

# 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.

### R.I. ANALYTICAL LABORATORIES, INC.

LOCATED AT 41 Illinois Avenue IN Warwick, RI 02888

AND REGISTERED IN THE NAME OF Paul Perrotti

THIS CERTIFICATE IS ISSUED IN THE NAME OF Katie Amaral 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

Examination For:  
Organic Chemicals  
Inorganic Chemicals

#### ENVIRONMENTAL HEALTH & HOUSING

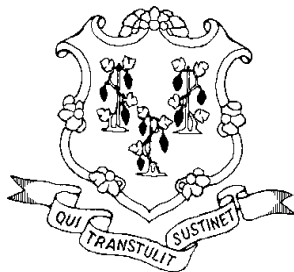
Examination For:  
Lead in Paint  
Lead in Dust Wipes  
Lead Paint in Soil

#### SEE CERTIFIED PARAMETER LIST FOR SPECIFIC TESTS APPROVED

EFFECTIVE RENEWAL DATE April 1, 2024

THIS CERTIFICATE EXPIRES March 31, 2026 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 25<sup>th</sup> DAY OF March, 2024



Registration No.

PH - 0508

Manisha Juthani, MD  
Commissioner



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
Environmental Health and Drinking Water Branch



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

### RI Analytical Laboratories, Inc.

41 ILLINOIS AVENUE  
WARWICK, RI 02888

CT REGISTRATION NUMBER :

REGISTERED OWNER / AUTHORIZED AGENT : Paul Perrotti

DIRECTOR : Katie Amaral

CO DIRECTOR(S) :

PHONE : (401) 737-8500

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

LABORATORY STATUS :

APPROVED BY  3-28-2024  
Manisha Juthani, MD  
Commissioner

REVIEWED BY  3/25/2024 11:10:28 AM  
Nicole Paradise  
Laboratory Consultant

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 3/25/2024

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## ANALYTE NAME

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### INORGANIC PHYSICAL PARAMETERS

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Conductivity EPA 120.1

pH SM4500H+B

Turbidity EPA 180.1

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### INORGANIC MINERALS PARAMETERS

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Alkalinity as CaCO<sub>3</sub> SM2320B

Chloride EPA 300.0

Fluoride EPA 300.0

Sulfate EPA 300.0

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### INORGANIC NUTRIENT PARAMETERS

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Nitrate as N EPA 300.0

Nitrite as N EPA 300.0

Orthophosphate as P SM4500P E

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### METALS

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Aluminum EPA 200.7

Aluminum EPA 200.8

Antimony EPA 200.8

Arsenic EPA 200.8

Barium EPA 200.7

Barium EPA 200.8

Beryllium EPA 200.7

Beryllium EPA 200.8

Boron EPA 200.7

Cadmium EPA 200.7

Cadmium EPA 200.8

Calcium EPA 200.7

Chromium EPA 200.7

Chromium EPA 200.8

Copper EPA 200.7

Copper EPA 200.8

Iron EPA 200.7

Lead EPA 200.8

Magnesium EPA 200.7

Manganese EPA 200.7

Manganese EPA 200.8

Mercury EPA 245.1

Molybdenum EPA 200.8

Nickel EPA 200.7

Nickel EPA 200.8

Potassium EPA 200.7

Selenium EPA 200.8

Silver EPA 200.7

Silver EPA 200.8

Sodium EPA 200.7

Thallium EPA 200.8

Vanadium EPA 200.7

Vanadium EPA 200.8

Zinc EPA 200.7

Zinc EPA 200.8

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### INORGANIC SOLIDS

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Total Dissolved Solids (TDS) SM2540 C

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### INORGANIC MISCELLANEOUS PARAMETERS

---

Cyanide, Total SM4500CN E

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**DISINFECTANT RESIDUALS**

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Chlorine SM4500Cl G

Free chlorine SM4500Cl G

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**INORGANIC DISINFECTION BY-PRODUCTS**

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Chlorite EPA 300.0

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**ORGANIC DISINFECTION BY-PRODUCTS**

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Dibromoacetic acid EPA 552.2

Dichloroacetic Acid EPA 552.2

Monobromoacetic acid EPA 552.2

Monochloroacetic acid EPA 552.2

Trichloroacetic Acid EPA 552.2

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**VOLATILE ORGANICS**

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1,1,1,2-Tetrachloroethane EPA 524.2

