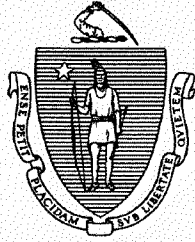


The Commonwealth of Massachusetts



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 (CHEMISTRY)
POTABLE WATER (CHEMISTRY)
NON POTABLE WATER (MICROBIOLOGY)
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 2018

Expires: 30 JUN 2019

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2018

M-RI015 RI ANALYTICAL LABORATORIES INC
WARWICK RI

NON POTABLE WATER (MICROBIOLOGY) Effective Date 22 JAN 2018 Expiration Date 30 JUN 2019

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 2019

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: 20 AUG 2018

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

NON POTABLE WATER (CHEMISTRY)	Effective Date	20 AUG 2018	Expiration Date	30 JUN 2019
<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: 20 AUG 2018

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

**NON POTABLE WATER (CHEMISTRY) Effective 20 AUG 2018 Expiration 30 JUN 2019
Date**

Analytes

Methods

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: 20 AUG 2018

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

NON POTABLE WATER (CHEMISTRY)	Effective Date	20 AUG 2018	Expiration Date	30 JUN 2019
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Analytes

POLYCHLORINATED BIPHENYLS (WATER)
POLYCHLORINATED BIPHENYLS (OIL)

Methods

EPA 608.3
EPA 600/4-81-045

POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2015	Expiration Date	30 JUN 2019
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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
TRIHALOMETHANES
VOLATILE ORGANIC COMPOUNDS
HALOACETIC ACIDS

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 200.8
EPA 200.7
EPA 200.8
EPA 200.8
EPA 200.7
EPA 200.8
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 524.2
EPA 552.2