



### Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 004, expiration date November 30, 2010. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: **68-03530**

EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.**  
**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Drinking Water**

| Method    | Analyte  | Accreditation Type | Primary | Effective Date |
|-----------|--|--------------------|---------|----------------|
| EPA 200.7 | Aluminum   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Barium   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Beryllium  | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Cadmium  | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Calcium  | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Calcium hardness as CaCO <sub>3</sub>                    | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Chromium   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Copper   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Iron   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Magnesium  | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Manganese  | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Nickel   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Silver   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Sodium   | NELAP              | NY      | 1/20/2010      |
| EPA 200.7 | Zinc   | NELAP              | NY      | 1/20/2010      |
| EPA 200.9 | Antimony   | NELAP              | NY      | 1/20/2010      |
| EPA 200.9 | Arsenic  | NELAP              | NY      | 1/20/2010      |
| EPA 200.9 | Lead   | NELAP              | NY      | 1/20/2010      |
| EPA 200.9 | Selenium   | NELAP              | NY      | 1/20/2010      |
| EPA 200.9 | Thallium   | NELAP              | NY      | 1/20/2010      |
| EPA 300.0 | Chloride   | NELAP              | NY      | 1/20/2010      |
| EPA 300.0 | Fluoride   | NELAP              | NY      | 1/20/2010      |
| EPA 300.0 | Nitrate as N   | NELAP              | NY      | 1/20/2010      |
| EPA 300.0 | Nitrite as N   | NELAP              | NY      | 1/20/2010      |
| EPA 300.0 | Sulfate  | NELAP              | NY      | 1/20/2010      |
| EPA 300.0 | Total nitrate-nitrite                                    | NELAP              | NY      | 1/20/2010      |
| EPA 335.4 | Total cyanide  | NELAP              | NY      | 1/20/2010      |
| EPA 353.2 | Nitrate as N   | NELAP              | NY      | 1/20/2010      |
| EPA 504.1 | 1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane) | NELAP              | NY      | 1/20/2010      |
| EPA 504.1 | 1,2-Dibromoethane (EDB, Ethylene dibromide)              | NELAP              | NY      | 1/20/2010      |
| EPA 507   | Alachlor (Lasso)   | NELAP              | NY      | 1/20/2010      |
| EPA 507   | Atrazine   | NELAP              | NY      | 1/20/2010      |
| EPA 507   | Butachlor  | NELAP              | NY      | 1/20/2010      |
| EPA 507   | Metolachlor  | NELAP              | NY      | 1/20/2010      |
| EPA 507   | Simazine   | NELAP              | NY      | 1/20/2010      |
| EPA 508   | Aldrin (HHDN)  | NELAP              | NY      | 1/20/2010      |

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|------------------|---|--------------------|---------|----------------|
| EPA 508          | Chlordane (tech.)   | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Dieldrin  | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Endrin  | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Heptachlor  | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Heptachlor epoxide  | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Hexachlorobenzene   | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Methoxychlor  | NELAP              | NY      | 1/20/2010      |
| EPA 508          | PCBs (screen as individual arochlors)                           | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Propachlor (Ramrod)   | NELAP              | NY      | 1/20/2010      |
| EPA 508          | Toxaphene (Chlorinated camphene)                                | NELAP              | NY      | 1/20/2010      |
| EPA 508          | gamma-BHC (Lindane,<br>gamma-Hexachlorocyclohexane)             | NELAP              | NY      | 1/20/2010      |
| EPA 508-Extended | Hexachlorocyclopentadiene                                       | NELAP              | NY      | 1/20/2010      |
| EPA 515.1        | 2,4,5-TP (Silvex)   | NELAP              | NY      | 1/20/2010      |
| EPA 515.1        | 2,4-D   | NELAP              | NY      | 1/20/2010      |
| EPA 515.1        | Dalapon (2,2-Dichloropropionic acid)                            | NELAP              | NY      | 1/20/2010      |
| EPA 515.1        | Dicamba   | NELAP              | NY      | 1/20/2010      |
| EPA 515.1        | Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)                   | NELAP              | NY      | 1/20/2010      |
| EPA 515.1        | Pentachlorophenol (PCP)   | NELAP              | NY      | 1/20/2010      |
| EPA 515.1        | Picloram<br>(4-Amino-3,5,6-trichloro-2-pyridinecarboxylic acid) | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,1,1,2-Tetrachloroethane                                       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,1,1-Trichloroethane   | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,1,2,2-Tetrachloroethane                                       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,1,2-Trichloroethane   | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,1-Dichloroethane  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,1-Dichloroethene (1,1-Dichloroethylene)                       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,1-Dichloropropene   | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,2,3-Trichlorobenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,2,3-Trichloropropane (1,2,3-TCP)                              | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,2,4-Trichlorobenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,2,4-Trimethylbenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,2-Dichlorobenzene (o-Dichlorobenzene)                         | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,2-Dichloroethane  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,2-Dichloropropane   | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,3,5-Trimethylbenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2        | 1,3-Dichlorobenzene (m-Dichlorobenzene)                         | NELAP              | NY      | 1/20/2010      |

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EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.  
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Manchester, CT 06040**

Program **Drinking Water**

| Method    | Analyte                                       | Accreditation Type | Primary | Effective Date |
|-----------|---|--------------------|---------|----------------|
| EPA 524.2 | 1,3-Dichloropropane                           | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | 1,4-Dichlorobenzene (p-Dichlorobenzene)       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | 2,2-Dichloropropane                           | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | 2-Chlorotoluene                               | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | 4-Chlorotoluene                               | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | 4-Isopropyltoluene (p-Isopropyltoluene)       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Benzene                                       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Bromobenzene                                  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Bromochloromethane                            | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Carbon tetrachloride                          | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Chlorobenzene                                 | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Chloroethane                                  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Dibromomethane                                | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Dichlorodifluoromethane (Freon 12)            | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Dichloromethane (DCM, Methylene chloride)     | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Ethylbenzene                                  | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Isopropylbenzene                              | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Methyl bromide (Bromomethane)                 | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Methyl chloride (Chloromethane)               | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Methyl tert-butyl ether (MTBE)                | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Styrene                                       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Tetrachloroethene (PCE, Perchloroethylene)    | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Toluene                                       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Trichloroethene (TCE, Trichloroethylene)      | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Trichlorofluoromethane (Freon 11)             | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Vinyl chloride (Chloroethene)                 | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | Xylenes, total                                | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | cis-1,2-Dichloroethene                        | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | cis-1,3-Dichloropropene                       | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | n-Butylbenzene                                | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | n-Propylbenzene                               | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | sec-Butylbenzene                              | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | tert-Butylbenzene                             | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | trans-1,2-Dichloroethene                      | NELAP              | NY      | 1/20/2010      |
| EPA 524.2 | trans-1,3-Dichloropropene                     | NELAP              | NY      | 1/20/2010      |

