

*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 (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 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 2009

*Expires:* 30 JUN 2010

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 06 OCT 2009

M-RI015

RI ANALYTICAL LABORATORIES INC  
WARWICK RI

NON POTABLE WATER (CHEMISTRY)

Effective  
Date

06 OCT 2009

Expiration 30 JUN 2010  
Date

Analytes

Methods

ALUMINUM	EPA 200.7
ALUMINUM	EPA 200.9
ALUMINUM	EPA 200.8
ANTIMONY	EPA 200.7
ANTIMONY	EPA 200.9
ANTIMONY	EPA 200.8
ARSENIC	EPA 200.7
ARSENIC	EPA 200.9
ARSENIC	EPA 200.8
BERYLLIUM	EPA 200.7
BERYLLIUM	EPA 200.9
BERYLLIUM	EPA 200.8
CADMIUM	EPA 200.7
CADMIUM	EPA 200.9
CADMIUM	EPA 200.8
CHROMIUM	EPA 200.7
CHROMIUM	EPA 200.9
CHROMIUM	EPA 200.8
COBALT	EPA 200.7
COBALT	EPA 200.8
COPPER	EPA 200.7
COPPER	EPA 200.9
COPPER	EPA 200.8
IRON	EPA 200.7
LEAD	EPA 200.7
LEAD	EPA 200.9
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 200.9
SELENIUM	EPA 200.8
SILVER	EPA 200.9
SILVER	EPA 200.7
SILVER	EPA 200.8
THALLIUM	EPA 200.7
THALLIUM	EPA 200.9
THALLIUM	EPA 200.8

October 6, 2009

\*= Provisional Certification

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WARWICK RI**

**NON POTABLE WATER (CHEMISTRY)**

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**Analytes**

**Methods**

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
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

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DDD  
DDE  
DDT  
ENDOSULFAN I  
ENDOSULFAN II  
ENDOSULFAN SULFATE  
ENDRIN  
HEPTACHLOR  
HEPTACHLOR EPOXIDE  
SVOC-BASE/NEUTRAL EXTRACTABLES  
POLYCHLORINATED BIPHENYLS (WATER)  
POLYCHLORINATED BIPHENYLS (OIL)

Methods

EPA 608  
EPA 608  
EPA 608  
EPA 608  
EPA 608  
EPA 608  
EPA 608  
EPA 608  
EPA 608  
EPA 608  
EPA 625  
EPA 608  
EPA 600/4-81-045

POTABLE WATER (CHEMISTRY)

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Analytes

ANTIMONY  
ANTIMONY  
ARSENIC  
ARSENIC  
BARIUM  
BARIUM  
BERYLLIUM  
BERYLLIUM  
BERYLLIUM  
CADMIUM  
CADMIUM  
CADMIUM  
CHROMIUM  
CHROMIUM  
CHROMIUM  
COPPER  
COPPER  
COPPER  
LEAD  
LEAD  
MERCURY  
NICKEL  
NICKEL  
SELENIUM  
SELENIUM  
SILVER  
SILVER

Methods

EPA 200.8  
EPA 200.9  
EPA 200.8  
EPA 200.9  
EPA 200.7  
EPA 200.8  
EPA 200.7  
EPA 200.8  
EPA 200.9  
EPA 200.7  
EPA 200.8  
EPA 200.9  
EPA 200.7  
EPA 200.8  
EPA 200.9  
EPA 200.7  
EPA 200.8  
EPA 200.9  
EPA 245.1  
EPA 200.7  
EPA 200.8  
EPA 200.8  
EPA 200.9  
EPA 200.9  
EPA 200.7  
EPA 200.8

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Methods

THALLIUM	EPA 200.8
THALLIUM	EPA 200.9
NITRATE-N	EPA 300.0
NITRATE-N	SM 4500-NO3-E
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
ENDRIN	EPA 508
HEPTACHLOR	EPA 508
HEPTACHLOR EPOXIDE	EPA 508
LINDANE	EPA 508
METHOXYCHLOR	EPA 508
TOXAPHENE	EPA 508
TRIHALOMETHANES	EPA 524.2
VOLATILE ORGANIC COMPOUNDS	EPA 524.2
1,2-DIBROMOETHANE	EPA 504.1
1,2-DIBROMO-3-CHLOROPROPANE	EPA 504.1
HALOACETIC ACIDS	EPA 552.2

