

# *The Commonwealth of Massachusetts*



## *Department of Environmental Protection*

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

*certifies*

**M-NH005                    EUROFINS E.T. EASTERN ANALYTICAL  
51 ANTRIM AVE  
CONCORD, NH 03301-0000**

*Laboratory Director:*    **LORRAINE OLASHAW**

*for the analysis of*    **POTABLE WATER (RADIOCHEMISTRY)  
NON POTABLE WATER (CHEMISTRY)  
NON POTABLE WATER  
(MICROBIOLOGY)  
POTABLE WATER (MICROBIOLOGY)  
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:*    **16 SEP 2024**

*Expires:*    **30 JUN 2025**

**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Certified Parameter List as of: 16 SEP 2024**

**M-NH005                   EUROFINS E.T. EASTERN ANALYTICAL  
CONCORD NH**

**NON POTABLE WATER (MICROBIOLOGY)                   Effective Date                   18 FEB 2021                   Expiration Date                   30 JUN 2025**

**Analytes**

ENTEROCOCCI	AMBIENT WATER
E. COLI	WASTEWATER
ENTEROCOCCI	WASTEWATER

**Methods**

ENTEROLERT  
SM 9223B-COLILERT  
ENTEROLERT

**POTABLE WATER (MICROBIOLOGY)                   Effective Date                   01 JUL 2015                   Expiration Date                   30 JUN 2025**

**Analytes**

TOTAL COLIFORM	WATER TREATMENT AND DISTRIBUTION (P/A)
E. COLI	WATER TREATMENT AND DISTRIBUTION (P/A)
TOTAL COLIFORM	SOURCE WATER (ENUMERATION)
E. COLI	SOURCE WATER (ENUMERATION)
ENTEROCOCCI	SOURCE WATER (P/A)

**Methods**

ENZ. SUB. SM9223  
ENZ. SUB. SM9223  
SM 9223B-COLILERT  
SM 9223B-COLILERT  
ENTEROLERT

**COMMONWEALTH OF MASSACHUSETTS  
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**M-NH005 EUROFINS E.T. EASTERN ANALYTICAL  
CONCORD NH**

<b>NON POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>24 OCT 2022</b>	<b>Expiration Date</b>	<b>30 JUN 2025</b>
<b><u>Analytes</u></b>			<b><u>Methods</u></b>	
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	
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			EPA 120.1	
TOTAL DISSOLVED SOLIDS			SM 2540C	
CALCIUM			EPA 200.8	
MAGNESIUM			EPA 200.8	
SODIUM			EPA 200.8	
POTASSIUM			EPA 200.8	
ALKALINITY, TOTAL			SM 2320B	
CHLORIDE			SM 4500-CL-E	
CHLORIDE			EPA 300.0	
FLUORIDE			EPA 300.0	
SULFATE			EPA 300.0	
AMMONIA-N			SM 4500-NH3-B, D	
AMMONIA-N			TIMBERLINE-NH3-001	
NITRATE-N			EPA 353.2	
KJELDAHL-N			SM 4500-NH3-B,D	
ORTHOPHOSPHATE			EPA 365.1	
PHOSPHORUS, TOTAL			EPA 365.1	
CHEMICAL OXYGEN DEMAND			HACH METHOD 8000	
BIOCHEMICAL OXYGEN DEMAND			SM 5210B	
TOTAL ORGANIC CARBON			SM 5310C	
CYANIDE, TOTAL			ASTM D7511	
NON-FILTERABLE RESIDUE			SM 2540D	
CHLORINE, TOTAL RESIDUAL			SM 4500-CL-G	

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**NON POTABLE WATER (CHEMISTRY)                      Effective Date      24 OCT 2022                      Expiration Date      30 JUN 2025**

**Analytes**

OIL AND GREASE  
PHENOLICS, TOTAL  
VOLATILE HALOCARBONS  
VOLATILE AROMATICS  
CHLORDANE  
TOXAPHENE  
ALDRIN  
ALPHA-BHC  
BETA-BHC  
GAMMA-BHC  
DELTA-BHC  
DIELDRIN  
DDD  
DDE  
DDT  
ENDOSULFAN I  
ENDOSULFAN II  
ENDOSULFAN SULFATE  
ENDRIN  
ENDRIN ALDEHYDE  
HEPTACHLOR  
HEPTACHLOR EPOXIDE  
SVOC-ACID EXTRACTABLES  
SVOC-BASE/NEUTRAL EXTRACTABLES  
POLYCHLORINATED BIPHENYLS (WATEF

**Methods**

EPA 1664  
EPA 420.1  
EPA 624.1  
EPA 624.1  
EPA 608.3  
EPA 608.3  
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EPA 608.3  
EPA 608.3  
EPA 608.3  
EPA 608.3  
EPA 625.1  
EPA 625.1  
EPA 608.3

**POTABLE WATER (CHEMISTRY)                      Effective Date      17 OCT 2022                      Expiration Date      30 JUN 2025**

**Analytes**

ANTIMONY  
ARSENIC  
BARIUM  
BERYLLIUM  
CADMIUM  
CHROMIUM  
COPPER  
LEAD  
MERCURY  
NICKEL  
SELENIUM  
SILVER  
THALLIUM  
NITRATE-N

**Methods**

EPA 200.8  
EPA 200.8  
EPA 200.8  
EPA 200.8  
EPA 200.8  
EPA 200.8  
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EPA 200.8  
EPA 200.8  
EPA 200.8  
EPA 353.2

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<b>POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>17 OCT 2022</b>	<b>Expiration Date</b>	<b>30 JUN 2025</b>
<u><b>Analytes</b></u>			<u><b>Methods</b></u>	
NITRITE-N			EPA 353.2	
FLUORIDE			EPA 300.0	
SULFATE			EPA 300.0	
TURBIDITY			EPA 180.1	
CHLORINE, RESIDUAL FREE			SM 4500-CL-G	
ALKALINITY, TOTAL			SM 2320B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
PH			SM 4500-H-B	
2,4-D			EPA 515.4	
2,4,5-TP			EPA 515.4	
DINOSEB			EPA 515.4	
PENTACHLOROPHENOL			EPA 515.4	
PICLORAM			EPA 515.4	
ALACHLOR			EPA 525.2	
ATRAZINE			EPA 525.2	
CHLORDANE			EPA 505	
ENDRIN			EPA 525.2	
HEPTACHLOR			EPA 525.2	
HEPTACHLOR EPOXIDE			EPA 525.2	
HEXACHLOROBENZENE			EPA 525.2	
HEXACHLOROCYCLOPENTADIENE			EPA 525.2	
LINDANE			EPA 525.2	
METHOXYCHLOR			EPA 525.2	
SIMAZINE			EPA 525.2	
TOXAPHENE			EPA 505	
ALDICARB			EPA 531.2	
ALDICARB SULFONE			EPA 531.2	
ALDICARB SULFOXIDE			EPA 531.2	
CARBOFURAN			EPA 531.2	
VYDATE			EPA 531.2	
BENZO-A-PYRENE			EPA 525.2	
ADIPATES/PHTHALATES			EPA 525.2	
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 552.3	

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<u>Analytes</u>	<u>Effective Date</u>	<u>Expiration Date</u>	<u>Methods</u>
POTABLE WATER (RADIOCHEMISTRY) URANIUM	01 JUL 2015	30 JUN 2025	EPA 200.8