

The Commonwealth of Massachusetts



Department of Environmental Protection

Division of Environmental Laboratory Sciences

Senator William X. Wall Experiment Station

certifies

M-VA913

ENTHALPY ANALYTICAL, LLC

1941 REYMET RD.

RICHMOND, VA 23237-0000

Laboratory Director: **MANDY MISHRA**

for the analysis of **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.

A handwritten signature in black ink, appearing to read "Oscar C. Jacobo".

Director, Division of Environmental Laboratory Sciences

Issued: **21 JUN 2021**

Expires: **30 JUN 2022**

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 06 AUG 2021

**M-VA913 ENTHALPY ANALYTICAL, LLC
 RICHMOND VA**

NON POTABLE WATER (CHEMISTRY)	Effective Date	21 JUN 2021	Expiration Date	30 JUN 2022
<u>Analytes</u>				<u>Methods</u>
ALUMINUM				EPA 200.7
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
VANADIUM				EPA 200.7
VANADIUM				EPA 200.8
ZINC				EPA 200.7
ZINC				EPA 200.8
SPECIFIC CONDUCTIVITY				SM 2510B
TOTAL DISSOLVED SOLIDS				SM 2540C
ALKALINITY, TOTAL				SM 2320B
AMMONIA-N				EPA 350.1
NITRATE-N				EPA 300.0
ORTHOPHOSPHATE				SM 4500-P-E
PHOSPHORUS, TOTAL				SM 4500-P-B,E
PHOSPHORUS, TOTAL				HACH METHOD 8190

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Analytes

Methods

CHEMICAL OXYGEN DEMAND	SM 5220D
BIOCHEMICAL OXYGEN DEMAND	SM 5210B
TOTAL ORGANIC CARBON	SM 5310C
NON-FILTERABLE RESIDUE	SM 2540D
OIL AND GREASE	EPA 1664
VOLATILE HALOCARBONS	EPA 624.1
VOLATILE AROMATICS	EPA 624.1
SVOC-ACID EXTRACTABLES	EPA 625.1
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625.1