

*The Commonwealth of Massachusetts*



*Department of Environmental Protection*

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

*certifies*

**M-NJ1209**

**EMSL ANALYTICAL INC  
3 COOPER ST  
WESTMONT, NJ 08108-0000**

*Laboratory Director:* **JULIE SMITH**

*for the analysis of* **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. Jacobo".

*Director, Division of Environmental Analysis*

*Issued:* **01 JUL 2009**

*Expires:* **30 JUN 2010**

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2009

M-NJ1209 EMSL ANALYTICAL INC  
WESTMONT NJ

POTABLE WATER (CHEMISTRY)

Effective Date 01 JUL 2009

Expiration Date 30 JUN 2010

Analytes

Methods

ARSENIC	EPA 200.9
BARIUM	EPA 200.7
BERYLLIUM	EPA 200.7
CADMIUM	EPA 200.7
LEAD	EPA 200.9
NICKEL	EPA 200.7
THALLIUM	EPA 200.9
NITRITE-N	EPA 300.0
FLUORIDE	EPA 300.0
SULFATE	EPA 300.0
ALKALINITY, TOTAL	SM 2320B
TOTAL DISSOLVED SOLIDS	SM 2540C
PH	SM 4500-H-B
VOLATILE ORGANIC COMPOUNDS	EPA 524.2

**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: **01 JUL 2009**

**M-NJ1209 EMSL ANALYTICAL INC  
WESTMONT NJ**

<b>NON POTABLE WATER (CHEMISTRY)</b>	<b>Effective Date</b>	<b>01 JUL 2009</b>	<b>Expiration Date</b>	<b>30 JUN 2010</b>
<u>Analytes</u>			<u>Methods</u>	
ALUMINUM			EPA 200.7	
ANTIMONY			EPA 200.7	
ARSENIC			EPA 200.7	
BERYLLIUM			EPA 200.7	
CADMIUM			EPA 200.7	
CHROMIUM			EPA 200.7	
COBALT			EPA 200.7	
IRON			EPA 200.7	
LEAD			EPA 200.7	
MANGANESE			EPA 200.7	
MERCURY			EPA 245.1	
MOLYBDENUM			EPA 200.7	
NICKEL			EPA 200.7	
SELENIUM			EPA 200.7	
SILVER			EPA 200.7	
THALLIUM			EPA 200.7	
TITANIUM			EPA 200.7	
VANADIUM			EPA 200.7	
ZINC			EPA 200.7	
PH			SM 4500-H-B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
CALCIUM			EPA 200.7	
MAGNESIUM			EPA 200.7	
SODIUM			EPA 200.7	
ALKALINITY, TOTAL			SM 2320B	
CHLORIDE			EPA 300.0	
SULFATE			EPA 300.0	
NITRATE-N			EPA 300.0	
BIOCHEMICAL OXYGEN DEMAND			SM 5210B	
CYANIDE, TOTAL			SM 4500-CN-C,E	
NON-FILTERABLE RESIDUE			SM 2540D	
PHENOLICS, TOTAL			EPA 420.1	
VOLATILE HALOCARBONS			EPA 624	
VOLATILE AROMATICS			EPA 624	
CHLORDANE			EPA 608	
ALDRIN			EPA 608	
DIELDRIN			EPA 608	
DDD			EPA 608	
DDE			EPA 608	
DDT			EPA 608	
HEPTACHLOR			EPA 608	
HEPTACHLOR EPOXIDE			EPA 608	
POLYCHLORINATED BIPHENYLS (WATER)			EPA 608	