

*The Commonwealth of Massachusetts*



*Department of Environmental Protection*

*Division of Environmental Analysis*

*Senator William X. Wall Experiment Station*

*certifies*

M-RI002

ESS LABORATORY  
DIV OF THIELSCH ENGINEERING  
185 FRANCES AVE  
CRANSTON, RI 02910-0000

*Laboratory Director:* LAUREL STODDARD

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

*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. Jacabo".

*Director, Division of Environmental Analysis*

*Issued:* 01 JUL 2017

*Expires:* 30 JUN 2018



**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2017

**M-RI002            ESS LABORATORY  
                         CRANSTON RI**

<b>NON POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>01 JUL 2015</b>	<b>Expiration Date</b>	<b>30 JUN 2018</b>
<u>Analytes</u>			<u>Methods</u>	
ALUMINUM			EPA 200.7	
ANTIMONY			EPA 200.7	
ANTIMONY			SM 3113B	
ANTIMONY			EPA 200.8	
ARSENIC			EPA 200.7	
ARSENIC			SM 3113B	
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			SM 3113B	
LEAD			EPA 200.8	
MANGANESE			EPA 200.7	
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			SM 3113B	
SELENIUM			EPA 200.8	
SILVER			EPA 200.7	
THALLIUM			EPA 200.7	
THALLIUM			EPA 200.8	
THALLIUM			EPA 279.2	
TITANIUM			EPA 200.7	
VANADIUM			EPA 200.7	
ZINC			EPA 200.7	
PH			SM 4500-H-B	
SPECIFIC CONDUCTIVITY			EPA 120.1	
TOTAL DISSOLVED SOLIDS			SM 2540C	
HARDNESS (CACO3), TOTAL			SM 2340B	
CALCIUM			EPA 200.7	
MAGNESIUM			EPA 200.7	

