

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.

PHOENIX ENVIRONMENTAL LABORATORIES, INC.

LOCATED AT 587 East Middle Turnpike IN Manchester, Connecticut 06040

AND REGISTERED IN THE NAME OF Allan E. Caffyn
THIS CERTIFICATE IS ISSUED IN THE NAME OF Phyllis Shiller (Chemistry) WHO HAS BEEN DESIGNATED
Kathleen Cressia (Microbiology)

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

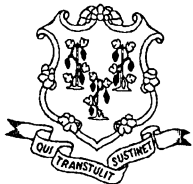
Examination For:
MICROBIOLOGICALS
INORGANIC CHEMICALS
ORGANIC CHEMICALS

PAINT CHIPS

Examination For:
LEAD

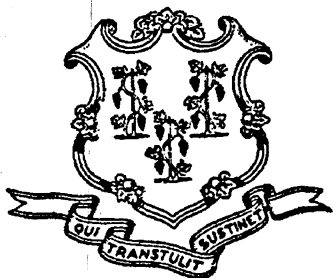
SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES June 30, 2012 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH
DATED AT HARTFORD, CONNECTICUT, THIS 15th DAY OF July, 2010



Registration
No.
PH - 0618

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

Phoenix Environmental Laboratories, Inc.

CT-APP-NUM

PH-0618

LOCATION

587 EAST MIDDLE TURNPIKE

Manchester

CT

06040-

PHONE

(860)-645-1102

REGISTERED OWNER/
AUTHORIZED AGENT

Allan Caffyn

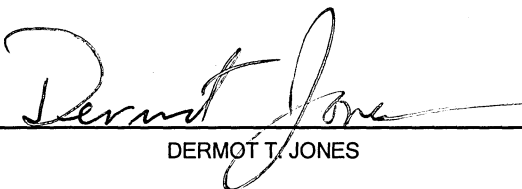
DIRECTOR

Phyllis Shiller

CO DIRECTOR(S)

Kathleen Cressia

APPROVED BY


DERMOT T. JONES

DATE 07/14/2010 12:19:37 PM

LABORATORY APPROVAL EXPIRATION DATE

06/30/2012

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 07/14/2010

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL
WITH MINIMUM MDL REQUIREMENTSANALYTE NAME

MICROBIOLOGY/BACTERIATOT. COLIFORM - MF mENDO (SM9222B)
TOT COLIFORM - COLILERT (SM9223 P/A)
E. COLI - MF NUTRIENT AGAR + MUG (SM9222G)
E. COLI - COLILERT (SM9223 P/A)
HPC - POUR PLATE (SM9215B)
FECAL COLIFORM - MF m-FC (SM9222D)
ENTEROCOCCUS - MF mEI Agar (EPA1600)
-----**PHYSICALS**COLOR
ODOR
PH
TEMPERATURE
TURBIDITY
CONDUCTIVITY
-----**MINERALS**ACIDITY
ALKALINITY
CHLORIDE
CHLORINE, TOTAL & FREE RESIDUAL
FLUORIDE
HARDNESS, CALCIUM
SULFATE
-----**NUTRIENTS**AMMONIA
NITRATE
NITRITE
O-PHOSPHATE
-----**METALS**ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORONCADMIUM
CALCIUM
CHROMIUM
CHROMIUM - Hexavalent
COBALT
COPPER
IRON
LEAD
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM
SILVER
SODIUM
THALLIUM
TIN
VANADIUM
ZINC
-----**RESIDUE**TOTAL RESIDUE (SOLIDS)
TOTAL DISSOLVED SOLIDS
-----**DEMANDS**TOTAL ORGANIC CARBON
-----**MISCELLANEOUS**CYANIDE (TOTAL)
PHENOLICS
FOAMING AGENTS (MBAS)
-----**ORGANIC DISINFECTION BY-PRODUCTS**DIBROMOACETIC ACID
DICHLOROACETIC ACID
BROMOACETIC ACID
CHLOROACETIC ACID
TRICHLOROACETIC ACID
-----**VOLATILE ORGANICS**VOLATILE ORGANICS - 524.2 (SOC)
1,2-DIBROMO-3-CHLOROPROPANE 504.1 (DBCP) (SOC)
1,4-DIOXANE (Mod 8260)

TOTAL TRIHALOMETHANES 524.2 (SOC)
ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

CARBARYL
CARBOFURAN (SOC)
METHOMYL
OXAMYL (SOC)
3 - HYDROXYCARBOFURAN

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

HERBICIDES

DALAPON (SOC)
DICAMBA
DINOSEB (SOC)
PENTACHLOROPHENOL (SOC)
PICLORAM (SOC)
2,4-D (SOC)
2,4,5-TP (SILVEX) (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)

**NON-POTABLE WATER/
WASTEWATER**

STATUS REPORTED ON 07/14/2010

ANALYTE NAME

MICROBIOLOGY/BACTERIA

TOT. COLIFORM - MF mENDO (SM9222B)
E. COLI - MF NUTRIENT AGAR + MUG (SM9222G)
HPC - POUR PLATE (SM9215B)
FECAL COLIFORM - MF m-FC (SM9222D)
ENTEROCOCCUS - MF mEI Agar (EPA1600)
FECAL STREPT - MF mEnterococcus Agar (SM9230C)

PHYSICALS

COLOR
ODOR
PH
TEMPERATURE
TURBIDITY
CONDUCTIVITY

MINERALS

ACIDITY
ALKALINITY
CHLORIDE
CHLORINE, TOTAL & FREE RESIDUAL
FLUORIDE
HARDNESS, TOTAL
HARDNESS, CALCIUM
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

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

OIL AND GREASE

TPH (HEM/SGT)

CT Extractable Petroleum Hydrocarbons (ETPH)

HERBICIDES

DICAMBA

2,4-D

2,4,5-T

2,4,5-TP (SILVEX)

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 07/14/2010

ANALYTE NAME

ENVIRONMENTAL HEALTH & HOUSINGLEAD IN PAINT

PHYSICALSPH

MINERALSSULFIDE

NUTRIENTS

AMMONIA

KJELDAHL NITROGEN

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

DEMANDSTOTAL 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)

CT Extractable Petroleum Hydrocarbons (ETPH)

HERBICIDES

DICAMBA

2,4-D

2,4,5-T

2,4,5-TP (SILVEX)

TRIAZINE PESTICIDES

ALACHLOR

ATRAZINE

SIMAZINE

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: 07/14/2010 12:19:38 PM lab code = ID1021P
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certifications approved or provisional on 07/14/2010

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