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Program **Drinking Water**

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|-----------------------------|--|--------------------|---------|----------------|
| EPA 525.2                   | Benzo[a]pyrene                                       | NELAP              | NY      | 1/20/2010      |
| EPA 525.2                   | bis(2-Ethylhexyl) adipate (di(2-Ethylhexyl) adipate) | NELAP              | NY      | 1/20/2010      |
| EPA 525.2                   | bis(2-Ethylhexyl) phthalate (DEHP)                   | NELAP              | NY      | 1/20/2010      |
| EPA 552.2                   | Bromoacetic acid (Monobromoacetic acid, MBAA)        | NELAP              | NY      | 1/20/2010      |
| EPA 552.2                   | Bromodichloroacetic acid (BDCAA)                     | NELAP              | NY      | 1/20/2010      |
| EPA 552.2                   | Chloroacetic acid (Monochloroacetic acid, MCAA)      | NELAP              | NY      | 1/20/2010      |
| EPA 552.2                   | Dibromoacetic acid (DBAA)                            | NELAP              | NY      | 1/20/2010      |
| EPA 552.2                   | Dichloroacetic acid (DCAA)                           | NELAP              | NY      | 1/20/2010      |
| EPA 552.2                   | Total haloacetic acids                               | NELAP              | NY      | 1/20/2010      |
| EPA 552.2                   | Trichloroacetic acid (TCAA)                          | NELAP              | NY      | 1/20/2010      |
| SM 2120 B                   | Color  | NELAP              | NY      | 1/20/2010      |
| SM 2130 B                   | Turbidity  | NELAP              | NY      | 1/20/2010      |
| SM 2320 B                   | Alkalinity as CaCO <sub>3</sub>                      | NELAP              | NY      | 1/20/2010      |
| SM 2330 B                   | Corrosivity (Langlier index)                         | NELAP              | NY      | 1/20/2010      |
| SM 2510 B                   | Conductivity   | NELAP              | NY      | 1/20/2010      |
| SM 2540 C                   | Residue, filterable (TDS)                            | NELAP              | NY      | 1/20/2010      |
| SM 2550 B                   | Temperature, deg. C                                  | NELAP              | NY      | 1/20/2010      |
| SM 4500-Cl G                | Residual free chlorine                               | NELAP              | NY      | 1/20/2010      |
| SM 4500-Cl G                | Total residual chlorine                              | NELAP              | NY      | 1/20/2010      |
| SM 4500-F- C                | Fluoride   | NELAP              | NY      | 1/20/2010      |
| SM 4500-H+ B                | pH   | NELAP              | NY      | 1/20/2010      |
| SM 4500-NO <sub>2</sub> - B | Nitrite as N   | NELAP              | NY      | 1/20/2010      |
| SM 4500-P E                 | Orthophosphate as P                                  | NELAP              | NY      | 1/20/2010      |
| SM 4500-P F                 | Orthophosphate as P                                  | NELAP              | NY      | 1/20/2010      |
| SM 5310 B                   | Total organic carbon (TOC)                           | NELAP              | NY      | 1/20/2010      |
| SM 5310 C                   | Total organic carbon (TOC)                           | NELAP              | NY      | 1/20/2010      |
| SM 5540 C                   | Surfactants as MBAS                                  | NELAP              | NY      | 1/20/2010      |
| SM 5910 B                   | UV 254   | NELAP              | NY      | 1/20/2010      |

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**Phoenix Environmental Laboratories, Inc.  
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Program **Non-Potable Water**

| Method         | Analyte                     | Accreditation Type | Primary | Effective Date |
|----------------|-----------------------------|--------------------|---------|----------------|
| EPA 1664 Rev A | Oil and grease              | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Aluminum                    | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Antimony                    | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Arsenic                     | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Barium                      | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Beryllium                   | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Boron                       | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Cadmium                     | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Calcium                     | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Chromium                    | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Cobalt                      | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Copper                      | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Iron                        | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Lead                        | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Magnesium                   | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Manganese                   | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Molybdenum                  | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Nickel                      | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Potassium                   | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Selenium                    | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Silver                      | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Sodium                      | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Thallium                    | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Tin                         | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Titanium                    | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Total hardness as CaCO3     | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Vanadium                    | NELAP              | NY      | 11/21/2006     |
| EPA 200.7      | Zinc                        | NELAP              | NY      | 11/21/2006     |
| EPA 245.1      | Mercury                     | NELAP              | NY      | 11/21/2006     |
| EPA 279.2      | Thallium                    | NELAP              | NY      | 11/21/2006     |
| EPA 300.0      | Bromide                     | NELAP              | NY      | 11/21/2006     |
| EPA 300.0      | Chloride                    | NELAP              | NY      | 11/21/2006     |
| EPA 300.0      | Nitrate as N                | NELAP              | NY      | 11/21/2006     |
| EPA 300.0      | Nitrite as N                | NELAP              | NY      | 11/21/2006     |
| EPA 300.0      | Sulfate                     | NELAP              | NY      | 11/21/2006     |
| EPA 3005A      | Preconcentration under acid | NELAP              | NY      | 9/29/2008      |

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Program **Non-Potable Water**

| Method    | Analyte   | Accreditation Type | Primary | Effective Date |
|-----------|---|--------------------|---------|----------------|
| EPA 3010A | Hot plate acid digestion (HNO <sub>3</sub> + HCl) | NELAP              | NY      | 1/20/2010      |
| EPA 335.4 | Total cyanide                                     | NELAP              | NY      | 1/20/2010      |
| EPA 350.1 | Ammonia as N                                      | NELAP              | NY      | 11/21/2006     |
| EPA 351.1 | Kjeldahl nitrogen, total (TKN)                    | NELAP              | NY      | 11/21/2006     |
| EPA 3510C | Separatory funnel liquid-liquid extraction        | NELAP              | NY      | 9/29/2008      |
| EPA 3520C | Continuous liquid-liquid extraction               | NELAP              | NY      | 9/29/2008      |
| EPA 353.2 | Nitrate as N                                      | NELAP              | NY      | 11/21/2006     |
| EPA 376.2 | Sulfide   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Aluminum  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Antimony  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Arsenic   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Barium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Beryllium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Boron   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Cadmium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Calcium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Chromium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Cobalt  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Copper  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Iron  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Lead  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Magnesium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Manganese   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Molybdenum  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Nickel  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Potassium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Selenium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Silver  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Sodium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Strontium   | NELAP              | NY      | 1/20/2010      |
| EPA 6010B | Thallium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Tin   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Titanium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Vanadium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Zinc  | NELAP              | NY      | 11/21/2006     |
| EPA 608   | 4,4'-DDD  | NELAP              | NY      | 11/21/2006     |

