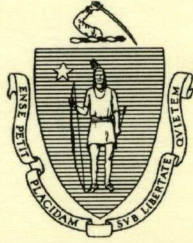


The Commonwealth of Massachusetts



Department of Environmental Protection

Division of Environmental Laboratory Sciences

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 POTABLE WATER (CHEMISTRY)
NON 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 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.

Oscar C. Jacobe

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: 17 AUG 2018

**M-RI002 ESS LABORATORY
 CRANSTON RI**

NON POTABLE WATER (CHEMISTRY)	Effective Date	17 AUG 2018	Expiration Date	30 JUN 2019
<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	

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 17 AUG 2018

M-RI002 ESS LABORATORY
 CRANSTON RI

POTABLE WATER (CHEMISTRY)

Effective 01 JUL 2015
Date

Expiration 30 JUN 2019
Date

Analytes

Methods

TOTAL DISSOLVED SOLIDS

SM 2540C

PH

EPA 150.1

PH

SM 4500-H-B

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