1,1,1-Trichloroethane EPA 524.2

1,1,2,2-Tetrachloroethane EPA 524.2

1,1,2-Trichloroethane EPA 524.2

1,1-Dichloroethane EPA 524.2

1,1-Dichloroethene EPA 524.2

1,1-Dichloropropene EPA 524.2

1,2,3-Trichlorobenzene EPA 524.2

1,2,3-Trichloropropane EPA 524.2

1,2,4-Trichlorobenzene EPA 524.2

1,2,4-Trimethylbenzene EPA 524.2

1,2-Dichlorobenzene EPA 524.2

1,2-Dichloroethane EPA 524.2

1,2-Dichloropropane EPA 524.2

1,3,5-Trimethylbenzene EPA 524.2

1,3-Dichlorobenzene EPA 524.2

1,3-Dichloropropane EPA 524.2

1,4-Dichlorobenzene EPA 524.2

2,2-Dichloropropane EPA 524.2

2-Chlorotoluene EPA 524.2

4-Chlorotoluene EPA 524.2

4-Isopropyltoluene EPA 524.2

Acetone EPA 524.2

Benzene EPA 524.2

Bromobenzene EPA 524.2

Bromochloromethane EPA 524.2

Bromodichloromethane EPA 524.2

Bromoform EPA 524.2

Bromomethane EPA 524.2

Carbon Disulfide EPA 524.2

Carbon Tetrachloride EPA 524.2

Chlorobenzene EPA 524.2

Chloroethane EPA 524.2

Chloroform EPA 524.2

Chloromethane EPA 524.2

cis-1,2 Dichloroethene EPA 524.2

Dibromochloromethane EPA 524.2

Dibromomethane EPA 524.2

Dichlorodifluoromethane EPA 524.2

Ethylbenzene EPA 524.2

Hexachlorobutadiene EPA 524.2

Isopropylbenzene EPA 524.2

Methyl-tert-butyl-ether EPA 524.2

Methylene chloride EPA 524.2

n-Butylbenzene EPA 524.2

n-Propylbenzene EPA 524.2

Naphthalene EPA 524.2

sec-Butylbenzene EPA 524.2

Styrene EPA 524.2

tert-Butylbenzene EPA 524.2

Tetrachloroethene EPA 524.2

Toluene EPA 524.2

Total Trihalomethanes EPA 524.2

trans-1,2-Dichloroethene EPA 524.2

Trichloroethene EPA 524.2

Trichlorofluoromethane EPA 524.2

Vinyl Chloride EPA 524.2

Xylenes, Total EPA 524.2

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# NON-POTABLE WATER/ WASTEWATER (CWA)

STATUS REPORTED ON 3/25/2024

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## ANALYTE NAME

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### INORGANIC PHYSICAL PARAMETERS

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Conductivity EPA 120.1

pH SM4500H+B

Turbidity EPA 180.1

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### INORGANIC MINERALS PARAMETERS

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Alkalinity as CaCO<sub>3</sub> SM2320B

Calcium Hardness EPA 200.7

Chloride EPA 300.0

Fluoride EPA 300.0

Silica as SiO<sub>2</sub> SM4500SiO<sub>2</sub> D

Sulfate EPA 300.0

Sulfide SM 4500-S2 F

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### INORGANIC NUTRIENT PARAMETERS

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Ammonia as N EPA 350.1

Kjeldahl Nitrogen, Total SM 4500-Norg D

Nitrate as N EPA 300.0

Nitrite as N EPA 300.0

Orthophosphate as P SM4500P E

Phosphorus, Total SM 4500-P E

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### METALS

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Aluminum EPA 200.7

Aluminum EPA 200.8

Antimony EPA 200.7

Antimony EPA 200.8

Arsenic EPA 200.7

Arsenic EPA 200.8

Barium EPA 200.7

Beryllium EPA 200.7

Beryllium EPA 200.8

Boron EPA 200.7

Cadmium EPA 200.7

Cadmium EPA 200.8

Calcium EPA 200.7

Chromium EPA 200.7

Chromium EPA 200.8

Cobalt EPA 200.7

Cobalt EPA 200.8

Copper EPA 200.7

Copper EPA 200.8

Iron EPA 200.7

Lead EPA 200.7

Lead EPA 200.8

Magnesium EPA 200.7

Manganese EPA 200.7

Manganese EPA 200.8

Mercury EPA 245.1

Molybdenum EPA 200.7

Molybdenum EPA 200.8

Nickel EPA 200.7

Nickel EPA 200.8

Potassium EPA 200.7

Selenium EPA 200.7

Selenium EPA 200.8

Silver EPA 200.7

Sodium EPA 200.7

Thallium EPA 200.7

Thallium EPA 200.8

Tin EPA 200.7

Titanium EPA 200.7

Vanadium EPA 200.7

Vanadium EPA 200.8

Zinc EPA 200.7

Zinc EPA 200.8

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**INORGANIC SOLIDS**

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Total Dissolved Solids (TDS) SM2540 C