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Program **Non-Potable Water**

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|------------------|---|--------------------|---------|----------------|
| EPA 608          | 4,4'-DDE  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | 4,4'-DDT  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aldrin (HHDN)                                       | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aroclor-1016 (PCB-1016)                             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aroclor-1221 (PCB-1221)                             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aroclor-1232 (PCB-1232)                             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aroclor-1242 (PCB-1242)                             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aroclor-1248 (PCB-1248)                             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aroclor-1254 (PCB-1254)                             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Aroclor-1260 (PCB-1260)                             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Chlordane (tech.)                                   | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Dieldrin  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Endosulfan I  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Endosulfan II                                       | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Endosulfan sulfate                                  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Endrin  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Endrin aldehyde                                     | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Heptachlor  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Heptachlor epoxide                                  | NELAP              | NY      | 11/21/2006     |
| EPA 608          | Toxaphene (Chlorinated camphene)                    | NELAP              | NY      | 11/21/2006     |
| EPA 608          | alpha-BHC (alpha-Hexachlorocyclohexane)             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | beta-BHC (beta-Hexachlorocyclohexane)               | NELAP              | NY      | 11/21/2006     |
| EPA 608          | delta-BHC (delta-Hexachlorocyclohexane)             | NELAP              | NY      | 11/21/2006     |
| EPA 608          | gamma-BHC (Lindane,<br>gamma-Hexachlorocyclohexane) | NELAP              | NY      | 11/21/2006     |
| EPA 608-Extended | Methoxychlor  | NELAP              | NY      | 1/20/2010      |
| EPA 624          | 1,1,1-Trichloroethane                               | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,1,2,2-Tetrachloroethane                           | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,1,2-Trichloroethane                               | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,1-Dichloroethane                                  | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,1-Dichloroethene (1,1-Dichloroethylene)           | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,2-Dichlorobenzene (o-Dichlorobenzene)             | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,2-Dichloroethane                                  | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,2-Dichloropropane                                 | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,3-Dichlorobenzene (m-Dichlorobenzene)             | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 1,4-Dichlorobenzene (p-Dichlorobenzene)             | NELAP              | NY      | 11/21/2006     |
| EPA 624          | 2-Chloroethyl vinyl ether                           | NELAP              | NY      | 11/21/2006     |

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### Laboratory Scope of Accreditation

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State Laboratory ID: **68-03530**

EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.**  
**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Non-Potable Water**

| Method           | Analyte                                    | Accreditation Type | Primary | Effective Date |
|------------------|--|--------------------|---------|----------------|
| EPA 624          | Benzene                                    | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Bromodichloromethane                       | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Bromoform                                  | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Bromomethane (Methyl bromide)              | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Carbon tetrachloride                       | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Chlorobenzene                              | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Chloroethane                               | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Chloroform                                 | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Chloromethane (Methyl chloride)            | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Dibromochloromethane                       | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Ethylbenzene                               | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Methylene chloride (Dichloromethane)       | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Tetrachloroethene (PCE, Perchloroethylene) | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Toluene                                    | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Trichloroethene (TCE, Trichloroethylene)   | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Trichlorofluoromethane (Freon 11)          | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Vinyl chloride (Chloroethene)              | NELAP              | NY      | 11/21/2006     |
| EPA 624          | Xylenes, total                             | NELAP              | NY      | 11/21/2006     |
| EPA 624          | cis-1,3-Dichloropropene                    | NELAP              | NY      | 11/21/2006     |
| EPA 624          | trans-1,2-Dichloroethene                   | NELAP              | NY      | 11/21/2006     |
| EPA 624          | trans-1,3-Dichloropropene                  | NELAP              | NY      | 11/21/2006     |
| EPA 624-Extended | Acrolein (Propenal)                        | NELAP              | NY      | 11/21/2006     |
| EPA 624-Extended | Acrylonitrile                              | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 1,2,4-Trichlorobenzene                     | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 1,2-Dichlorobenzene (o-Dichlorobenzene)    | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 1,3-Dichlorobenzene (m-Dichlorobenzene)    | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 1,4-Dichlorobenzene (p-Dichlorobenzene)    | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2,4,5-Trichlorophenol                      | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2,4,6-Trichlorophenol                      | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2,4-Dichlorophenol                         | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2,4-Dimethylphenol                         | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2,4-Dinitrophenol                          | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2,4-Dinitrotoluene (2,4-DNT)               | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2,6-Dinitrotoluene (2,6-DNT)               | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2-Chloronaphthalene                        | NELAP              | NY      | 11/21/2006     |
| EPA 625          | 2-Chlorophenol                             | NELAP              | NY      | 11/21/2006     |

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**Laboratory Scope of Accreditation**

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State Laboratory ID: **68-03530**EPA Lab Code: **CT00007****(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.**  
**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Non-Potable Water**

| Method  | Analyte  | Accreditation Type | Primary | Effective Date |
|---------|--|--------------------|---------|----------------|
| EPA 625 | 2-Methyl-4,6-dinitrophenol<br>(4,6-Dinitro-2-methylphenol) | NELAP              | NY      | 11/21/2006     |
| EPA 625 | 2-Nitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 625 | 4-Bromophenyl phenyl ether                                 | NELAP              | NY      | 11/21/2006     |
| EPA 625 | 4-Chloro-3-methylphenol                                    | NELAP              | NY      | 11/21/2006     |
| EPA 625 | 4-Chlorophenyl phenyl ether                                | NELAP              | NY      | 11/21/2006     |
| EPA 625 | 4-Nitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Acenaphthene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Acenaphthylene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Anthracene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Benzo[a]anthracene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Benzo[a]pyrene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Benzo[b]fluoranthene                                       | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Benzo[ghi]perylene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Benzo[k]fluoranthene                                       | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Butyl benzyl phthalate (Benzyl butyl phthalate)            | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Chrysene (Benzo[a]phenanthrene)                            | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Di-n-butyl phthalate                                       | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Di-n-octyl phthalate                                       | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Dibenzo[a,h]anthracene                                     | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Dimethyl phthalate   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Fluoranthene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Fluorene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Hexachlorobenzene  | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Hexachlorobutadiene (1,3-Hexachlorobutadiene)              | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Hexachlorocyclopentadiene                                  | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Hexachloroethane   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Indeno(1,2,3-cd)pyrene                                     | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Isophorone   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | N-Nitrosodi-n-propylamine                                  | NELAP              | NY      | 11/21/2006     |
| EPA 625 | N-Nitrosodimethylamine                                     | NELAP              | NY      | 11/21/2006     |
| EPA 625 | N-Nitrosodiphenylamine                                     | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Naphthalene  | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Nitrobenzene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Pentachlorophenol (PCP)                                    | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Phenanthrene   | NELAP              | NY      | 11/21/2006     |
| EPA 625 | Phenol   | NELAP              | NY      | 11/21/2006     |

