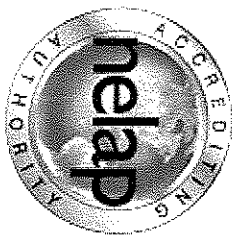




Texas Commission on Environmental Quality



NELAP-Recognized Laboratory Accreditation is hereby awarded to

PEL, A DIVISION OF SPECTRUM ANALYTICAL, FEATURING HANIBAL
TECHNOLOGY
8405 BENJAMIN ROAD, SUITE A
TAMPA, FL 33634-1235

in accordance with Texas Water Code Chapter 5, Subchapter R, Title 30 Texas Administrative Code Chapter 25, and the National Environmental Laboratory Accreditation Program.

The laboratory's scope of accreditation includes the fields of accreditation that accompany this certificate. Continued accreditation depends upon successful ongoing participation in the program. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Certificate Number: T104704408-09-TX
Effective Date: 07/01/2009
Expiration Date: 06/30/2010


Executive Director
Texas Commission on Environmental Quality



Texas Commission on Environmental Quality



NELAP - Recognized Laboratory Fields of Accreditation

PEL, a Division of Spectrum Analytical, Featuring Hanibal
Technology
8405 Benjamin Road, Suite A
Tampa, FL 33634-1235

Certificate T104704408-09-TX
Issue Date: 7/1/2009
Expiration Date: 6/30/2010

These fields of accreditation supercede all previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Matrix: Solid and Chemical Materials

Category / Method: EPA 1311

| Analytes: | Code | AA | Analytes: | Code | AA |
|-----------|------|----|-----------|------|----|
| TCLP | 849 | FL | | | |

Category / Method: EPA 1312

| Analytes: | Code | AA | Analytes: | Code | AA |
|-----------|------|----|-----------|------|----|
| SPLP | 850 | FL | | | |

Category / Method: EPA 6010

| Analytes: | Code | AA | Analytes: | Code | AA |
|------------|------|----|-----------|------|----|
| Aluminum | 1000 | FL | Antimony | 1005 | FL |
| Arsenic | 1010 | FL | Barium | 1015 | FL |
| Beryllium | 1020 | FL | Cadmium | 1030 | FL |
| Calcium | 1035 | FL | Chromium | 1040 | FL |
| Cobalt | 1050 | FL | Copper | 1055 | FL |
| Iron | 1070 | FL | Lead | 1075 | FL |
| Magnesium | 1085 | FL | Manganese | 1090 | FL |
| Molybdenum | 1100 | FL | Nickel | 1105 | FL |
| Potassium | 1125 | FL | Selenium | 1140 | FL |
| Silver | 1150 | FL | Sodium | 1155 | FL |
| Thallium | 1165 | FL | Tin | 1175 | FL |
| Vanadium | 1185 | FL | Zinc | 1190 | FL |

Category / Method: EPA 7470

| Analytes: | Code | AA | Analytes: | Code | AA |
|-----------|------|----|-----------|------|----|
| Mercury | 1095 | FL | | | |

Category / Method: EPA 7471

| Analytes: | Code | AA | Analytes: | Code | AA |
|-----------|------|----|-----------|------|----|
| Mercury | 1095 | FL | | | |

Category / Method: EPA 8015

| Analytes: | Code | AA | Analytes: | Code | AA |
|-----------------------------|------|----|-------------------------------|------|----|
| Diesel range organics (DRO) | 9369 | FL | Gasoline range organics (GRO) | 9408 | FL |



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Matrix: Solid and Chemical Materials

Category / Method: EPA 8081

| Analytes: | Code | AA | Analytes: | Code | AA |
|--|------|----|----------------------------------|------|----|
| 4 4'-DDD | 7355 | FL | 4 4'-DDE | 7360 | FL |
| 4 4'-DDT | 7365 | FL | Aldrin | 7025 | FL |
| alpha-BHC (alpha-Hexachlorocyclohexane) | 7110 | FL | alpha-Chlordane | 7240 | FL |
| beta-BHC (beta-Hexachlorocyclohexane) | 7115 | FL | Chlordane, Technical | 7250 | FL |
| delta-BHC | 7105 | FL | Dieldrin | 7470 | FL |
| Endosulfan I | 7510 | FL | Endosulfan II | 7515 | FL |
| Endosulfan sulfate | 7520 | FL | Endrin | 7540 | FL |
| Endrin aldehyde | 7530 | FL | Endrin ketone | 7535 | FL |
| gamma-BHC (Lindane gamma-Hexachlorocyclohexane) | 7120 | FL | gamma-Chlordane | 7245 | FL |
| Heptachlor | 7685 | FL | Heptachlor epoxide | 7690 | FL |
| Methoxychlor | 7810 | FL | Toxaphene (Chlorinated camphene) | 8250 | FL |

