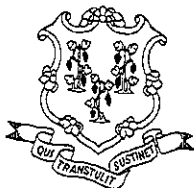
**Examination For:**

**BACTERIA**  
**INORGANIC CHEMICALS**  
**ORGANIC CHEMICALS**

**SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED**

THIS CERTIFICATE EXPIRES December 31, 2011 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

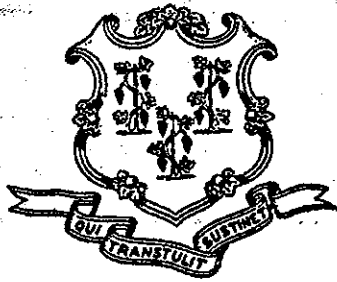
DATED AT HARTFORD, CONNECTICUT, THIS 11<sup>th</sup> DAY OF January 2010



Registration No.

PH - 0224

  
SUZANNE BLANCAFLOR, MS  
CHIEF, ENVIRONMENTAL HEALTH SECTION



STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

APPROVED ANALYTES REPORT  
FOR ALL MATRICES

**Analytical Laboratory Services, Inc.**

CT-APP-NUM

PH-0224

LOCATION

34 Dogwood Lane

Middletown

PA

17057-

PHONE

(717)-944-5541

REGISTERED OWNER/  
AUTHORIZED AGENT

James L. Damschroder

DIRECTOR

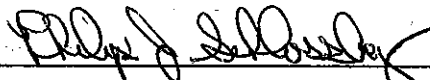
Anna Milliken (Chemistry)

CO DIRECTOR(S)

Megan Rebeck (Microbiology)

Alan Lopez (Chemistry)

APPROVED BY

  
PHILIP J. SCHLOSSBERG

DATE 01/12/2010 8:40:36 AM

LABORATORY APPROVAL EXPIRATION DATE

12/31/2011

LABORATORY STATUS

APPROVED

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

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**DRINKING WATER (SDWA)**

STATUS REPORTED ON 01/12/2010

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL  
WITH MINIMUM MDL REQUIREMENTSANALYTE NAME

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**MICROBIOLOGY/BACTERIA**

TOT COLIFORM - COLILERT (9223 Enumeration &amp; P/A)

E. COLI - COLILERT (9223 Enumeration &amp; P/A)

HPC - POUR PLATE (SM9215B)

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**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

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

THALLIUM

TIN

VANADIUM

ZINC

---

**RESIDUE**

TOTAL RESIDUE (SOLIDS)

TOTAL DISSOLVED SOLIDS

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**DEMANDS**TOTAL ORGANIC CARBON

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**MISCELLANEOUS**

CYANIDE (TOTAL)

FOAMING AGENTS (MBAS)

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**INORGANIC DISINFECTION BY-PRODUCTS**

BROMATE

BROMIDE

CHLORITE

PERCHLORATE

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**UCMR**

2,4-DINITROTOLUENE

2,6-DINITROTOLUENE

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**ORGANIC DISINFECTION BY-PRODUCTS**

BROMOCHLOROACETIC ACID

DIBROMOACETIC ACID

DICHLOROACETIC ACID

BROMOACETIC ACID

CHLOROACETIC ACID

TRICHLOROACETIC ACID

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## 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)

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## PESTICIDES/ PCB's

PCB's (as DCB, Method 508A) (SOC)

PCB's (Aroclors, Qualitative Only)

LINDANE (BHC-GAMMA) (SOC)

HEPTACHLOR (SOC)

HEPTACHLOR EPOXIDE (SOC)

HEXACHLOROBENZENE (SOC)

HEXACHLOROCYCLOPENTADIENE (SOC)

CHLORDANE (TECHNICAL) (SOC)

METHOXYCHLOR (SOC)

TOXAPHENE (SOC)

ALDRIN

DIELDRIN

METRIBUZIN

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## HERBICIDES

ACETOCHLOR

DALAPON (SOC)

DCPA

DICAMBA

PENTACHLOROPHENOL (SOC)

2,4,5-TP (SILVEX) (SOC)

DIQUAT (SOC) (EPA 549.2)

ENDOTHALL (SOC) (EPA 548.1)

GLYPHOSATE (SOC) (EPA 547)

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## PHTHALATE ESTERS & ADIPATES

BIS (2 - ETHYLHEXYL) ADIPATE (SOC)

BIS (2-EHTYLHEXYL) PHTHALATE (SOC)

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## PAHs

BENZO(a) PYRENE (SOC)