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EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.  
587 East Middle Turnpike  
Manchester, CT 06040**

Program **Non-Potable Water**

| Method    | Analyte  | Accreditation Type | Primary | Effective Date |
|-----------|--|--------------------|---------|----------------|
| EPA 625   | Pyrene   | NELAP              | NY      | 11/21/2006     |
| EPA 625   | bis(2-Chloroethoxy)methane                       | NELAP              | NY      | 11/21/2006     |
| EPA 625   | bis(2-Chloroethyl) ether                         | NELAP              | NY      | 11/21/2006     |
| EPA 625   | bis(2-Chloroisopropyl) ether                     | NELAP              | NY      | 11/21/2006     |
| EPA 625   | bis(2-Ethylhexyl) phthalate (DEHP)               | NELAP              | NY      | 11/21/2006     |
| EPA 7041  | Antimony   | NELAP              | NY      | 11/21/2006     |
| EPA 7421  | Lead   | NELAP              | NY      | 9/29/2008      |
| EPA 7740  | Selenium   | NELAP              | NY      | 11/21/2006     |
| EPA 8015  | Isobutyl alcohol (2-Methyl-1-propanol)           | NELAP              | NY      | 1/20/2010      |
| EPA 8081A | 4,4'-DDD   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | 4,4'-DDE   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | 4,4'-DDT   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Aldrin (HHDN)                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Chlordane (tech.)                                | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Dieldrin   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Endosulfan I                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Endosulfan II                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Endosulfan sulfate                               | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Endrin   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Endrin aldehyde                                  | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Heptachlor                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Heptachlor epoxide                               | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Methoxychlor                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | Toxaphene (Chlorinated camphene)                 | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | alpha-BHC (alpha-Hexachlorocyclohexane)          | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | beta-BHC (beta-Hexachlorocyclohexane)            | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | delta-BHC (delta-Hexachlorocyclohexane)          | NELAP              | NY      | 11/21/2006     |
| EPA 8081A | gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | NELAP              | NY      | 11/21/2006     |
| EPA 8082  | Aroclor-1016 (PCB-1016)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082  | Aroclor-1221 (PCB-1221)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082  | Aroclor-1232 (PCB-1232)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082  | Aroclor-1242 (PCB-1242)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082  | Aroclor-1248 (PCB-1248)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082  | Aroclor-1254 (PCB-1254)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082  | Aroclor-1260 (PCB-1260)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Azinphos-methyl (Guthion)                        | NELAP              | NY      | 11/21/2006     |

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EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.  
587 East Middle Turnpike  
Manchester, CT 06040**

Program **Non-Potable Water**

| Method    | Analyte                                       | Accreditation Type | Primary | Effective Date |
|-----------|---|--------------------|---------|----------------|
| EPA 8141A | Demeton-O                                     | NELAP              | NY      | 1/20/2010      |
| EPA 8141A | Demeton-S                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Diazinon (Spectracide)                        | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Disulfoton                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Malathion                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Parathion, ethyl (Ethyl parathion, Parathion) | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Simazine                                      | NELAP              | NY      | 1/20/2010      |
| EPA 8151A | 2,4,5-T                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | 2,4,5-TP (Silvex)                             | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | 2,4-D   | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | Dalapon (2,2-Dichloropropionic acid)          | NELAP              | NY      | 1/20/2010      |
| EPA 8151A | Dicamba                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP) | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,1,1,2-Tetrachloroethane                     | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,1,1-Trichloroethane                         | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1,2,2-Tetrachloroethane                     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1,2-Trichloroethane                         | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1-Dichloroethane                            | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1-Dichloroethene (1,1-Dichloroethylene)     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,2-Dibromoethane (EDB, Ethylene dibromide)   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,2-Dichlorobenzene (o-Dichlorobenzene)       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,2-Dichloroethane                            | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,2-Dichloropropane                           | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,3,5-Trimethylbenzene                        | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,3-Dichlorobenzene (m-Dichlorobenzene)       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,3-Dichloropropane                           | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,4-Dichlorobenzene (p-Dichlorobenzene)       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,4-Dioxane (1,4-Diethyleneoxide)             | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 2,2-Dichloropropane                           | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 2-Butanone (Methyl ethyl ketone, MEK)         | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 2-Chloroethyl vinyl ether                     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Acrolein (Propenal)                           | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Acrylonitrile                                 | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Benzene                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Bromochloromethane                            | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Bromodichloromethane                          | NELAP              | NY      | 11/21/2006     |

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587 East Middle Turnpike  
Manchester, CT 06040**

Program **Non-Potable Water**

| Method    | Analyte   | Accreditation Type | Primary | Effective Date |
|-----------|---|--------------------|---------|----------------|
| EPA 8260B | Bromoform   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Bromomethane (Methyl bromide)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Carbon disulfide  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Carbon tetrachloride  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chlorobenzene   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chloroethane  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chloroform  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chloromethane (Methyl chloride)                             | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Dibromochloromethane  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Dibromochloropropane<br>(1,2-Dibromo-3-chloropropane, DBCP) | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Dibromomethane  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Dichlorodifluoromethane (Freon 12)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Ethanol   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Ethylbenzene  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Methyl tert-butyl ether (MTBE)                              | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Methylene chloride (Dichloromethane)                        | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Styrene   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Tetrachloroethene (PCE, Perchloroethylene)                  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Toluene   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Trichloroethene (TCE, Trichloroethylene)                    | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Trichlorofluoromethane (Freon 11)                           | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Vinyl acetate   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Vinyl chloride (Chloroethene)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Xylenes, total  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | cis-1,2-Dichloroethene                                      | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | cis-1,3-Dichloropropene                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | n-Butylbenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | n-Propylbenzene   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | sec-Butylbenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | tert-Butyl alcohol (2-Methyl-2-propanol)                    | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | trans-1,2-Dichloroethene                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | trans-1,3-Dichloropropene                                   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | trans-1,4-Dichloro-2-butene                                 | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 1,2,4-Trichlorobenzene                                      | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4,5-Trichlorophenol                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4,6-Trichlorophenol                                       | NELAP              | NY      | 11/21/2006     |

