

# 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 Owen Mckenna – Director WHO HAS BEEN DESIGNATED  
Nicholas Straccione, Peter Harrison,  
Vincent Iuzzolino-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, 2022

THIS CERTIFICATE EXPIRES June 30, 2024 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 22nd DAY OF July 2022



Registration #

PH – 0270

Lori J. Mathieu

Public Health Branch Chief

Environmental Health & Drinking Water Branch



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
Environmental Health and Drinking Water Branch



## 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 : Owen McKenna

CO DIRECTOR(S) : Nicholas Straccione, Vincent  
Iuzzolino, Peter Harrison

PHONE : (800) 220-3675

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

LABORATORY STATUS :

APPROVED BY *Lori J. Mathieu '22*  
Lori J Mathieu  
Public Health Branch Chief  
Environmental Health & Drinking Water Branch

REVIEWED BY *Dawn E. Shaban* 7/22/2022 11:40:38 AM  
Dawn Shaban  
Laboratory Consultant/Certification Officer

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

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# CONSTRUCTION, RENOVATION & DEMO BLDG MATERIALS

STATUS REPORTED ON 7/22/2022

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## ANALYTE NAME

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**ASBESTOS**

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ASBESTOS FIBERS (PCM & TEM)

ASBESTOS IN BULK MATERIALS (PLM & TEM)

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# DRINKING WATER (SDWA)

STATUS REPORTED ON 7/22/2022

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## ANALYTE NAME

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### MICROBIOLOGY/BACTERIA

CRYPTOSPORIDIUM - (Filtration/1MS/FA)  
EPA1623.1

E. COLI - COLILERT (SM9223 Enumeration)

GIARDIA (Filtration/1MS/FA) EPA1623.1

TOT COLIFORM - COLILERT (SM9223  
Enumeration)

E. COLI - COLILERT (SM9223 P/A)

LEGIONELLA - ISO 11731

TOT COLIFORM - COLILERT (SM9223 P/A)

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### PHYSICALS

COLOR

pH

CONDUCTIVITY

TURBIDITY

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### MINERALS

ALKALINITY

CHLORINE, FREE RESIDUAL

FLUORIDE

HARDNESS, TOTAL

SULFATE

CHLORIDE

CHLORINE, TOTAL RESIDUAL

HARDNESS, CALCIUM

SILICA

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### NUTRIENTS

NITRATE

NITRITE

O-PHOSPHATE

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### METALS

ALUMINUM

ARSENIC

BERYLLIUM

CALCIUM

COPPER

LEAD

MANGANESE

SELENIUM

SODIUM

ZINC

ANTIMONY

BARIUM

CADMIUM

CHROMIUM

IRON

MAGNESIUM

MERCURY

SILVER

THALLIUM

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### RESIDUE

TOTAL DISSOLVED SOLIDS

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### MISCELLANEOUS

CYANIDE (TOTAL)

FOAMING AGENTS (MBAS)

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**INORGANIC DISINFECTION BY-PRODUCTS**

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BROMIDE

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**VOLATILE ORGANICS**

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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)

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**RADIOCHEMICALS**

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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

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**ASBESTOS**

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ASBESTOS IN WATER (TEM)

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**PERFLUORINATED COMPOUNDS**

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Per&Polyfluorinated Alkyl Substances (PFAS)-537.1 Perfluorinated Compounds (PFCs)-537

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# NON-POTABLE WATER/ WASTEWATER (CWA)

STATUS REPORTED ON 7/22/2022

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## ANALYTE NAME

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### MICROBIOLOGY/BACTERIA

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LEGIONELLA - ISO 11731

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### PHYSICALS

COLOR

CONDUCTIVITY

pH

TEMPERATURE

TURBIDITY

---

---

### MINERALS

ACIDITY

ALKALINITY

CHLORIDE

CHLORINE, FREE RESIDUAL

CHLORINE, TOTAL RESIDUAL

FLUORIDE

HARDNESS, CALCIUM

HARDNESS, TOTAL

SILICA

SULFATE

SULFIDE

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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

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

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**RESIDUE**

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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	

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**MISCELLANEOUS**

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CYANIDE (TOTAL)	FOAMING AGENTS (MBAS)
PHENOLICS	

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**INORGANIC DISINFECTION BY-PRODUCTS**

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BROMIDE

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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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OIL & GREASE  
TPH (HEM/SGT)

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**HERBICIDES**

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

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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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**RADIOCHEMICALS**

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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

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**ASBESTOS**

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ASBESTOS IN WATER (TEM)

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**SEMIVOLATILES**

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SEMIVOLATILES - 625.1

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# SOLID WASTE/SOIL (RCRA)

STATUS REPORTED ON 7/22/2022

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## ANALYTE NAME

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### PHYSICALS

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pH

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### 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

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### MISCELLANEOUS

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CORROSIVITY

---

CYANIDE (TOTAL)

PHENOLICS

REACTIVITY

SPLP LEACH (1312)

TCLP LEACH (1311)

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### PESTICIDES/ PCB'S

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CHLORDANE (TECHNICAL)

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ORGANOCHLORINE PESTICIDES (Single Response)

POLYCHLORINATED BIPHENYLS

TOXAPHENE



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**SOLVENTS**

---

OIL &amp; GREASE

TPH (HEM/SGT)

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**RCRA (SW-846) ORGANICS**

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ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

HALOETHERS (SW 8270)

NITROAROMATICS &amp; CYCLIC KETONES (SW 8270)

NITROSOAMINES (SW 8270)

PAH's (SW 8270)

PHTHALATES (SW 8270)

VOLATILE ORGANICS (SW 8260)

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**ENVIRONMENTAL HEALTH & HOUSING**

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LEAD (PAINT) IN SOIL

LEAD IN DUST WIPES

LEAD IN PAINT

**Report Profile:** Lab Name : EMSL Analytical, Inc.- NJ  
Test Name : \*  
Matrix Name : \*  
Matrix Selection = ALL OR SOME MATRICES SELECTED  
Certifications approved or provisional on 7/22/2022

THIS IS THE LAST PAGE OF THE REPORT