

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.

EASTERN ANALYTICAL, INC.

LOCATED AT 25 Chenell Drive IN Concord, NH 03301

AND REGISTERED IN THE NAME OF Lorraine Olashaw

THIS CERTIFICATE IS ISSUED IN THE NAME OF Lorraine Olashaw 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:

MICROBIOLOGICALS

INORGANIC CHEMICALS

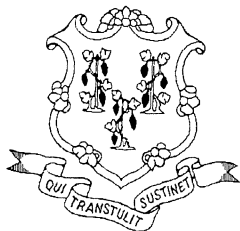
ORGANIC CHEMICALS

RADIOCHEMICALS

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES March 31, 2016 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

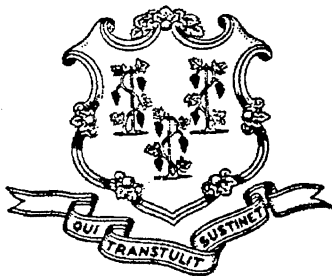
DATED AT HARTFORD, CONNECTICUT, THIS 10th DAY OF April, 2014



Registration No.

PH - 0492

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION



STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

CERTIFIED ANALYTES REPORT
FOR ALL MATRICES
Eastern Analytical, Inc.

CT-APP-NUM

PH-0492

LOCATION

25 CHENELL DRIVE

Concord

NH

03301-3425

PHONE

(800)-287-0525

REGISTERED OWNER/
AUTHORIZED AGENT

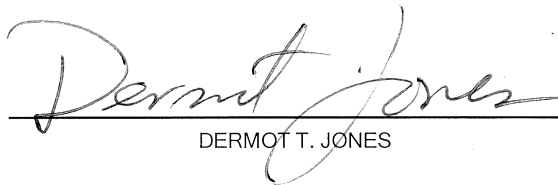
Lorraine Olashaw

DIRECTOR

Lorraine Olashaw

CO DIRECTOR(S)

APPROVED BY


DERMOT T. JONES

DATE 05/16/2014 3:17:25 PM

LABORATORY APPROVAL EXPIRATION DATE

03/31/2016

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 05/16/2014

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL
WITH MINIMUM MDL REQUIREMENTS

ANALYTE NAME

MICROBIOLOGY/BACTERIA

TOT COLIFORM - COLILERT (SM9223 Enumeration & P/A)

TOT COLIFORM - COLISURE (SM9223)

E. COLI - COLILERT (SM9223 Enumeration & P/A)

E.COLI - COLISURE (SM9223)

HPC - POUR PLATE (SM9215B)

PHYSICALS

COLOR

pH

TURBIDITY

CONDUCTIVITY

MINERALS

ALKALINITY

CHLORIDE

CHLORINE, FREE RESIDUAL

CHLORINE, TOTAL RESIDUAL

FLUORIDE

HARDNESS, TOTAL

HARDNESS, CALCIUM

SILICA

SULFATE

NUTRIENTS

AMMONIA

NITRATE

NITRITE

O-PHOSPHATE

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

THALLIUM

VANADIUM

ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)

TOTAL DISSOLVED SOLIDS

TOTAL SUSPENDED SOLIDS

DEMANDS

TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)

INORGANIC DISINFECTION BY-PRODUCTS

PERCHLORATE

ORGANIC DISINFECTION BY-PRODUCTS

DIBROMOACETIC ACID

DICHLOROACETIC ACID

BROMOACETIC ACID

CHLOROACETIC ACID

TRICHLOROACETIC ACID

VOLATILE ORGANICS

VOLATILE ORGANICS - 524.2 (SOCs)

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)

PESTICIDES/ PCB's

LINDANE (BHC-GAMMA) (SOC)

HEPTACHLOR (SOC)

HEPTACHLOR EPOXIDE (SOC)

HEXACHLOROBENZENE (SOC)

HEXACHLOROCYCLOPENTADIENE (SOC)

CHLORDANE (TECHNICAL) (SOC)

ENDRIN (SOC)

METHOXYCHLOR (SOC)

TOXAPHENE (SOC)

ALDRIN

DIELDRIN

PHTHALATE ESTERS & ADIPATES

BIS (2 - ETHYLHEXYL) ADIPATE (SOC)

BIS (2-ETHYLHEXYL) PHTHALATE (SOC)

PAHs

BENZO(a) PYRENE (SOC)

TRIAZINE PESTICIDES

ALACHLOR (SOC)

ATRAZINE (SOC)

BUTACHLOR

METOLACHLOR

PROPACHLOR

SIMAZINE (SOC)

RADIOCHEMICALS

URANIUM - EPA 200.8

NON-POTABLE WATER/ WASTEWATER

STATUS REPORTED ON 05/16/2014

ANALYTE NAME

MICROBIOLOGY/BACTERIA

TOT COLIFORM - MTF (SM9221B)
E. COLI - COLILERT (SM9223 Enumeration)
E. COLI - EC MEDIUM + MUG (SM9221B/F)
FECAL COLIFORM- EC Medium(SM9221E)
ENTEROCOCCUS - ENTEROLERT
FECAL STREPT.- MTF Azide/Dextrose (SM9230B)

PHYSICALS

COLOR
pH
TURBIDITY
CONDUCTIVITY

MINERALS

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

NUTRIENTS

AMMONIA
KJELDAHL NITROGEN
NITRATE
NITRITE
O-PHOSPHATE
TOTAL PHOSPHOROUS

METALS

ALUMINUM
ANTIMONY
ARSENIC
BARIUM

BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
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
CORROSIVITY

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

PCB IN OIL

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

OIL AND GREASE

TPH (HEM/SGT)

MA Volatile Petroleum Hydrocarbons (VPH)

MA Extractable Petroleum Hydrocarbons (EPH)

ORGANICS

ACID EXTRACTABLES (PHENOLS)

BENZIDINES

PHTHALATE ESTERS

NITROSAMINES

NITROAROMATICS & ISOPHORONE

POLYNUCLEAR AROMATIC HYDROCARBONS

HALOETHERS

CHLORINATED HYDROCARBONS

VOLATILE ORGANICS

SOLID WASTE/SOIL

STATUS REPORTED ON 05/16/2014

ANALYTE NAME

PHYSICALS

pH

MINERALS

SILICA

SULFIDE

NUTRIENTS

KJELDAHL NITROGEN

TOTAL PHOSPHOROUS

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

STRONTIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

MISCELLANEOUS

CYANIDE (TOTAL)

CORROSIVITY

TCLP LEACH (1311)

SPLP LEACH (1312)

REACTIVITY

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

PCB IN OIL

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

MA Volatile Petroleum Hydrocarbons (VPH)

MA Extractable Petroleum Hydrocarbons (EPH)

RCRA (SW-846) ORGANICS

VOLATILE ORGANICS (SW 8260)

ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

PHTHALATES (SW 8270)

NITROSOAMINES (SW 8270)

NITROAROMATICS & ISOPHORONE (SW 8270)

PAH's (SW 8270)

HALOETHERS (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

REPORT PROFILE**Report Printed on:** 05/16/2014 3:17:25 PM**Report Name:** APPROVED TESTS_ALT_NEW**Printed by:** dermat**Report published from:** CERTIFICATION REPORTS screen #3

lab code = ID1164P

test code = *

matrix code = *

matrix selection = ALL OR SOME MATRICES SELECTED

certifications approved or provisional on 05/16/2014

THIS IS THE LAST PAGE OF THE REPORT