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**Laboratory Scope of Accreditation**

Attachment to Certificate of Accreditation 004, expiration date November 30, 2010. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: **68-03530**

EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.  
587 East Middle Turnpike  
Manchester, CT 06040**

Program **Non-Potable Water**

| Method    | Analyte  | Accreditation Type | Primary | Effective Date |
|-----------|--|--------------------|---------|----------------|
| EPA 8270C | 2,4-Dichlorophenol   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4-Dimethylphenol   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4-Dinitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4-Dinitrotoluene (2,4-DNT)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,6-Dinitrotoluene (2,6-DNT)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Chloronaphthalene  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Chlorophenol   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Methyl-4,6-dinitrophenol<br>(4,6-Dinitro-2-methylphenol) | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Nitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 3,3'-Dichlorobenzidine                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 4-Bromophenyl phenyl ether                                 | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 4-Chloro-3-methylphenol                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 4-Chlorophenyl phenyl ether                                | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 4-Methylphenol (p-Cresol)                                  | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 4-Nitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Acenaphthene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Acenaphthylene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Anthracene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzidine  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[a]anthracene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[a]pyrene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[b]fluoranthene                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[ghi]perylene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[k]fluoranthene                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzoic acid   | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | Benzyl butyl phthalate (Butyl benzyl phthalate)            | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Chrysene (Benzo[a]phenanthrene)                            | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Di-n-butyl phthalate                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Di-n-octyl phthalate                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Dibenzo[a,h]anthracene                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Dibenzofuran   | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | Diethyl phthalate  | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | Dimethyl phthalate   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Fluoranthene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Fluorene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Hexachlorobenzene  | NELAP              | NY      | 11/21/2006     |

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**Laboratory Scope of Accreditation**

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State Laboratory ID: **68-03530**

EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.  
587 East Middle Turnpike  
Manchester, CT 06040**

Program **Non-Potable Water**

| Method             | Analyte                                       | Accreditation Type | Primary | Effective Date |
|--------------------|---|--------------------|---------|----------------|
| EPA 8270C          | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Hexachlorocyclopentadiene                     | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Hexachloroethane                              | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Indeno(1,2,3-cd)pyrene                        | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Isophorone                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | N-Nitrosodi-n-propylamine                     | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | N-Nitrosodimethylamine                        | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | N-Nitrosodiphenylamine                        | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Naphthalene                                   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Nitrobenzene                                  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Pentachlorophenol (PCP)                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Phenanthrene                                  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Phenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Pyrene  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Pyridine                                      | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | bis(2-Chloroethoxy)methane                    | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | bis(2-Chloroethyl) ether                      | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | bis(2-Chloroisopropyl) ether                  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | bis(2-Ethylhexyl) phthalate (DEHP)            | NELAP              | NY      | 11/21/2006     |
| EPA 8270C-Extended | Carbazole                                     | NELAP              | NY      | 1/20/2010      |
| EPA 9040B          | pH  | NELAP              | NY      | 11/21/2006     |
| SM 2120 B          | Color   | NELAP              | NY      | 9/26/2007      |
| SM 2310 B          | Acidity as CaCO3                              | NELAP              | NY      | 11/21/2006     |
| SM 2320 B          | Alkalinity as CaCO3                           | NELAP              | NY      | 11/21/2006     |
| SM 2510 B          | Conductivity                                  | NELAP              | NY      | 11/21/2006     |
| SM 2540 B          | Residue, total                                | NELAP              | NY      | 11/21/2006     |
| SM 2540 C          | Residue, filterable (TDS)                     | NELAP              | NY      | 11/21/2006     |
| SM 2540 D          | Residue, nonfilterable (TSS)                  | NELAP              | NY      | 11/21/2006     |
| SM 2540 F          | Residue, settleable                           | NELAP              | NY      | 1/20/2010      |
| SM 3113 B          | Antimony                                      | NELAP              | NY      | 11/21/2006     |
| SM 3113 B          | Arsenic                                       | NELAP              | NY      | 11/21/2006     |
| SM 3113 B          | Lead  | NELAP              | NY      | 11/21/2006     |
| SM 3113 B          | Selenium                                      | NELAP              | NY      | 11/21/2006     |
| SM 3113 B          | Silver  | NELAP              | NY      | 9/26/2007      |
| SM 3500-Cr D       | Chromium VI                                   | NELAP              | NY      | 11/21/2006     |
| SM 4500-Cl- E      | Chloride                                      | NELAP              | NY      | 11/21/2006     |

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**Laboratory Scope of Accreditation**

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Attachment to Certificate of Accreditation 004, expiration date November 30, 2010. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: **68-03530**EPA Lab Code: **CT00007****(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.**  
**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Non-Potable Water**

| Method         | Analyte                         | Accreditation Type | Primary | Effective Date |
|----------------|---------------------------------|--------------------|---------|----------------|
| SM 4500-H+ B   | pH                              | NELAP              | NY      | 9/26/2007      |
| SM 4500-NO2- B | Nitrite                         | NELAP              | NY      | 11/21/2006     |
| SM 4500-P E    | Orthophosphate as P             | NELAP              | NY      | 11/21/2006     |
| SM 4500-P E    | Phosphorus, total               | NELAP              | NY      | 11/21/2006     |
| SM 4500-P F    | Orthophosphate as P             | NELAP              | NY      | 9/26/2007      |
| SM 4500-SO4 D  | Sulfate                         | NELAP              | NY      | 9/26/2007      |
| SM 5210 B      | Biochemical oxygen demand (BOD) | NELAP              | NY      | 9/26/2007      |
| SM 5210 B      | Carbonaceous BOD (CBOD)         | NELAP              | NY      | 11/21/2006     |
| SM 5220 D      | Chemical oxygen demand (COD)    | NELAP              | NY      | 11/21/2006     |
| SM 5310 B      | Total organic carbon (TOC)      | NELAP              | NY      | 9/29/2008      |
| SM 5540 C      | Surfactants as MBAS             | NELAP              | NY      | 11/21/2006     |

