

# *The Commonwealth of Massachusetts*



## *Department of Environmental Protection Division of Environmental Laboratory Sciences Senator William X. Wall Experiment Station*

*certifies*

M-RI015

RI ANALYTICAL LABORATORIES INC  
41 ILLINOIS AVE  
WARWICK, RI 02888-0000

*Laboratory Director:* DARLENE CAPUANO

*for the analysis of* NON POTABLE WATER (MICROBIOLOGY)  
POTABLE WATER (CHEMISTRY)  
NON POTABLE WATER (CHEMISTRY)  
POTABLE WATER (MICROBIOLOGY)

*pursuant to 310 CMR 42.00*

*This certificate supersedes all previous Massachusetts certificates issued to this laboratory. The laboratory is regulated by and shall be responsible for being in compliance with Massachusetts regulations at 310 CMR 42.00.*

*This certificate is valid only when accompanied by the latest dated Certified Parameter List as issued by the Massachusetts D.E.P. Contact the Division of Environmental Laboratory Sciences to verify the current certification status of the laboratory.*

*Certification is no guarantee of the validity of the data. This certification is subject to unannounced laboratory inspections.*

A handwritten signature in cursive script, reading "Oscar C. Jacobo".

*Director, Division of Environmental Laboratory Sciences*

*Issued:* 01 JUL 2019

*Expires:* 30 JUN 2020

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2019

M-RI015 RI ANALYTICAL LABORATORIES INC  
WARWICK RI

NON POTABLE WATER (MICROBIOLOGY)      Effective Date      22 JAN 2018      Expiration Date      30 JUN 2020

Analytes

ENTEROCOCCI                      AMBIENT WATER  
FECAL COLIFORM                  WASTEWATER  
ENTEROCOCCI                      WASTEWATER

Methods

ENTEROLERT  
MF-SM9222D  
ENTEROLERT

POTABLE WATER (MICROBIOLOGY)      Effective Date      01 JUL 2015      Expiration Date      30 JUN 2020

Analytes

HETEROTROPHIC PLATE COUNT  
TOTAL COLIFORM                  WATER TREATMENT AND DISTRIBUTION (P/A)  
TOTAL COLIFORM                  WATER TREATMENT AND DISTRIBUTION (P/A)  
E. COLI                              WATER TREATMENT AND DISTRIBUTION (P/A)  
E. COLI                              WATER TREATMENT AND DISTRIBUTION (P/A)  
E. COLI                              SOURCE WATER (ENUMERATION)  
ENTEROCOCCI                      SOURCE WATER (P/A)

Methods

SM9215B  
MF-SM9222B  
ENZ. SUB. SM9223  
ENZ. SUB. SM9223  
NA-MUG-SM9222G  
SM 9223B-COLILERT  
ENTEROLERT

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 JAN 2020

M-RI015 RI ANALYTICAL LABORATORIES INC  
WARWICK RI

NON POTABLE WATER (CHEMISTRY)	Effective Date	20 AUG 2018	Expiration Date	30 JUN 2020
<u>Analytes</u>			<u>Methods</u>	
ALUMINUM			EPA 200.7	
ALUMINUM			EPA 200.8	
ANTIMONY			EPA 200.7	
ANTIMONY			EPA 200.8	
ARSENIC			EPA 200.7	
ARSENIC			EPA 200.8	
BERYLLIUM			EPA 200.7	
BERYLLIUM			EPA 200.8	
CADMIUM			EPA 200.7	
CADMIUM			EPA 200.8	
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	
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	
SELENIUM			EPA 200.7	
SELENIUM			EPA 200.8	
SILVER			EPA 200.7	
SILVER			EPA 200.8	
THALLIUM			EPA 200.7	
THALLIUM			EPA 200.8	
TITANIUM			EPA 200.7	
VANADIUM			EPA 200.7	
VANADIUM			EPA 200.8	
ZINC			EPA 200.7	
ZINC			EPA 200.8	
PH			SM 4500-H-B	
SPECIFIC CONDUCTIVITY			EPA 120.1	
TOTAL DISSOLVED SOLIDS			SM 2540C	
HARDNESS (CaCO3), TOTAL			EPA 200.7	
CALCIUM			EPA 200.7	
MAGNESIUM			EPA 200.7	

COMMONWEALTH OF MASSACHUSETTS  
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Certified Parameter List as of: 25 JAN 2020