Category / Method: EPA 8082

| Analytes: | Code | AA | Analytes: | Code | AA |
|-------------------------|------|----|-------------------------|------|----|
| Aroclor-1016 (PCB-1016) | 8880 | FL | Aroclor-1221 (PCB-1221) | 8885 | FL |
| Aroclor-1232 (PCB-1232) | 8890 | FL | Aroclor-1242 (PCB-1242) | 8895 | FL |
| Aroclor-1248 (PCB-1248) | 8900 | FL | Aroclor-1254 (PCB-1254) | 8905 | FL |
| Aroclor-1260 (PCB-1260) | 8910 | FL | | | |



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Matrix: Solid and Chemical Materials

Category / Method: EPA 8141

| Analytes: | Code | AA | Analytes: | Code | AA |
|---------------------------------|------|----|---------------------------------------|------|----|
| Atrazine | 7065 | FL | Azinphos-ethyl (Ethyl guthion) | 7070 | FL |
| Azinphos-methyl (Guthion) | 7075 | FL | Bolstar (Sulprofos) | 7125 | FL |
| Chlorpyrifos | 7300 | FL | Coumaphos | 7315 | FL |
| Demeton-o | 7395 | FL | Demeton-s | 7385 | FL |
| Diazinon | 7410 | FL | Dichlorovos (DDVP Dichlorvos) | 8610 | FL |
| Dimethoate | 7475 | FL | Disulfoton | 8625 | FL |
| EPN | 7550 | FL | Ethion | 7565 | FL |
| Ethoprop | 7570 | FL | Famphur | 7580 | FL |
| Fensulfothion | 7600 | FL | Fenthion | 7605 | FL |
| Leptophos | 7755 | FL | Malathion | 7770 | FL |
| Merphos | 7785 | FL | Mevinphos | 7850 | FL |
| Naled | 7905 | FL | Parathion ethyl | 7955 | FL |
| Parathion methyl | 7825 | FL | Phorate | 7985 | FL |
| Phosphamidon | 8005 | FL | Ronnel | 8110 | FL |
| Simazine | 8125 | FL | Sulfotepp | 8155 | FL |
| Terbufos | 8185 | FL | Tetrachlorvinphos (Stirophos Gardona) | 8200 | FL |
| Tetraethyl pyrophosphate (TEPP) | 8210 | FL | Thionazin (Zinophos) | 8235 | FL |
| Tokuthion (Prothiophos) | 8245 | FL | Trichloronate | 8275 | FL |

Category / Method: EPA 8151

| Analytes: | Code | AA | Analytes: | Code | AA |
|--|------|----|----------------------------|------|----|
| 2 4 5-T | 8655 | FL | 2 4-D | 8545 | FL |
| 2 4-DB | 8560 | FL | Dalapon | 8555 | FL |
| Dicamba | 8595 | FL | Dichloroprop (Dichlorprop) | 8605 | FL |
| Dinoseb (2-sec-butyl-4 6-dinitrophenol DNBP) | 8620 | FL | MCPA | 7775 | FL |
| MCPP | 7780 | FL | Pentachlorophenol | 6605 | FL |
| Picloram | 8645 | FL | Silvex (2 4 5-TP) | 8650 | FL |



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Matrix: Solid and Chemical Materials