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Issue Date: 01/27/2010



**Laboratory Scope of Accreditation**

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**Phoenix Environmental Laboratories, Inc.**  
**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Solid and Chemical Materials**

| Method    | Analyte   | Accreditation Type | Primary | Effective Date |
|-----------|---|--------------------|---------|----------------|
| EPA 1010  | Ignitability                                      | NELAP              | NY      | 11/21/2006     |
| EPA 1310A | Extraction Procedure (EP) Toxicity Test Method    | NELAP              | NY      | 11/21/2006     |
| EPA 1311  | Toxicity characteristic leaching procedure (TCLP) | NELAP              | NY      | 11/21/2006     |
| EPA 3050B | Acid digestion of solids                          | NELAP              | NY      | 9/26/2007      |
| EPA 3540C | Soxhlet extraction                                | NELAP              | NY      | 1/20/2010      |
| EPA 3545  | Pressurized fluid extraction (PFE)                | NELAP              | NY      | 9/26/2007      |
| EPA 3550B | Ultrasonic extraction                             | NELAP              | NY      | 9/26/2007      |
| EPA 3580A | Waste dilution                                    | NELAP              | NY      | 9/26/2007      |
| EPA 5035  | Closed-system purge-and-trap (bisulfate option)   | NELAP              | NY      | 9/26/2007      |
| EPA 5035  | Closed-system purge-and-trap (methanol option)    | NELAP              | NY      | 9/26/2007      |
| EPA 5035  | Closed-system purge-and-trap (unpreserved)        | NELAP              | NY      | 9/26/2007      |
| EPA 6010B | Aluminum  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Antimony  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Arsenic   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Barium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Beryllium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Boron   | NELAP              | NY      | 1/20/2010      |
| EPA 6010B | Cadmium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Calcium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Chromium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Cobalt  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Copper  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Iron  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Lead  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Magnesium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Manganese   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Molybdenum  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Nickel  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Potassium   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Selenium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Silver  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Sodium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Thallium  | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Tin   | NELAP              | NY      | 11/21/2006     |
| EPA 6010B | Titanium  | NELAP              | NY      | 1/20/2010      |
| EPA 6010B | Vanadium  | NELAP              | NY      | 11/21/2006     |

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**Program Solid and Chemical Materials**

| Method      | Analyte  | Accreditation Type | Primary | Effective Date |
|-------------|--|--------------------|---------|----------------|
| EPA 6010B   | Zinc   | NELAP              | NY      | 11/21/2006     |
| EPA 7.3.3.2 | Reactive cyanide                                 | NELAP              | NY      | 11/21/2006     |
| EPA 7.3.4.2 | Reactive sulfide                                 | NELAP              | NY      | 11/21/2006     |
| EPA 7196A   | Chromium VI                                      | NELAP              | NY      | 11/21/2006     |
| EPA 7471A   | Mercury  | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | 4,4'-DDD   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | 4,4'-DDE   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | 4,4'-DDT   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Aldrin (HHDN)                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Chlordane (tech.)                                | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Dieldrin   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Endosulfan I                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Endosulfan II                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Endosulfan sulfate                               | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Endrin   | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Endrin aldehyde                                  | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Heptachlor                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Heptachlor epoxide                               | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Methoxychlor                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | Toxaphene (Chlorinated camphene)                 | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | alpha-BHC (alpha-Hexachlorocyclohexane)          | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | beta-BHC (beta-Hexachlorocyclohexane)            | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | delta-BHC (delta-Hexachlorocyclohexane)          | NELAP              | NY      | 11/21/2006     |
| EPA 8081A   | gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | NELAP              | NY      | 11/21/2006     |
| EPA 8082    | Aroclor-1016 (PCB-1016)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082    | Aroclor-1221 (PCB-1221)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082    | Aroclor-1232 (PCB-1232)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082    | Aroclor-1242 (PCB-1242)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082    | Aroclor-1248 (PCB-1248)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082    | Aroclor-1254 (PCB-1254)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8082    | Aroclor-1260 (PCB-1260)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8141A   | Azinphos-methyl (Guthion)                        | NELAP              | NY      | 11/21/2006     |
| EPA 8141A   | Demeton-O  | NELAP              | NY      | 11/21/2006     |
| EPA 8141A   | Demeton-S  | NELAP              | NY      | 11/21/2006     |
| EPA 8141A   | Diazinon (Spectracide)                           | NELAP              | NY      | 11/21/2006     |
| EPA 8141A   | Disulfoton                                       | NELAP              | NY      | 11/21/2006     |

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**Laboratory Scope of Accreditation**

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**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Solid and Chemical Materials**

| Method    | Analyte                                       | Accreditation Type | Primary | Effective Date |
|-----------|---|--------------------|---------|----------------|
| EPA 8141A | Malathion                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Methyl parathion (Parathion, methyl)          | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Parathion, ethyl (Ethyl parathion, Parathion) | NELAP              | NY      | 11/21/2006     |
| EPA 8141A | Simazine                                      | NELAP              | NY      | 1/20/2010      |
| EPA 8151A | 2,4,5-T                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | 2,4,5-TP (Silvex)                             | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | 2,4-D   | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | 2,4-DB (Butoxon)                              | NELAP              | NY      | 1/20/2010      |
| EPA 8151A | Dicamba                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8151A | Dichloroprop (Dichlorprop)                    | NELAP              | NY      | 1/20/2010      |
| EPA 8151A | MCPA  | NELAP              | NY      | 1/20/2010      |
| EPA 8151A | MCPP (Mecoprop)                               | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,1,1-Trichloroethane                         | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1,1,2-Tetrachloroethane                     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1,2-Trichloroethane                         | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1-Dichloroethane                            | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1-Dichloroethene (1,1-Dichloroethylene)     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,1-Dichloropropene                           | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,2-Dichlorobenzene (o-Dichlorobenzene)       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,2-Dichloroethane                            | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,2-Dichloropropane                           | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,3,5-Trimethylbenzene                        | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,3-Dichlorobenzene (m-Dichlorobenzene)       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,3-Dichloropropane                           | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 1,4-Dichlorobenzene (p-Dichlorobenzene)       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 1,4-Dioxane (1,4-Diethyleneoxide)             | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 2,2-Dichloropropane                           | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 2-Butanone (Methyl ethyl ketone, MEK)         | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 2-Chloroethyl vinyl ether                     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | 2-Chlorotoluene                               | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 2-Hexanone                                    | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | 4-Chlorotoluene                               | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Acrolein (Propenal)                           | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Acrylonitrile                                 | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Benzene                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Benzyl chloride                               | NELAP              | NY      | 11/21/2006     |