M-RI015 RI ANALYTICAL LABORATORIES INC  
WARWICK RI

NON POTABLE WATER (CHEMISTRY)	Effective Date	20 AUG 2018	Expiration Date	30 JUN 2020
<u>Analytes</u>			<u>Methods</u>	
SODIUM			EPA 200.7	
POTASSIUM			EPA 200.7	
ALKALINITY, TOTAL			SM 2320B	
CHLORIDE			EPA 300.0	
FLUORIDE			SM 4500-F-B,D	
FLUORIDE			EPA 300.0	
SULFATE			EPA 300.0	
AMMONIA-N			SM 4500-NH3-B, H	
AMMONIA-N			EPA 350.1	
NITRATE-N			EPA 300.0	
KJELDAHL-N			SM 4500-NORG-D	
ORTHOPHOSPHATE			SM 4500-P-E	
PHOSPHORUS, TOTAL			SM 4500-P-B,E	
CHEMICAL OXYGEN DEMAND			SM 5220D	
BIOCHEMICAL OXYGEN DEMAND			SM 5210B	
TOTAL ORGANIC CARBON			SM 5310C	
CYANIDE, TOTAL			SM 4500-CN-C,E	
NON-FILTERABLE RESIDUE			SM 2540D	
CHLORINE, TOTAL RESIDUAL			SM 4500-CL-G	
OIL AND GREASE			EPA 1664	
PHENOLICS, TOTAL			EPA 420.1	
VOLATILE HALOCARBONS			EPA 624.1	
VOLATILE AROMATICS			EPA 624.1	
CHLORDANE			EPA 608.3	
TOXAPHENE			EPA 608.3	
ALDRIN			EPA 608.3	
ALPHA-BHC			EPA 608.3	
BETA-BHC			EPA 608.3	
GAMMA-BHC			EPA 608.3	
DELTA-BHC			EPA 608.3	
DIELDRIN			EPA 608.3	
DDD			EPA 608.3	
DDE			EPA 608.3	
DDT			EPA 608.3	
ENDOSULFAN I			EPA 608.3	
ENDOSULFAN II			EPA 608.3	
ENDOSULFAN SULFATE			EPA 608.3	
ENDRIN			EPA 608.3	
ENDRIN ALDEHYDE			EPA 608.3	
HEPTACHLOR			EPA 608.3	
HEPTACHLOR EPOXIDE			EPA 608.3	
SVOC-ACID EXTRACTABLES			EPA 625.1	
SVOC-BASE/NEUTRAL EXTRACTABLES			EPA 625.1	

**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Certified Parameter List as of: 25 JAN 2020**

**M-RI015 RI ANALYTICAL LABORATORIES INC  
WARWICK RI**

<b>NON POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>20 AUG 2018</b>	<b>Expiration Date</b>	<b>30 JUN 2020</b>
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**Analytes**

POLYCHLORINATED BIPHENYLS (WATER)  
POLYCHLORINATED BIPHENYLS (OIL)

**Methods**

EPA 608.3  
EPA 600/4-81-045

<b>POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>25 JAN 2020</b>	<b>Expiration Date</b>	<b>30 JUN 2020</b>
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**Analytes**

**Methods**

ANTIMONY  
ARSENIC  
BARIUM  
BARIUM  
BERYLLIUM  
BERYLLIUM  
CADMIUM  
CADMIUM  
CHROMIUM  
CHROMIUM  
COPPER  
COPPER  
LEAD  
MERCURY  
NICKEL  
NICKEL  
SELENIUM  
SILVER  
SILVER  
THALLIUM  
NITRATE-N  
NITRITE-N  
FLUORIDE  
SODIUM  
SULFATE  
CYANIDE, TOTAL  
TURBIDITY  
CHLORINE, RESIDUAL FREE  
CALCIUM  
ALKALINITY, TOTAL  
TOTAL DISSOLVED SOLIDS  
PH  
VOLATILE ORGANIC COMPOUNDS  
HALOACETIC ACIDS  
CHLORITE

EPA 200.8  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.8  
EPA 300.0  
EPA 300.0  
EPA 300.0  
EPA 200.7  
EPA 300.0  
SM 4500-CN-C,E  
EPA 180.1  
SM 4500-CL-G  
EPA 200.7  
SM 2320B  
SM 2540C  
SM 4500-H-B  
EPA 524.2  
EPA 552.2  
EPA 300.0