

The Commonwealth of Massachusetts



Department of Environmental Protection

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

certifies

M-CT007

PHOENIX ENVIRONMENTAL LABORATORIES INC
587 EAST MIDDLE TPKE
MANCHESTER, CT 06040-0000

Laboratory Director: PHYLLIS SHILLER

for the analysis of POTABLE WATER (MICROBIOLOGY)
POTABLE WATER (CHEMISTRY)
NON POTABLE WATER
(MICROBIOLOGY)
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. Jacobo".

Director, Division of Environmental Analysis

Issued: 01 JUL 2010

Expires: 30 JUN 2011

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2010

**M-CT007 PHOENIX ENVIRONMENTAL LABORATORIES INC
MANCHESTER CT**

NON POTABLE WATER (MICROBIOLOGY)	Effective Date	01 JUL 2010	Expiration Date	30 JUN 2011
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Analytes

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

Methods

NA-MUG-SM9222G
EPA 1600
MF-SM9222D
EPA 1600

POTABLE WATER (MICROBIOLOGY)	Effective Date	01 JUL 2010	Expiration Date	30 JUN 2011
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Analytes

HETEROTROPHIC PLATE COUNT	
TOTAL COLIFORM	WATER TREATMENT AND DISTRIBUTION (P/A)
TOTAL COLIFORM	WATER TREATMENT AND DISTRIBUTION (P/A)
FECAL COLIFORM	SOURCE WATER (ENUMERATION)
E. COLI	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

SM9215B
MF-SM9222B
ENZ. SUB. SM9223
MF-SM9222D
NA-MUG-SM9222G
ENZ. SUB. SM9223
MF-SM9222B
NA-MUG-SM9222G
EPA 1600

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Certified Parameter List as of: **01 JUL 2010**

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Analytes

Methods

TOTAL ORGANIC CARBON	SM 5310B
CYANIDE, TOTAL	EPA 335.4
NON-FILTERABLE RESIDUE	SM 2540D
CHLORINE, TOTAL RESIDUAL	SM 4500-CL-G
OIL AND GREASE	EPA 1664
PHENOLICS, TOTAL	EPA 420.4
VOLATILE HALOCARBONS	EPA 624
VOLATILE AROMATICS	EPA 624
CHLORDANE	EPA 608
TOXAPHENE	EPA 608
ALDRIN	EPA 608
DIELDRIN	EPA 608
DDD	EPA 608
DDE	EPA 608
DDT	EPA 608
HEPTACHLOR	EPA 608
HEPTACHLOR EPOXIDE	EPA 608
SVOC-ACID EXTRACTABLES	EPA 625
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625
POLYCHLORINATED BIPHENYLS (WATEF	EPA 608
POLYCHLORINATED BIPHENYLS (OIL)	EPA 600/4-81-045

POTABLE WATER (CHEMISTRY) Effective Date 01 JUL 2010 Expiration Date 30 JUN 2011

Analytes

Methods

ANTIMONY	EPA 200.9
ARSENIC	EPA 200.9
BARIUM	EPA 200.7
BERYLLIUM	EPA 200.7
CADMIUM	EPA 200.7
CHROMIUM	EPA 200.7
COPPER	EPA 200.7
LEAD	EPA 200.9
MERCURY	EPA 245.1
NICKEL	EPA 200.7
SELENIUM	EPA 200.9
SILVER	EPA 200.7
THALLIUM	EPA 200.9
NITRATE-N	EPA 300.0
NITRATE-N	EPA 353.2
NITRITE-N	EPA 300.0
NITRITE-N	SM 4500-NO2-B
FLUORIDE	EPA 300.0

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POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2010	Expiration Date	30 JUN 2011
<u>Analytes</u>			<u>Methods</u>	
FLUORIDE			SM 4500-F-C	
SODIUM			EPA 200.7	
CYANIDE, TOTAL			EPA 335.4	
TURBIDITY			SM 2130B	
CHLORINE, RESIDUAL FREE			SM 4500-CL-G	
CALCIUM			EPA 200.7	
ALKALINITY, TOTAL			SM 2320B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
PH			SM 4500-H-B	
2,4-D			EPA 515.1	
2,4,5-TP			EPA 515.1	
DALAPON			EPA 515.1	
DINOSEB			EPA 515.1	
PENTACHLOROPHENOL			EPA 515.1	
PICLORAM			EPA 515.1	
ALACHLOR			EPA 507	
ATRAZINE			EPA 507	
CHLORDANE			EPA 508	
ENDRIN			EPA 508	
HEPTACHLOR			EPA 508	
HEPTACHLOR EPOXIDE			EPA 508	
HEXACHLOROBENZENE			EPA 508	
HEXACHLOROCYCLOPENTADIENE			EPA 508	
LINDANE			EPA 508	
METHOXYCHLOR			EPA 508	
SIMAZINE			EPA 507	
TOXAPHENE			EPA 508	
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 552.2	