

The Commonwealth of Massachusetts



*Department of Environmental Protection
Division of Environmental Analysis
Senator William X. Wall Experiment Station*

certifies

M-RI015

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

Laboratory Director: James E. Mich

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 Analysis 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 Analysis

Issued: 01 JUL 2010

Expires: 30 JUN 2011

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: **01 JUL 2010**

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

NON POTABLE WATER (CHEMISTRY) Effective Date 01 JUL 2010 Expiration Date 30 JUN 2011

<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

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<u>Analytes</u>	<u>Methods</u>
SODIUM	EPA 200.7
POTASSIUM	EPA 200.7
ALKALINITY, TOTAL	SM 2320B
CHLORIDE	SM 4500-CL-B
CHLORIDE	EPA 300.0
FLUORIDE	SM 4500-F-B,D
FLUORIDE	EPA 300.0
SULFATE	EPA 300.0
AMMONIA-N	SM18-B,E/19,20-B,C-TTR
NITRATE-N	EPA 300.0
NITRATE-N	SM 4500-NO3-E
KJELDAHL-N	SM18-B,E/19,20 B,C-TTR
ORTHOPHOSPHATE	EPA 300.0
PHOSPHORUS, TOTAL	SM 4500-P-B,E
CHEMICAL OXYGEN DEMAND	SM 5220D
BIOCHEMICAL OXYGEN DEMAND	SM 5210B
TOTAL ORGANIC CARBON	SM 5310B
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
VOLATILE AROMATICS	EPA 624
CHLORDANE	EPA 608
TOXAPHENE	EPA 608
ALDRIN	EPA 608
ALPHA-BHC	EPA 608
BETA-BHC	EPA 608
GAMMA-BHC	EPA 608
DELTA-BHC	EPA 608
DIELDRIN	EPA 608
DDD	EPA 608
DDE	EPA 608
DDT	EPA 608
ENDOSULFAN I	EPA 608
ENDOSULFAN II	EPA 608
ENDOSULFAN SULFATE	EPA 608
ENDRIN	EPA 608
HEPTACHLOR	EPA 608
HEPTACHLOR EPOXIDE	EPA 608
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625
POLYCHLORINATED BIPHENYLS (WATEF	EPA 608

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NON POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2010	Expiration Date	30 JUN 2011
<u>Analytes</u>			<u>Methods</u>	
POLYCHLORINATED BIPHENYLS (OIL)			EPA 600/4-81-045	

POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2010	Expiration Date	30 JUN 2011
<u>Analytes</u>			<u>Methods</u>	
ANTIMONY			EPA 200.8	
ARSENIC			EPA 200.8	
BARIUM			EPA 200.7	
BARIUM			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	
COPPER			EPA 200.7	
COPPER			EPA 200.8	
LEAD			EPA 200.8	
MERCURY			EPA 245.1	
NICKEL			EPA 200.7	
NICKEL			EPA 200.8	
SELENIUM			EPA 200.8	
SILVER			EPA 200.7	
SILVER			EPA 200.8	
THALLIUM			EPA 200.8	
NITRATE-N			EPA 300.0	
NITRITE-N			EPA 300.0	
NITRITE-N			SM 4500-NO2-B	
FLUORIDE			EPA 300.0	
FLUORIDE			SM 4500-F-B,D	
SODIUM			EPA 200.7	
SULFATE			EPA 300.0	
SULFATE			SM 4500-SO4-E	
CYANIDE, TOTAL			SM 4500-CN-C,E	
TURBIDITY			EPA 180.1	
CHLORINE, RESIDUAL, FREE			SM 4500-CL-G	
CALCIUM			EPA 200.7	
ALKALINITY, TOTAL			SM 2320B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
PH			EPA 150.1	
CHLORDANE			EPA 508	
HEPTACHLOR			EPA 508	
HEPTACHLOR EPOXIDE			EPA 508	

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NON POTABLE WATER (MICROBIOLOGY) Effective Date 01 JUL 2010 Expiration Date 30 JUN 2011

Analytes

ENTEROCOCCI	AMBIENT WATER
FECAL COLIFORM	WASTEWATER
FECAL COLIFORM	WASTEWATER
ENTEROCOCCI	WASTEWATER

Methods

ENTEROLERT
MPN-SM9221E
MF-SM9222D
ENTEROLERT

POTABLE WATER (MICROBIOLOGY) Effective Date 01 JUL 2010 Expiration Date 30 JUN 2011

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