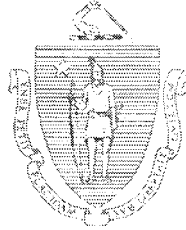


*The Commonwealth of Massachusetts*



*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* POTABLE WATER (MICROBIOLOGY)  
POTABLE WATER (CHEMISTRY)  
NON POTABLE WATER (CHEMISTRY)  
NON 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 "Jacob C. Jacobo".

*Director, Division of Environmental Laboratory Sciences*

*Issued:* 01 JUL 2020

*Expires:* 30 JUN 2021

**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: **01 JUL 2020**

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

<b>NON POTABLE WATER (MICROBIOLOGY)</b>	<b>Effective Date</b>	<b>22 JAN 2018</b>	<b>Expiration Date</b>	<b>30 JUN 2021</b>
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**Analytes**

ENTEROCOCCI	AMBIENT WATER
FECAL COLIFORM	WASTEWATER
ENTEROCOCCI	WASTEWATER

**Methods**

ENTEROLERT  
MF-SM9222D  
ENTEROLERT

<b>POTABLE WATER (MICROBIOLOGY)</b>	<b>Effective Date</b>	<b>01 JUL 2015</b>	<b>Expiration Date</b>	<b>30 JUN 2021</b>
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**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: 01 JUL 2020

M-RI015 RI ANALYTICAL LABORATORIES INC  
WARWICK RI

NON POTABLE WATER (CHEMISTRY)	Effective Date	20 AUG 2018	Expiration Date	30 JUN 2021
<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  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2020

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

**NON POTABLE WATER (CHEMISTRY)      Effective Date      20 AUG 2018      Expiration Date      30 JUN 2021**

<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: 01 JUL 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 2021</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 2021</b>
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**Analytes**

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

**Methods**

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 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.7  
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