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## TRIAZINE PESTICIDES

ALACHLOR (SOC)

ATRAZINE (SOC)

BUTACHLOR

METOLACHLOR

PROPACHLOR

SIMAZINE (SOC)

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## CARBAMATE PESTICIDES

ALDICARB (SOC)

ALDICARB SULFONE (SOC)

ALDICARB SULFOXIDE (SOC)

CARBARYL

CARBOFURAN (SOC)

METHOMYL

MOLINATE

OXAMYL (SOC)

3 - HYDROXYCARBOFURAN

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# NON-POTABLE WATER/ WASTEWATER

STATUS REPORTED ON 01/12/2010

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## ANALYTE NAME

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### MICROBIOLOGY/BACTERIA

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

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### PHYSICALS

COLOR  
PH  
TEMPERATURE  
TURBIDITY  
CONDUCTIVITY

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### MINERALS

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

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### NUTRIENTS

AMMONIA  
KJELDAHL NITROGEN  
NITRATE  
NITRITE  
O-PHOSPHATE  
TOTAL PHOSPHOROUS

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### 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

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### RESIDUE

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

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### DEMANDS

BOD  
CARBONACEOUS BOD  
COD  
TOTAL ORGANIC CARBON

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### MISCELLANEOUS

CYANIDE (TOTAL)  
PHENOLICS  
FOAMING AGENTS (MBAS)

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**INORGANIC DISINFECTION BY-PRODUCTS**

BROMIDE  
PERCHLORATE

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**PESTICIDES/ PCB's**

POLYCHLORINATED BIPHENYLS  
ORGANOCHLORINE PESTICIDES (Single Response)  
CHLORDANE (TECHNICAL)  
TOXAPHENE

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**SOLVENTS**

OIL AND GREASE  
TOTAL ORGANIC HALIDES  
TPH (HEM/SGT)

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**HERBICIDES**

DALAPON  
DICAMBA  
DINOSEB  
PENTACHLOROPHENOL (Herbicide)  
2,4-D  
2,4-DB  
2,4,5-T  
DICHLOROPROP  
2,4,5-TP (SILVEX)  
MCPA  
MCP  
4-NITROPHENOL (Herbicide)

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**TRIAZINE PESTICIDES**

ALACHLOR  
ATRAZINE  
SIMAZINE

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**ORGANICS**

ACID EXTRACTABLES (PHENOLS)  
BENZIDINES  
PHTHALATE ESTERS  
NITROSAMINES  
NITROAROMATICS & ISOPHORONE  
POLYNUCLEAR AROMATIC HYDROCARBONS  
HALOETHERS  
CHLORINATED HYDROCARBONS  
VOLATILE ORGANICS

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**SOLID WASTE/SOIL**

STATUS REPORTED ON 01/12/2010

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**ANALYTE NAME**

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**ENVIRONMENTAL HEALTH & HOUSING**

LEAD IN DUST WIPES

LEAD IN PAINT

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**PHYSICALS**

PH

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**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)**

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**DEMANDS**

TOTAL ORGANIC CARBON

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**MISCELLANEOUS**

CYANIDE (TOTAL)

IGNITABILITY

PHENOLICS

CORROSIVITY

TCLP LEACH (1311)

SPLP LEACH (1312)

REACTIVITY

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**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)

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**TRIAZINE PESTICIDES**

ALACHLOR

ATRAZINE

SIMAZINE

**RCRA (SW-846) ORGANICS**

**VOLATILE ORGANICS (SW 8260)**

**ACID EXTRACTABLES (PHENOLS) (SW 8270)**

**BENZIDINES (SW 8270)**

**PHTHALATES (SW 8270)**

**NITROAMINES (SW 8270)**

**NITROAROMATICS & CYCLIC KETONES (SW 8270)**

**PAH's (SW 8270)**

**HALOETHERS (SW 8270)**

**CHLORINATED HYDROCARBONS (SW 8270)**

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**REPORT PROFILE**

<b>Report Printed on:</b>	01/12/2010 8:40:37 AM	<b>lab code =</b>	ID1203P
<b>Report Name:</b>	APPROVED TESTS_ALT_NEW	<b>test code =</b>	*
<b>Printed by:</b>	phil	<b>matrix code =</b>	*
<b>Report published from:</b>	CERTIFICATION REPORTS screen #3	<b>matrix selection =</b>	ALL OR SOME MATRICES SELECTED
		<b>certifications approved or provisional on</b>	01/12/2010

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