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**Laboratory Scope of Accreditation**

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**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Solid and Chemical Materials**

| Method    | Analyte   | Accreditation Type | Primary | Effective Date |
|-----------|---|--------------------|---------|----------------|
| EPA 8260B | Bromobenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Bromochloromethane  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Bromodichloromethane  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Bromoform   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Bromomethane (Methyl bromide)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Carbon disulfide  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Carbon tetrachloride  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chlorobenzene   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chloroethane  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chloroform  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Chloromethane (Methyl chloride)                             | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Dibromochloromethane  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Dibromochloropropane<br>(1,2-Dibromo-3-chloropropane, DBCP) | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Dibromomethane  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Dichlorodifluoromethane (Freon 12)                          | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Ethylbenzene  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Isopropylbenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Methyl tert-butyl ether (MTBE)                              | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Methylene chloride (Dichloromethane)                        | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Styrene   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Tetrachloroethene (PCE, Perchloroethylene)                  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Toluene   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Trichloroethene (TCE, Trichloroethylene)                    | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Trichlorofluoromethane (Freon 11)                           | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Vinyl acetate   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | Vinyl chloride (Chloroethene)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | Xylenes, total  | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | cis-1,2-Dichloroethene                                      | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | cis-1,3-Dichloropropene                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | n-Butylbenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | n-Propylbenzene   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | sec-Butylbenzene  | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | tert-Butylbenzene   | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | trans-1,2-Dichloroethene                                    | NELAP              | NY      | 1/20/2010      |
| EPA 8260B | trans-1,3-Dichloropropene                                   | NELAP              | NY      | 11/21/2006     |
| EPA 8260B | trans-1,4-Dichloro-2-butene                                 | NELAP              | NY      | 1/20/2010      |

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[www.dep.state.pa.us](http://www.dep.state.pa.us)**Issue Date: 01/27/2010**

**Laboratory Scope of Accreditation**

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Attachment to Certificate of Accreditation 004, expiration date November 30, 2010. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: **68-03530**EPA Lab Code: **CT00007****(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.**  
**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Solid and Chemical Materials**

| Method    | Analyte  | Accreditation Type | Primary | Effective Date |
|-----------|--|--------------------|---------|----------------|
| EPA 8270C | 1,2,4-Trichlorobenzene                                     | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4,6-Trichlorophenol                                      | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4-Dichlorophenol   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4-Dimethylphenol   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4-Dinitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,4-Dinitrotoluene (2,4-DNT)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2,6-Dinitrotoluene (2,6-DNT)                               | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Chloronaphthalene  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Chlorophenol   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Methyl-4,6-dinitrophenol<br>(4,6-Dinitro-2-methylphenol) | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 2-Methylphenol (o-Cresol)                                  | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 2-Nitroaniline   | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 2-Nitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 3,3'-Dichlorobenzidine                                     | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 3-Nitroaniline   | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 4-Bromophenyl phenyl ether                                 | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 4-Chloro-3-methylphenol                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | 4-Chloroaniline  | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 4-Chlorophenyl phenyl ether                                | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 4-Nitroaniline   | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | 4-Nitrophenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Acenaphthene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Acenaphthylene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Aniline  | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | Anthracene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzidine  | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | Benzo[a]anthracene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[a]pyrene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[b]fluoranthene                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzo[ghi]perylene   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Benzoic acid   | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | Benzyl alcohol   | NELAP              | NY      | 1/20/2010      |
| EPA 8270C | Benzyl butyl phthalate (Butyl benzyl phthalate)            | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Chrysene (Benzo[a]phenanthrene)                            | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Di-n-butyl phthalate                                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C | Di-n-octyl phthalate                                       | NELAP              | NY      | 11/21/2006     |

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[www.dep.state.pa.us](http://www.dep.state.pa.us)**Issue Date: 01/27/2010**



### Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 004, expiration date November 30, 2010. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: **68-03530**

EPA Lab Code: **CT00007**

**(860) 645-1102**

**Phoenix Environmental Laboratories, Inc.**  
**587 East Middle Turnpike**  
**Manchester, CT 06040**

Program **Solid and Chemical Materials**

| Method             | Analyte                                       | Accreditation Type | Primary | Effective Date |
|--------------------|---|--------------------|---------|----------------|
| EPA 8270C          | Dibenzo[a,h]anthracene                        | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Dibenzofuran                                  | NELAP              | NY      | 1/20/2010      |
| EPA 8270C          | Diethyl phthalate                             | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Dimethyl phthalate                            | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Fluoranthene                                  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Fluorene                                      | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Hexachlorobenzene                             | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Hexachlorobutadiene (1,3-Hexachlorobutadiene) | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Hexachlorocyclopentadiene                     | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Hexachloroethane                              | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Indeno(1,2,3-cd)pyrene                        | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Isophorone                                    | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | N-Nitrosodi-n-propylamine                     | NELAP              | NY      | 1/20/2010      |
| EPA 8270C          | N-Nitrosodimethylamine                        | NELAP              | NY      | 1/20/2010      |
| EPA 8270C          | N-Nitrosodiphenylamine                        | NELAP              | NY      | 1/20/2010      |
| EPA 8270C          | Naphthalene                                   | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Nitrobenzene                                  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Pentachloronitrobenzene (PCNB)                | NELAP              | NY      | 1/20/2010      |
| EPA 8270C          | Pentachlorophenol (PCP)                       | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Phenanthrene                                  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Phenol  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | Pyrene  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | bis(2-Chloroethoxy)methane                    | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | bis(2-Chloroethyl) ether                      | NELAP              | NY      | 1/20/2010      |
| EPA 8270C          | bis(2-Chloroisopropyl) ether                  | NELAP              | NY      | 11/21/2006     |
| EPA 8270C          | bis(2-Ethylhexyl) phthalate (DEHP)            | NELAP              | NY      | 11/21/2006     |
| EPA 8270C-Extended | Carbazole                                     | NELAP              | NY      | 1/20/2010      |
| EPA 9012           | Total cyanide                                 | NELAP              | NY      | 11/21/2006     |
| EPA 9030B          | Sulfide distillation                          | NELAP              | NY      | 11/21/2006     |
| EPA 9045C          | pH  | NELAP              | NY      | 11/21/2006     |
| EPA 9056           | Chloride                                      | NELAP              | NY      | 1/20/2010      |
| EPA 9056           | Nitrate                                       | NELAP              | NY      | 1/20/2010      |
| EPA 9056           | Nitrite                                       | NELAP              | NY      | 1/20/2010      |
| EPA 9065           | Total phenolics                               | NELAP              | NY      | 1/20/2010      |

