

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.

EMSL ANALYTICAL – NJ

LOCATED AT 200 Route 130 North IN Cinnaminson, NJ 08077

AND REGISTERED IN THE NAME OF Daniel B. Kocher

THIS CERTIFICATE IS ISSUED IN THE NAME OF Phillip Worby – Director WHO HAS BEEN DESIGNATED
Nicholas Straccione – Co-Director
Bin Wang-Co-Director

BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

<u>Drinking Water, Non-Potable Water/Wastewater,</u>	<u>Environmental Health and Housing</u>	<u>Building Materials</u>
<u>Solid Waste/Soils</u>	<u>Lead in Paint</u>	<u>Bulk Identification-PLM,TEM</u>
<u>Microbiologicals</u>	<u>Lead in Dust Wipes</u>	<u>Asbestos Fibers-PCM,TEM</u>
<u>Organic Chemicals</u>	<u>Lead Paint in Soil</u>	
<u>Inorganic Chemicals</u>		
<u>Radiochemicals</u>		

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

EFFECTIVE RENEWAL DATE July 1, 2020

THIS CERTIFICATE EXPIRES June 30, 2022 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 17th DAY OF February, 2021



Registration #

PH – 0270

Lori J. Mathieu
Public Health Branch Chief
Environmental Health & Drinking Water Branch



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
FACILITY LICENSING & INVESTIGATIONS SECTION



ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM CERTIFIED ANALYTES REPORT FOR ALL MATRICES

EMSL Analytical, Inc.- NJ

200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

CT REGISTRATION NUMBER :

REGISTERED OWNER / AUTHORIZED AGENT : Daniel B. Kocher

DIRECTOR : Phillip Worby

CO DIRECTOR(S) : Nicholas Straccione

PHONE : (800) 220-3675

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

LABORATORY STATUS :

APPROVED BY

Lori J. Mathieu
Public Health Branch Chief
Environmental Health & Drinking Water Branch

REVIEWED BY

2/19/2021 2:31:18 PM

Shinu Zachariah
Laboratory Consultant/Certification Officer

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

CONSTRUCTION, RENOVATION & DEMO BLDG MATERIALS

STATUS REPORTED ON 2/19/2021

ANALYTE NAME

ASBESTOS

ASBESTOS FIBERS (PCM & TEM)

ASBESTOS IN BULK MATERIALS (PLM & TEM)

DRINKING WATER (SDWA)

STATUS REPORTED ON 2/19/2021

ANALYTE NAME

MICROBIOLOGY/BACTERIA

CRYPTOSPORIDIUM - (Filtration/1MS/FA) EPA1623.1	E. COLI - COLILERT (SM9223 Enumeration & P/A)
GIARDIA (Filtration/1MS/FA) EPA1623.1	LEGIONELLA - ISO 11731
TOT COLIFORM - COLILERT (SM9223 Enumeration & P/A)	

PHYSICALS

COLOR	
CONDUCTIVITY	pH
TEMPERATURE	TURBIDITY

MINERALS

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

NUTRIENTS

NITRATE	NITRITE
O-PHOSPHATE	

METALS

ALUMINUM	
ANTIMONY	ARSENIC
BARIUM	BERYLLIUM
CADMIUM	CALCIUM
CHROMIUM	COPPER
IRON	LEAD
MAGNESIUM	MANGANESE
MERCURY	SELENIUM
SILVER	SODIUM
THALLIUM	ZINC

RESIDUE

TOTAL DISSOLVED SOLIDS

MISCELLANEOUS

CYANIDE (TOTAL)	FOAMING AGENTS (MBAS)
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INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

VOLATILE ORGANICS

1,2-DIBROMO-3-CHLOROPROPANE 504.1 (DBCP)
(SOC)

ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

TOTAL TRIHALOMETHANES 524.2 (SOC)

VOLATILE ORGANICS - 524.2 (SOCs)

RADIOCHEMICALS

GROSS ALPHA - EPA 900.0

GROSS BETA - EPA 900.0

RADIUM - 226 EPA 903.0

RADIUM - 228 EPA 904.0

TRITIUM - EPA 906.0

URANIUM - EPA 200.8

NON-POTABLE WATER/ WASTEWATER (CWA)

STATUS REPORTED ON 2/19/2021

ANALYTE NAME

MICROBIOLOGY/BACTERIA

LEGIONELLA - ISO 11731

PHYSICALS

COLOR

CONDUCTIVITY

pH

TEMPERATURE

TURBIDITY

MINERALS

ACIDITY

ALKALINITY

CHLORIDE

CHLORINE, FREE RESIDUAL

CHLORINE, TOTAL RESIDUAL

FLUORIDE

HARDNESS, CALCIUM

HARDNESS, TOTAL

SILICA

SULFATE

SULFIDE

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

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

RESIDUE

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

DEMANDS

BOD	CARBONACEOUS BOD
COD	

MISCELLANEOUS

CYANIDE (TOTAL)	FOAMING AGENTS (MBAS)
PHENOLICS	

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

VOLATILE ORGANICS

VOLATILE ORGANICS - 624.1

PESTICIDES/ PCB'S

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

SOLVENTS

OIL & GREASE
TPH (HEM/SGT)

HERBICIDES

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

ORGANICS

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

RADIOCHEMICALS

GROSS ALPHA - EPA 900.0	GROSS BETA - EPA 900.0
RADIUM - 226 EPA 903.0	RADIUM - 228 EPA 904.0
TRITIUM - EPA 906.0	URANIUM - EPA 200.8

ASBESTOS

ASBESTOS IN WATER (TEM)

SEMIVOLATILES

SEMIVOLATILES - 625.1

SOLID WASTE/SOIL (RCRA)

STATUS REPORTED ON 2/19/2021

ANALYTE NAME

PHYSICALS

pH

MINERALS

SULFIDE

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

STRONTIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)

TOTAL VOLATILE RESIDUE

MISCELLANEOUS

CORROSIVITY

CYANIDE (TOTAL)

IGNITABILITY

PHENOLICS

REACTIVITY

SPLP LEACH (1312)

TCLP LEACH (1311)

PESTICIDES/ PCB'S

CHLORDANE (TECHNICAL)

ORGANOCHLORINE PESTICIDES (Single Response)

POLYCHLORINATED BIPHENYLS

TOXAPHENE

SOLVENTS

OIL & GREASE

TPH (HEM/SGT)

RCRA (SW-846) ORGANICS

ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

HALOETHERS (SW 8270)

NITROAROMATICS & CYCLIC KETONES (SW 8270)

NITROSOAMINES (SW 8270)

PAH's (SW 8270)

PHTHALATES (SW 8270)

VOLATILE ORGANICS (SW 8260)

ENVIRONMENTAL HEALTH & HOUSING

LEAD (PAINT) IN SOIL

LEAD IN DUST WIPES

LEAD IN PAINT