

# 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.

### EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC

LOCATED AT 2425 New Holland Pike IN Lancaster, PA 17601-5994

AND REGISTERED IN THE NAME OF

Duane Luckenbill

Duane Luckenbill (Chemistry)

THIS CERTIFICATE IS ISSUED IN THE NAME OF Robert Strocko Co-Director (Microbiology) 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:

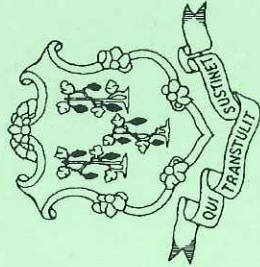
BACTERIA

INORGANIC CHEMICALS

ORGANIC CHEMICALS

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES June 30, 2019 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH DATED AT HARTFORD, CONNECTICUT, THIS 5<sup>th</sup> DAY OF July 2017



Registration No.

PH - 0746

SUZANNE BLANCAFLOR, MS, MPH  
CHIEF, ENVIRONMENTAL HEALTH SECTION



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION



## ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM CERTIFIED ANALYTES REPORT FOR ALL MATRICES

### Eurofins Lancaster Labs Environmental, LLC

2425 NEW HOLLAND PIKE  
LANCASTER, PA 17601

CT REGISTRATION NUMBER :

REGISTERED OWNER / AUTHORIZED AGENT : Duane Luckenbill

DIRECTOR : Duane Luckenbill

CO DIRECTOR(S) : Robert Strocko

PHONE : (717) 656-2300

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

LABORATORY STATUS :

APPROVED BY *Barbara S. Cass*  
Barbara S. Cass, R.N  
Branch Chief, Healthcare Quality and Safety Branch

REVIEWED BY \_\_\_\_\_ 12/6/2018 10:19:39 AM  
DERMOT JONES

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 12/6/2018

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## ANALYTE NAME

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### PHYSICALS

COLOR	CONDUCTIVITY
pH	TURBIDITY

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### MINERALS

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

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### NUTRIENTS

NITRATE	NITRITE
O-PHOSPHATE	

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### METALS

ALUMINUM	
ANTIMONY	ARSENIC
BARIUM	BERYLLIUM
CADMIUM	CALCIUM
CHROMIUM	COBALT
COPPER	IRON
LEAD	MAGNESIUM
MANGANESE	MERCURY
NICKEL	POTASSIUM
SELENIUM	SILVER
SODIUM	THALLIUM
TIN	VANADIUM
ZINC	

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### RESIDUE

TOTAL DISSOLVED SOLIDS	TOTAL RESIDUE (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

BROMIDE
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**VOLATILE ORGANICS**

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TOTAL TRIHALOMETHANES 524.2 (SOC)

VINYL CHLORIDE - 524.2

VOLATILE ORGANICS - 524.2 (SOCs)

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**PESTICIDES/ PCB'S**

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ALDRIN

CHLORDANE (TECHNICAL) (SOC)

DIELDRIN

ENDRIN (SOC)

HEPTACHLOR (SOC)

HEPTACHLOR EPOXIDE (SOC)

HEXACHLOROBENZENE (SOC)

HEXACHLOROCYCLOPENTADIENE (SOC)

LINDANE (BHC-GAMMA) (SOC)

METHOXYCHLOR (SOC)

METRIBUZIN

TOXAPHENE (SOC)

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**PHTHALATE ESTERS & ADIPATES**

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BIS (2 - ETHYLHEXYL) ADIPATE (SOC)

BIS (2-EHTYLHEXYL) PHTHALATE (SOC)

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**PAHS**

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BENZO(a) PYRENE (SOC)

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**TRIAZINE PESTICIDES**

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ALACHLOR (SOC)

ATRAZINE (SOC)

BUTACHLOR

PROPACHLOR

SIMAZINE (SOC)

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**CARBAMATE PESTICIDES**

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3 - HYDROXYCARBOFURAN

ALDICARB (SOC)

ALDICARB SULFONE (SOC)

ALDICARB SULFOXIDE (SOC)

CARBARYL

CARBOFURAN (SOC)

METHOMYL

OXAMYL (SOC)

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**DIOXINS AND FURANS**

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2,3,7,8-TCDD (DIOXIN) (SOC)

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# NON-POTABLE WATER/ WASTEWATER (CWA)

