

The Commonwealth of Massachusetts



Department of Environmental Protection

Division of Environmental Laboratory Sciences

Senator William X. Wall Experiment Station

certifies

M-NH902

ABSOLUTE RESOURCE ASSOCIATES

124 HERITAGE AVE

UNIT 16

PORTSMOUTH, NH 03801-0000

Laboratory Director: **CLIFF CHASE**

for the analysis of **NON POTABLE WATER (CHEMISTRY)
POTABLE WATER (RADIOCHEMISTRY)
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 E. Jacobo".

Director, Division of Environmental Laboratory Sciences

Issued: **01 JUL 2023**

Expires: **30 JUN 2024**

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 19 APR 2023

**M-NH902 ABSOLUTE RESOURCE ASSOCIATES
PORTSMOUTH NH**

NON POTABLE WATER (CHEMISTRY)	Effective Date	11 APR 2023	Expiration Date	30 JUN 2024
<u>Analytes</u>			<u>Methods</u>	
ALUMINUM			EPA 200.8	
ANTIMONY			EPA 200.8	
ARSENIC			EPA 200.8	
BERYLLIUM			EPA 200.8	
CADMIUM			EPA 200.8	
CHROMIUM			EPA 200.8	
COBALT			EPA 200.8	
COPPER			EPA 200.8	
IRON			EPA 200.8	
LEAD			EPA 200.8	
MANGANESE			EPA 200.8	
MERCURY			EPA 245.1	
MOLYBDENUM			EPA 200.8	
NICKEL			EPA 200.8	
SELENIUM			EPA 200.8	
SILVER			EPA 200.8	
THALLIUM			EPA 200.8	
TITANIUM			EPA 200.8	
VANADIUM			EPA 200.8	
ZINC			EPA 200.8	
PH			SM 4500-H-B	
SPECIFIC CONDUCTIVITY			SM 2510B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
HARDNESS (CaCO3), TOTAL			SM 2340B	
CALCIUM			EPA 200.8	
MAGNESIUM			EPA 200.8	
SODIUM			EPA 200.8	
POTASSIUM			EPA 200.8	
ALKALINITY, TOTAL			SM 2320B	
CHLORIDE			EPA 300.0	
FLUORIDE			EPA 300.0	
SULFATE			EPA 300.0	
AMMONIA-N			SM 4500-NH3-B, D	
NITRATE-N			EPA 300.0	
KJELDAHL-N			SM 4500-NH3-B,D	
ORTHOPHOSPHATE			EPA 365.3	
ORTHOPHOSPHATE			EPA 300.0	
PHOSPHORUS, TOTAL			EPA 365.3	
CHEMICAL OXYGEN DEMAND			EPA 410.4	
BIOCHEMICAL OXYGEN DEMAND			SM 5210B	
TOTAL ORGANIC CARBON			SM 5310C	
CYANIDE, TOTAL			SM 4500-CN-C,E	
NON-FILTERABLE RESIDUE			SM 2540D	

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<u>Analytes</u>	<u>Methods</u>
OIL AND GREASE	EPA 1664
PHENOLICS, TOTAL	EPA 420.1
VOLATILE HALOCARBONS	EPA 624.1
VOLATILE AROMATICS	EPA 624.1
CHLORDANE	EPA 608.3
ALDRIN	EPA 608.3
ALPHA-BHC	EPA 608.3
BETA-BHC	EPA 608.3
GAMMA-BHC	EPA 608.3
DELTA-BHC	EPA 608.3
DIELDRIN	EPA 608.3
DDD	EPA 608.3
DDE	EPA 608.3
DDT	EPA 608.3
ENDOSULFAN I	EPA 608.3
ENDOSULFAN II	EPA 608.3
ENDOSULFAN SULFATE	EPA 608.3
ENDRIN	EPA 608.3
ENDRIN ALDEHYDE	EPA 608.3
HEPTACHLOR	EPA 608.3
HEPTACHLOR EPOXIDE	EPA 608.3
SVOC-ACID EXTRACTABLES	EPA 625.1
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625.1
POLYCHLORINATED BIPHENYLS (WATER)	EPA 608.3

POTABLE WATER (CHEMISTRY) Effective Date 30 SEP 2020 Expiration Date 30 JUN 2024

<u>Analytes</u>	<u>Methods</u>
ALUMINUM	EPA 200.8
ANTIMONY	EPA 200.8
ARSENIC	EPA 200.8
BARIUM	EPA 200.8
BERYLLIUM	EPA 200.8
CADMIUM	EPA 200.8
CHROMIUM	EPA 200.8
COPPER	EPA 200.8
LEAD	EPA 200.8
MANGANESE	EPA 200.8
MERCURY	EPA 245.1
NICKEL	EPA 200.8
SELENIUM	EPA 200.8
SILVER	EPA 200.8
THALLIUM	EPA 200.8

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POTABLE WATER (CHEMISTRY)	Effective Date	30 SEP 2020	Expiration Date	30 JUN 2024
<u>Analytes</u>			<u>Methods</u>	
ZINC			EPA 200.8	
NITRATE-N			EPA 300.0	
NITRITE-N			EPA 300.0	
NITRITE-N			SM 4500-NO2-B	
FLUORIDE			EPA 300.0	
CHLORIDE			EPA 300.0	
SULFATE			EPA 300.0	
CYANIDE, TOTAL			SM 4500-CN-F	
TURBIDITY			SM 2130B	
ALKALINITY, TOTAL			SM 2320B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
PH			SM 4500-H-B	
PFAS			EPA 537.1	
TRIHALOMETHANES			EPA 524.2	
VOLATILE ORGANIC COMPOUNDS			EPA 524.2	

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ABSOLUTE RESOURCE ASSOCIATES
PORTSMOUTH NH

POTABLE WATER (RADIOCHEMISTRY)

Effective
Date

30 SEP 2020

Expiration Date 30 JUN 2024

Analytes

URANIUM

Methods

EPA 200.8