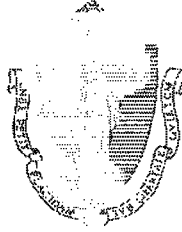


The Commonwealth of Massachusetts



*Department of Environmental Protection
Division of Environmental Laboratory Sciences
Senator William X. Wall Experiment Station*

certifies

M-NH005

EASTERN ANALYTICAL INC
25 CHENELL DR
CONCORD, NH 03301-0000

Laboratory Director: LORRAINE OLASHAW

for the analysis of POTABLE WATER (CHEMISTRY)
NON POTABLE WATER (CHEMISTRY)
POTABLE WATER (MICROBIOLOGY)
POTABLE WATER (RADIOCHEMISTRY)
NON POTABLE WATER (MICROBIOLOGY)

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 cursive script, reading "Isaac C. Jacobs".

Director, Division of Environmental Laboratory Sciences

Issued: 01 JUL 2020

Expires: 30 JUN 2021

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2020

M-NH005 EASTERN ANALYTICAL INC
CONCORD NH

NON POTABLE WATER (MICROBIOLOGY) Effective Date 01 JUL 2015 Expiration Date 30 JUN 2021

Analytes

E. COLI	AMBIENT WATER
ENTEROCOCCI	AMBIENT WATER
FECAL COLIFORM	WASTEWATER
E. COLI	WASTEWATER
ENTEROCOCCI	WASTEWATER

Methods

MPN-SM9221F
ENTEROLERT
MPN-SM9221E
SM 9223B-COLILERT
ENTEROLERT

POTABLE WATER (MICROBIOLOGY) Effective Date 01 JUL 2015 Expiration Date 30 JUN 2021

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
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2020

**M-NH005 EASTERN ANALYTICAL INC
CONCORD NH**

NON POTABLE WATER (CHEMISTRY) Effective Date 24 JUL 2018 Expiration Date 30 JUN 2021

<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
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	SM 4500-CN-C,E
CYANIDE, TOTAL	ASTM D7511
NON-FILTERABLE RESIDUE	SM 2540D

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2020

**M-NH005 EASTERN ANALYTICAL INC
CONCORD NH**

NON POTABLE WATER (CHEMISTRY) Effective Date 24 JUL 2018 Expiration Date 30 JUN 2021

Analytes

Methods

CHLORINE, TOTAL RESIDUAL	SM 4500-CL-G
OIL AND GREASE	EPA 1664
PHENOLICS, TOTAL	EPA 420.1
VOLATILE HALOCARBONS	EPA 624.1
VOLATILE AROMATICS	EPA 624.1
CHLORDANE	EPA 608.3
TOXAPHENE	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 16 JUL 2015 Expiration Date 30 JUN 2021

Analytes

Methods

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
MERCURY	EPA 200.8
NICKEL	EPA 200.8
SELENIUM	EPA 200.8
SILVER	EPA 200.8
THALLIUM	EPA 200.8

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2020

**M-NH005 EASTERN ANALYTICAL INC
CONCORD NH**

POTABLE WATER (CHEMISTRY)	Effective Date	16 JUL 2015	Expiration Date	30 JUN 2021
<u>Analytes</u>			<u>Methods</u>	
NITRATE-N			EPA 353.2	
NITRITE-N			EPA 353.2	
FLUORIDE			EPA 300.0	
SULFATE			EPA 300.0	
CYANIDE, TOTAL			SM 4500-CN-C,E	
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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Certified Parameter List as of: 01 JUL 2020

M-NH005 EASTERN ANALYTICAL INC
CONCORD NH

POTABLE WATER (RADIOCHEMISTRY)	Effective Date	01 JUL 2015	Expiration Date	30 JUN 2021
<u>Analytes</u>			<u>Methods</u>	
URANIUM			EPA 200.8	