STATUS REPORTED ON 12/6/2018

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## ANALYTE NAME

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### PHYSICALS

COLOR

CONDUCTIVITY

pH

TURBIDITY

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### MINERALS

ALKALINITY

CHLORIDE

CHLORINE, TOTAL RESIDUAL

FLUORIDE

HARDNESS, TOTAL

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 DISSOLVED SOLIDS

TOTAL RESIDUE (SOLIDS)

TOTAL SUSPENDED SOLIDS

TOTAL VOLATILE RESIDUE

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**DEMANDS**

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BOD	CARBONACEOUS BOD
COD	TOTAL ORGANIC CARBON

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**MISCELLANEOUS**

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CYANIDE (TOTAL)	
FOAMING AGENTS (MBAS)	FORMALDEHYDE
PHENOLICS	

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**INORGANIC DISINFECTION BY-PRODUCTS**

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BROMIDE
PERCHLORATE

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**VOLATILE ORGANICS**

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VOLATILE ORGANICS - 624.1
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**PESTICIDES/ PCB'S**

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CHLORDANE (TECHNICAL)	
ORGANOCHLORINE PESTICIDES - 608.3	PCBs - 608.3
TOXAPHENE	

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**SOLVENTS**

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CT Extractable Petroleum Hydrocarbons (ETPH)	MA Extractable Petroleum Hydrocarbons (EPH)
MA Volatile Petroleum Hydrocarbons (VPH)	OIL & GREASE

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**HERBICIDES**

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

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**TRIAZINE PESTICIDES**

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ALACHLOR	ATRAZINE
SIMAZINE	

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**DIOXINS AND FURANS**

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2,3,7,8-TCDD (DIOXIN)	DIOXINS AND FURANS (ALL)
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**ORGANICS**

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

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**SEMIVOLATILES**

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SEMIVOLATILES - 625.1

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# SOLID WASTE/SOIL (RCRA)

STATUS REPORTED ON 12/6/2018

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## ANALYTE NAME

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### PHYSICALS

pH

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### NUTRIENTS

AMMONIA 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

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### DEMANDS

TOTAL ORGANIC CARBON

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### MISCELLANEOUS

CORROSIVITY	CYANIDE (TOTAL)
FORMALDEHYDE	IGNITABILITY
PHENOLICS	REACTIVITY
SPLP LEACH (1312)	TCLP LEACH (1311)

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### PESTICIDES/ PCB'S

CHLORDANE (TECHNICAL)	ORGANOCHLORINE PESTICIDES (Single Response)
PCB IN OIL	POLYCHLORINATED BIPHENYLS
TOXAPHENE	



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**SOLVENTS**

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CT Extractable Petroleum Hydrocarbons (ETPH)

MA Extractable Petroleum Hydrocarbons (EPH)

OIL &amp; GREASE

MA Volatile Petroleum Hydrocarbons (VPH)

TPH (HEM/SGT)

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**HERBICIDES**

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2,4,5-T

2,4-D

DALAPON

DICHLOROPROP

MCPA

PENTACHLOROPHENOL (Herbicide)

2,4,5-TP (SILVEX)

2,4-DB

DICAMBA

DINOSEB

MCPP

---

**TRIAZINE PESTICIDES**

---

ALACHLOR

SIMAZINE

ATRAZINE

---

**CARBAMATE PESTICIDES**

---

ALDICARB

---

**DIOXINS AND FURANS**

---

2,3,7,8-TCDD (DIOXIN)

DIOXINS AND FURANS (ALL)

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**RCRA (SW-846) ORGANICS**

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ACID EXTRACTABLES (PHENOLS) (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

NITROAROMATICS &amp; CYCLIC KETONES (SW 8270)

PAH's (SW 8270)

VOLATILE ORGANICS (SW 8260)

BENZIDINES (SW 8270)

HALOETHERS (SW 8270)

NITROSOAMINES (SW 8270)

PHTHALATES (SW 8270)

**Report Profile:** Lab Name : Eurofins Lancaster Labs Environmental, LLC

Test Name : \*

Matrix Name : \*

Matrix Selection = ALL OR SOME MATRICES SELECTED

Certifications approved or provisional on 12/6/2018

THIS IS THE LAST PAGE OF THE REPORT