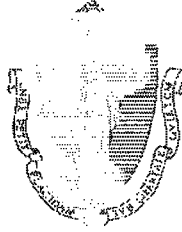


*The Commonwealth of Massachusetts*



*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: 18 FEB 2021

M-NH005 EASTERN ANALYTICAL INC  
CONCORD NH

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

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 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**

| <b>POTABLE WATER (CHEMISTRY)</b> | <b>Effective<br/>Date</b> | <b>16 JUL 2015</b> | <b>Expiration<br/>Date</b> | <b>30 JUN 2021</b> |
|----------------------------------|---------------------------|--------------------|----------------------------|--------------------|
| <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                  |                    |

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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       |             |