

# *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: 14 SEP 2021**

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

<b>NON POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>14 SEP 2021</b>	<b>Expiration Date</b>	<b>30 JUN 2022</b>
<u><b>Analytes</b></u>				<u><b>Methods</b></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
HARDNESS (CaCO3), TOTAL				SM 2340B
CALCIUM				EPA 200.7
MAGNESIUM				EPA 200.7
ALKALINITY, TOTAL				SM 2320B
AMMONIA-N				EPA 350.1
NITRATE-N				SM 4500-NO3-F

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RICHMOND VA

NON POTABLE WATER (CHEMISTRY)	Effective Date	14 SEP 2021	Expiration Date	30 JUN 2022
<u>Analytes</u>			<u>Methods</u>	
NITRATE-N			EPA 300.0	
KJELDAHL-N			EPA 351.2	
ORTHOPHOSPHATE			SM 4500-P-E	
PHOSPHORUS, TOTAL			SM 4500-P-B,E	
PHOSPHORUS, TOTAL			HACH METHOD 8190	
CHEMICAL OXYGEN DEMAND			SM 5220D	
BIOCHEMICAL OXYGEN DEMAND			SM 5210B	
TOTAL ORGANIC CARBON			SM 5310C	
CYANIDE, TOTAL			SM 4500-CN-C,E	
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	