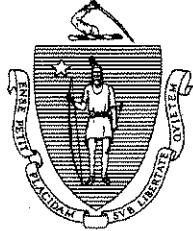


The Commonwealth of Massachusetts



Department of Environmental Protection

Division of Environmental Analysis

Senator William X. Wall Experiment Station

certifies

M-MA100

CON-TEST ANALYTICAL LABORATORY
39 SPRUCE ST
EAST LONGMEADOW, MA 01028-0000

Laboratory Director: TOD KOPYSCINSKI

for the analysis of POTABLE WATER (MICROBIOLOGY)
NON POTABLE WATER (MICROBIOLOGY)
POTABLE WATER (CHEMISTRY)
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 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 cursive script, reading "Oscar C. Jacaroba".

Director, Division of Environmental Analysis

Issued: 01 JUL 2017

Expires: 30 JUN 2018

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 26 SEP 2017

M-MA100 CON-TEST ANALYTICAL LABORATORY
EAST LONGMEADOW MA

NON POTABLE WATER (CHEMISTRY) Effective Date 26 SEP 2017 Expiration Date 30 JUN 2018

<u>Analytes</u>	<u>Methods</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
TITANIUM	EPA 200.7
VANADIUM	EPA 200.7
VANADIUM	EPA 200.8
ZINC	EPA 200.7
ZINC	EPA 200.8
PH	SM 4500-H-B
SPECIFIC CONDUCTIVITY	SM 2510B
TOTAL DISSOLVED SOLIDS	SM 2540C
HARDNESS (CaCO3), TOTAL	SM 2340C
CALCIUM	EPA 200.7
MAGNESIUM	EPA 200.7
SODIUM	EPA 200.7

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 26 SEP 2017

M-MA100 CON-TEST ANALYTICAL LABORATORY
EAST LONGMEADOW MA

NON POTABLE WATER (CHEMISTRY) Effective Date 26 SEP 2017 Expiration Date 30 JUN 2018

<u>Analytes</u>	<u>Methods</u>
POTASSIUM	EPA 200.7
ALKALINITY, TOTAL	SM 2320B
CHLORIDE	SM 4500-CL-B
CHLORIDE	EPA 300.0
SULFATE	ASTM D516
SULFATE	EPA 300.0
AMMONIA-N	SM 4500-NH3-B, C
NITRATE-N	SM 4500-NO3-F
NITRATE-N	EPA 300.0
KJELDAHL-N	SM 4500-NH3-B, C
ORTHOPHOSPHATE	SM 4500-P-E
PHOSPHORUS, TOTAL	SM 4500-P-B,E
CHEMICAL OXYGEN DEMAND	EPA 410.4
BIOCHEMICAL OXYGEN DEMAND	SM 5210B
TOTAL ORGANIC CARBON	SM 5310B
CYANIDE, TOTAL	SM 4500-CN-C,E
NON-FILTERABLE RESIDUE	SM 2540D
CHLORINE, TOTAL RESIDUAL	SM 4500-CL-G
OIL AND GREASE	EPA 1664
PHENOLICS, TOTAL	EPA 420.1
VOLATILE HALOCARBONS	EPA 624
VOLATILE AROMATICS	EPA 602
VOLATILE AROMATICS	EPA 624
CHLORDANE	EPA 608
TOXAPHENE	EPA 608
ALDRIN	EPA 608
ALPHA-BHC	EPA 608
BETA-BHC	EPA 608
GAMMA-BHC	EPA 608
DELTA-BHC	EPA 608
DIÉLDRIN	EPA 608
DDD	EPA 608
DDE	EPA 608
DDT	EPA 608
ENDOSULFAN I	EPA 608
ENDOSULFAN II	EPA 608
ENDOSULFAN SULFATE	EPA 608
ENDRIN	EPA 608
ENDRIN ALDEHYDE	EPA 608
HEPTACHLOR	EPA 608
HEPTACHLOR EPOXIDE	EPA 608
SVOC-ACID EXTRACTABLES	EPA 625
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 26 SEP 2017

M-MA100 CON-TEST ANALYTICAL LABORATORY
EAST LONGMEADOW MA

NON POTABLE WATER (CHEMISTRY) Effective Date 26 SEP 2017 Expiration Date 30 JUN 2018

Analytes

Methods

POLYCHLORINATED BIPHENYLS (WATER)
POLYCHLORINATED BIPHENYLS (OIL)

EPA 608
EPA 600/4-81-045

POTABLE WATER (CHEMISTRY) Effective Date 03 MAR 2017 Expiration Date 30 JUN 2018

Analytes

Methods

ALUMINUM
ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BARIUM
BERYLLIUM
CADMIUM
CADMIUM
CHROMIUM
CHROMIUM
COPPER
COPPER
IRON
LEAD
MANGANESE
MANGANESE
MERCURY
NICKEL
NICKEL
SELENIUM
SILVER
SILVER
THALLIUM
ZINC
ZINC
NITRATE-N
NITRATE-N
NITRITE-N
NITRITE-N
NITRITE-N
NITRITE-N
FLUORIDE
FLUORIDE
SODIUM
CHLORIDE
CHLORIDE

EPA 200.7
EPA 200.8
EPA 200.8
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.8
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.7
EPA 200.8
EPA 245.1
EPA 200.7
EPA 200.8
EPA 200.8
EPA 200.7
EPA 200.8
EPA 200.8
EPA 300.0
SM 4500-NO3-F
EPA 300.0
SM 4500-NO3-F
SM 4500-NO2-B
LACHAT 10-107-04-1-A
EPA 300.0
SM 4500-F-C
EPA 200.7
EPA 300.0
SM 4500-CL-B

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 26 SEP 2017

M-MA100 CON-TEST ANALYTICAL LABORATORY
EAST LONGMEADOW MA

POTABLE WATER (CHEMISTRY)

Effective Date 03 MAR 2017

Expiration Date 30 JUN 2018

Analytes

SULFATE
CYANIDE, TOTAL
TURBIDITY
CHLORINE, RESIDUAL FREE
CALCIUM
ALKALINITY, TOTAL
TOTAL DISSOLVED SOLIDS
PH
TRIHALOMETHANES
VOLATILE ORGANIC COMPOUNDS
1,2-DIBROMOETHANE
1,2-DIBROMO-3-CHLOROPROPANE

Methods

EPA 300.0
SM 4500-CN-C,E
EPA 180.1
SM 4500-CL-G
EPA 200.7
SM 2320B
SM 2540C
SM 4500-H-B
EPA 524.2
EPA 524.2
EPA 504.1
EPA 504.1

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2017

M-MA100 CON-TEST ANALYTICAL LABORATORY
EAST LONGMEADOW MA

NON POTABLE WATER (MICROBIOLOGY) Effective Date 01 JUL 2015 Expiration Date 30 JUN 2018

Analytes

FECAL COLIFORM WASTEWATER

Methods

MF-SM9222D

POTABLE WATER (MICROBIOLOGY) Effective Date 01 JUL 2015 Expiration Date 30 JUN 2018

Analytes

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

Methods

ENZ. SUB. SM9223
ENZ. SUB. SM9223
ENTEROLERT