Total Solids (TS) SM2540B

Total Suspended Solids (TSS) SM2540D

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**INORGANIC DEMANDS**

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Biochemical Oxygen Demand SM 5210 B

Carbonaceous BOD, CBOD SM 5210 B

Chemical Oxygen Demand SM 5220 D

Total Organic Carbon SM5310 C

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**INORGANIC MISCELLANEOUS PARAMETERS**

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Cyanide, Total SM4500CN E

Hexavalent Chromium SM 3500-Cr B

Phenolics, Total EPA 420.1

Surfactants - MBAS SM5540C

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**DISINFECTANT RESIDUALS**

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Chlorine SM4500Cl G

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**VOLATILE ORGANICS**

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1,1,1,2-Tetrachloroethane EPA 624.1

1,1,1-Trichloroethane EPA 624.1

1,1,2-Trichloroethane EPA 624.1

1,1-Dichloroethene EPA 624.1

1,2-Dichlorobenzene EPA 624.1

1,2-Dichloropropane EPA 624.1

1,3-Dichlorobenzene EPA 624.1

2-Chlorotoluene EPA 624.1

4-Chlorotoluene EPA 624.1

Acetone EPA 624.1

Acrylonitrile EPA 624.1

Bromodichloromethane EPA 624.1

Bromomethane EPA 624.1

Carbon Tetrachloride EPA 624.1

Chloroethane EPA 624.1

Chloromethane EPA 624.1

cis-1,3-Dichloropropene EPA 624.1

Ethyl Benzene EPA 624.1

Methyl-tert-butylether (MTBE) EPA 624.1

n-Butylbenzene EPA 624.1

p-Isopropyltoluene EPA 624.1

Styrene EPA 624.1

Tetrachloroethene EPA 624.1

trans-1,2-Dichloroethene EPA 624.1

Trichloroethene EPA 624.1

1,1,2,2-Tetrachloroethane EPA 624.1

1,1-Dichloroethane EPA 624.1

1,2,4-Trimethylbenzene EPA 624.1

1,2-Dichloroethane EPA 624.1

1,3,5-Trimethylbenzene EPA 624.1

1,4-Dichlorobenzene EPA 624.1

2-Hexanone EPA 624.1

4-Methyl-2-pentanone (MIBK) EPA 624.1

Acrolein EPA 624.1

Benzene EPA 624.1

Bromoform EPA 624.1

Carbon Disulfide EPA 624.1

Chlorobenzene EPA 624.1

Chloroform EPA 624.1

cis-1,2-Dichloroethene EPA 624.1

Dibromochloromethane EPA 624.1

Isopropylbenzene EPA 624.1

Methylene Chloride EPA 624.1

n-Propylbenzene EPA 624.1

sec-Butylbenzene EPA 624.1

tert-Butylbenzene EPA 624.1

Toluene EPA 624.1

trans-1,3-Dichloropropene EPA 624.1

Trichlorofluoromethene EPA 624.1

Vinyl Chloride EPA 624.1

Xylenes, Total EPA 624.1

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**PESTICIDES**

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|                                |                               |
|--------------------------------|-------------------------------|
| 4,4-DDE' EPA 608.3             | Aldrin EPA 608.3              |
| 4,4'-DDT' EPA 608.3            | 4,4-DDD' EPA 608.3            |
| alpha-BHC EPA 608.3            | beta-BHC EPA 608.3            |
| Chlordane, Technical EPA 608.3 | delta-BHC EPA 608.3           |
| Dieldrin EPA 608.3             | Endosulfan I EPA 608.3        |
| Endosulfan II EPA 608.3        | Endosulfan Sulfate EPA 608.3  |
| Endrin Aldehyde EPA 608.3      | Endrin EPA 608.3              |
| Endrin Ketone EPA 608.3        | gamma-BHC (Lindane) EPA 608.3 |
| Heptachlor EPA 608.3           | Heptachlor Epoxide EPA 608.3  |
| Methoxychlor EPA 608.3         | Toxaphene EPA 608.3           |

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**SOLVENTS**

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Oil and Grease EPA 1664A

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**POLYCHLORINATED BIPHENYLS**

