

The Commonwealth of Massachusetts



Department of Environmental Protection

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

certifies

M-RI002 **ESS LABORATORY**
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 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 black ink, appearing to read "Oscar C. Jacobo".

Director, Division of Environmental Analysis

Issued: **01 JUL 2024**
Expires: **30 JUN 2025**

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: **22 MAY 2024**

**M-RI002 ESS LABORATORY
 CRANSTON RI**

NON POTABLE WATER (CHEMISTRY)	Effective Date	22 MAY 2024	Expiration Date	30 JUN 2025
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Analytes

SVOC-ACID EXTRACTABLES
SVOC-BASE/NEUTRAL EXTRACTABLES
POLYCHLORINATED BIPHENYLS (WATEF)

Methods

EPA 625.1
EPA 625.1
EPA 608.3

POTABLE WATER (CHEMISTRY)	Effective Date	28 FEB 2024	Expiration Date	30 JUN 2025
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Analytes

ALUMINUM
ALUMINUM
ANTIMONY
ANTIMONY
ARSENIC
ARSENIC
BARIUM
BARIUM
BERYLLIUM
BERYLLIUM
CADMIUM
CADMIUM
CHROMIUM
CHROMIUM
COPPER
COPPER
IRON
LEAD
LEAD
MANGANESE
MANGANESE
MERCURY
NICKEL
NICKEL
SELENIUM
SELENIUM
SILVER
SILVER
THALLIUM
ZINC
ZINC
NITRATE-N
NITRITE-N
FLUORIDE
SODIUM
SULFATE

Methods

EPA 200.7
EPA 200.8
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 200.7
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.9
EPA 200.7
EPA 200.8
EPA 245.1
EPA 200.7
EPA 200.8
EPA 200.8
EPA 200.9
EPA 200.7
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.8
EPA 200.7
EPA 200.8
EPA 353.2
EPA 353.2
EPA 300.0
EPA 200.7
EPA 300.0

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Certified Parameter List as of: 22 MAY 2024

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POTABLE WATER (CHEMISTRY)

Effective 28 FEB 2024
Date

Expiration 30 JUN 2025
Date

Analytes

Methods

CYANIDE, TOTAL	SM 4500-CN-C,E
TURBIDITY	EPA 180.1
CALCIUM	EPA 200.7
ALKALINITY, TOTAL	SM 2320B
TOTAL DISSOLVED SOLIDS	SM 2540C
PH	EPA 150.1
PH	SM 4500-H-B
PFAS	EPA 537.1
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