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**Laboratory Status Summary****Organization****03530****(860) 645-1102****Phoenix Environmental Laboratories, Inc.****587 East Middle Turnpike****Manchester, CT 06040****Solid and Chemical Materials Certification**

| Method Code | Method Ref | Analyte                       | Status  | Date Effective | Type  | AA |
|-------------|------------|-------------------------------|---------|----------------|-------|----|
| 10136604    | EPA 3060A  | Alkaline digestion of Cr(VI)  | Applied | 1/20/2010      | NELAP | NY |
| 10173601    | EPA 8015B  | Diesel-range organics (DRO)   | Applied | 11/10/2009     | NELAP | NY |
| 10173601    | EPA 8015B  | Gasoline-range organics (GRO) | Applied | 11/10/2009     | NELAP | NY |
| 10185805    | EPA 8270C  | Benzo[k]fluoranthene          | Applied | 11/10/2009     | NELAP | NY |

**Non-Potable Water Certification**

| Method Code | Method Ref     | Analyte                      | Status  | Date Effective | Type  | AA |
|-------------|----------------|------------------------------|---------|----------------|-------|----|
| 10053200    | EPA 300.0      | Total nitrate-nitrite        | Applied | 11/10/2009     | NELAP | NY |
| 10080203    | EPA 420.4      | Total phenolics              | Applied | 9/26/2007      | NELAP | NY |
| 10107401    | EPA 625        | 3,3'-Dichlorobenzidine       | Applied | 11/10/2009     | NELAP | NY |
| 10107401    | EPA 625        | Benzidine                    | Applied | 9/26/2007      | NELAP | NY |
| 10107401    | EPA 625        | Diethyl phthalate            | Applied | 9/29/2008      | NELAP | NY |
| 10127409    | EPA 1664 Rev A | Non-polar material           | Applied | 11/10/2009     | NELAP | NY |
| 10153409    | EPA 5030B      | Aqueous-phase purge-and-trap | Applied | 1/20/2010      | NELAP | NY |
| 10185805    | EPA 8270C      | 2-Methylphenol (o-Cresol)    | Applied | 9/29/2008      | NELAP | NY |
| 10185805    | EPA 8270C      | 4-Nitrobiphenyl              | Applied | 11/10/2009     | NELAP | NY |
| 20002408    | SM 2130 B      | Turbidity                    | Applied | 9/26/2007      | NELAP | NY |
| 20020604    | SM 4500-Cl G   | Total residual chlorine      | Applied | 9/26/2007      | NELAP | NY |

**Laboratory Status Summary****Organization****03530****(860) 645-1102****Phoenix Environmental Laboratories, Inc.****587 East Middle Turnpike****Manchester, CT 06040****Solid and Chemical Materials Certification**

| Method Code | Method Ref | Analyte                             | Status    | Date Effective | Type  | AA |
|-------------|------------|-------------------------------------|-----------|----------------|-------|----|
| 10145809    | EPA 3620B  | Florisil cleanup                    | Withdrawn | 11/10/2009     | NELAP | NY |
| 10146802    | EPA 3630C  | Silica gel cleanup                  | Withdrawn | 11/10/2009     | NELAP | NY |
| 10148400    | EPA 3660B  | Sulfur cleanup                      | Withdrawn | 11/10/2009     | NELAP | NY |
| 10148808    | EPA 3665A  | Sulfuric acid/permanganate clean-up | Withdrawn | 11/10/2009     | NELAP | NY |
| 10184802    | EPA 8260B  | Acetonitrile                        | Withdrawn | 11/10/2009     | NELAP | NY |

**Non-Potable Water Certification**

| Method Code | Method Ref | Analyte                             | Status    | Date Effective | Type  | AA |
|-------------|------------|-------------------------------------|-----------|----------------|-------|----|
| 110         | SM 2540 E  | Residue, volatile                   | Withdrawn | 11/10/2009     | NELAP | NY |
| 10145809    | EPA 3620B  | Florisil cleanup                    | Withdrawn | 11/10/2009     | NELAP | NY |
| 10148400    | EPA 3660B  | Sulfur cleanup                      | Withdrawn | 11/10/2009     | NELAP | NY |
| 10148808    | EPA 3665A  | Sulfuric acid/permanganate clean-up | Withdrawn | 11/10/2009     | NELAP | NY |
| 10193007    | EPA 9010B  | Total cyanide                       | Withdrawn | 11/10/2009     | NELAP | NY |
| 10193803    | EPA 9014   | Total cyanide                       | Withdrawn | 11/10/2009     | NELAP | NY |
| 10195605    | EPA 9030B  | Sulfide distillation                | Withdrawn | 11/10/2009     | NELAP | NY |
| 10206607    | EPA 9215   | Sulfide                             | Withdrawn | 11/10/2009     | NELAP | NY |

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

*OFFICE OF FIELD OPERATIONS  
BUREAU OF LABORATORIES*



Certifies that

**68-03530**

**PHOENIX ENVIRONMENTAL LABORATORIES INC  
587 EAST MIDDLE TURNPIKE  
MANCHESTER, CT 06040**

Having duly met the requirement of  
The Act of June 29, 2002 (P.L. 596, No. 90)  
dealing with Environmental Laboratory Accreditation  
(27 Pa. C.S. §§4101-4113) and the  
National Environmental Laboratory Accreditation Conference Standard

is hereby approved as an

**Accredited Laboratory**

As more fully described in the attached Scope of Accreditation

Expiration Date: **11/30/2010**  
Certificate Number: **004**

Continued accreditation status depends on successful ongoing participation in the Program  
Certificate not transferable Surrender upon revocation  
To be conspicuously displayed at the Laboratory  
Not valid unless accompanied by a valid Scope of Accreditation  
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania  
Customers are urged to verify the laboratory's current accreditation status  
PA DEP is a NELAP recognized accreditation body

A handwritten signature in cursive script, reading "Aaren Alger".

Aaren S. Alger, Chief  
Laboratory Accreditation Program  
Bureau of Laboratories