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|                    |                    |
|--------------------|--------------------|
| PCB-1016 EPA 608.3 | PCB-1221 EPA 608.3 |
| PCB-1232 EPA 608.3 | PCB-1242 EPA 608.3 |
| PCB-1248 EPA 608.3 | PCB-1254 EPA 608.3 |
| PCB-1260 EPA 608.3 |                    |

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**SEMIVOLATILES**

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|                                       |  |
|---------------------------------------|--|
| 1,2,4-Trichlorobenzene EPA 625.1      |  |
| 2,4,5-Trichlorophenol EPA 625.1       | 2,4,6-Trichlorophenol EPA 625.1  |
| 2,4-Dichlorophenol EPA 625.1          | 2,4-Dimethylphenol EPA 625.1   |
| 2,4-Dinitrophenol EPA 625.1           | 2,4-Dinitrotoluene EPA 625.1   |
| 2,6-Dinitrotoluene EPA 625.1          | 2-Chloronaphthalene EPA 625.1  |
| 2-Chlorophenol EPA 625.1              | 2-Methyl-4,6-dinitrophenol EPA 625.1                                     |
| 2-Methylnaphthalene EPA 625.1         | 2-Methylphenol EPA 625.1   |
| 2-Nitroaniline EPA 625.1              | 2-Nitrophenol EPA 625.1  |
| 3&4-Methylphenol EPA 625.1            | 3,3'-Dichlorobenzidine EPA 625.1   |
| 3-Nitroaniline EPA 625.1              | 4-Bromophenyl phenyl ether EPA 625.1                                     |
| 4-Chloro-3-methylphenol EPA 625.1     | 4-Chloroaniline EPA 625.1  |
| 4-Chlorophenyl phenyl ether EPA 625.1 | 4-Nitroaniline EPA 625.1   |
| 4-Nitrophenol EPA 625.1               | Acenaphthene EPA 625.1   |
| Acenaphthylene EPA 625.1              | Anthracene EPA 625.1   |
| Benzidine EPA 625.1                   | Benzo(a)anthracene EPA 625.1   |
| Benzo(a)pyrene EPA 625.1              | Benzo(b)fluoranthene EPA 625.1   |
| Benzo(ghi)perylene EPA 625.1          | Benzo(k)fluoranthene EPA 625.1   |
| Benzyl butyl phthalate EPA 625.1      | bis(2-Chloroethoxy)methane EPA 625.1                                     |
| bis(2-chloroethyl) ether EPA 625.1    | bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane])<br>EPA 625.1 |

|                                      |                                  |
|--------------------------------------|----------------------------------|
| bis(2-Ethylhexyl)phthalate EPA 625.1 | Carbazole EPA 625.1              |
| Chrysene EPA 625.1                   | Di-n-butyl phthalate EPA 625.1   |
| Dibenzofuran EPA 625.1               | Diethyl phthalate EPA 625.1      |
| Dimethyl phthalate EPA 625.1         | Fluoranthene EPA 625.1           |
| Di-n-octyl phthalate EPA 625.1       | Dibenz(a,h)anthracene EPA 625.1  |
| Hexachlorobenzene EPA 625.1          | Hexachlorobutadiene EPA 625.1    |
| Hexachlorocyclopentadiene EPA 625.1  | Hexachloroethane EPA 625.1       |
| Indeno(1,2,3-cd)pyrene EPA 625.1     | Isophorone EPA 625.1             |
| Nitrobenzene EPA 625.1               | Pentachlorophenol EPA 625.1      |
| N-Nitrosodi-n-propylamine EPA 625.1  | N-nitrosodimethylamine EPA 625.1 |
| N-nitrosodiphenylamine EPA 625.1     | Naphthalene EPA 625.1            |
| Phenanthrene EPA 625.1               | Phenol EPA 625.1                 |
| Pyrene EPA 625.1                     | Pyridine EPA 625.1               |



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# SOLID WASTE/SOIL (RCRA)

STATUS REPORTED ON 3/25/2024

## ANALYTE NAME

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### ENVIRONMENTAL HEALTH & HOUSING

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Lead (Paint) in Soil SW-846 6010C

Lead in Dust Wipes SW-846 6010C

Lead in Paint SW-846 6010C

**Report Profile:**

Lab Name : RI Analytical Laboratories, Inc.

Test Name : \*

Matrix Name : \*

Matrix Selection = ALL OR SOME MATRICES SELECTED

Certifications approved or provisional on 3/25/2024

**THIS IS THE LAST PAGE OF THE REPORT**