Category / Method: EPA 8260

| Analytes: | Code | AA | Analytes: | Code | AA |
|--|------|----|---|------|----|
| 1 1 1 2-Tetrachloroethane | 5105 | FL | 1 1 1-Trichloroethane | 5160 | FL |
| 1 1 2 2-Tetrachloroethane | 5110 | FL | 1 1 2-Trichloroethane | 5165 | FL |
| 1 1-Dichloroethane | 4630 | FL | 1 1-Dichloroethylene | 4640 | FL |
| 1 1-Dichloropropene | 4670 | FL | 1 2 3-Trichlorobenzene | 5150 | FL |
| 1 2 3-Trichloropropane | 5180 | FL | 1 2 4-Trichlorobenzene | 5155 | FL |
| 1 2 4-Trimethylbenzene | 5210 | FL | 1 2-Dibromo-3-chloropropane (DBCP) | 4570 | FL |
| 1 2-Dibromoethane (EDB Ethylene dibromide) | 4585 | FL | 1 2-Dichlorobenzene | 4610 | FL |
| 1 2-Dichloroethane | 4635 | FL | 1 2-Dichloropropane | 4655 | FL |
| 1 3 5-Trimethylbenzene | 5215 | FL | 1 3-Dichlorobenzene | 4615 | FL |
| 1 3-Dichloropropane | 4660 | FL | 1 4-Dichlorobenzene | 4620 | FL |
| 1 4-Dioxane (1 4- Diethyleneoxide) | 4735 | FL | 1-Chlorohexane | 4510 | FL |
| 2 2-Dichloropropane | 4665 | FL | 2-Butanone (Methyl ethyl ketone MEK) | 4410 | FL |
| 2-Chlorotoluene | 4535 | FL | 2-Hexanone | 4860 | FL |
| 4-Chlorotoluene | 4540 | FL | 4-Isopropyltoluene | 4915 | FL |
| 4-Methyl-2-pentanone (MIBK) | 4995 | FL | Acetone | 4315 | FL |
| Acetonitrile | 4320 | FL | Acrolein (Propenal) | 4325 | FL |
| Acrylonitrile | 4340 | FL | Allyl chloride (3-Chloropropene) | 4355 | FL |
| Benzene | 4375 | FL | Bromobenzene | 4385 | FL |
| Bromochloromethane | 4390 | FL | Bromodichloromethane | 4395 | FL |
| Bromoform | 4400 | FL | Bromomethane | 4950 | FL |
| Carbon disulfide | 4450 | FL | Carbon tetrachloride | 4455 | FL |
| Chlorobenzene | 4475 | FL | Chloroethane | 4485 | FL |
| Chloroform | 4505 | FL | Chloromethane | 4960 | FL |
| Chloroprene | 4525 | FL | cis-1 2-Dichloroethylene | 4645 | FL |
| cis-1 3-Dichloropropene | 4680 | FL | Dibromochloromethane | 4575 | FL |
| Dibromomethane | 4595 | FL | Dichlorodifluoromethane | 4625 | FL |
| Ethyl methacrylate | 4810 | FL | Ethylbenzene | 4765 | FL |
| Hexachlorobutadiene | 4835 | FL | Iodomethane (Methyl iodide) | 4870 | FL |
| Isobutyl alcohol (2-Methyl-1-propanol) | 4875 | FL | Isopropylbenzene (cumene) | 4900 | FL |
| Methacrylonitrile | 4925 | FL | Methyl methacrylate | 4990 | FL |
| Methyl tert-butyl ether (MTBE) | 5000 | FL | Methylene chloride | 4975 | FL |
| Naphthalene | 5005 | FL | n-Butylbenzene | 4435 | FL |
| n-Propylbenzene | 5090 | FL | Propionitrile (Ethyl cyanide) | 5080 | FL |
| sec-Butylbenzene | 4440 | FL | Styrene | 5100 | FL |
| tert-Butylbenzene | 4445 | FL | Tetrachloroethylene (Perchloroethylene) | 5115 | FL |



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Matrix: Solid and Chemical Materials

Category / Method: EPA 8260

| | | | | | |
|-------------------------------------|------|----|-----------------------------|------|----|
| Toluene | 5140 | FL | trans-1 2-Dichloroethylene | 4700 | FL |
| trans-1 3-Dichloropropylene | 4685 | FL | trans-1 4-Dichloro-2-butene | 4605 | FL |
| Trichloroethene (Trichloroethylene) | 5170 | FL | Trichlorofluoromethane | 5175 | FL |
| Vinyl acetate | 5225 | FL | Vinyl chloride | 5235 | FL |
| Xylene (total) | 5260 | FL | | | |



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Matrix: Solid and Chemical Materials

Category / Method: EPA 8270

| Analytes: | Code | AA | Analytes: | Code | AA |
|---------------------------------|------|----|------------------------------------|------|----|
| 1 2 4 5-Tetrachlorobenzene | 6715 | FL | 1 2 4-Trichlorobenzene | 5155 | FL |
| 1 2-Dichlorobenzene | 4610 | FL | 1 3 5-Trinitrobenzene (1 3 5-TNB) | 6885 | FL |
| 1 3-Dichlorobenzene | 4615 | FL | 1 3-Dinitrobenzene (1 3-DNB) | 6160 | FL |
| 1 4-Dichlorobenzene | 4620 | FL | 1 4-Naphthoquinone | 6420 | FL |
| 1 4-Phenylenediamine | 6630 | FL | 1-Naphthylamine | 6425 | FL |
| 2 3 4 6-Tetrachlorophenol | 6735 | FL | 2 4 5-Trichlorophenol | 6835 | FL |
| 2 4 6-Trichlorophenol | 6840 | FL | 2 4-Dichlorophenol | 6000 | FL |
| 2 4-Dimethylphenol | 6130 | FL | 2 4-Dinitrophenol | 6175 | FL |
| 2 4-Dinitrotoluene (2 4-DNT) | 6185 | FL | 2 6-Dichlorophenol | 6005 | FL |
| 2 6-Dinitrotoluene (2 6-DNT) | 6190 | FL | 2-Acetylaminofluorene | 5515 | FL |
| 2-Chloronaphthalene | 5795 | FL | 2-Chlorophenol | 5800 | FL |
| 2-Methyl-4 6-dinitrophenol | 6360 | FL | 2-Methylnaphthalene | 6385 | FL |
| 2-Methylphenol (o-Cresol) | 6400 | FL | 2-Naphthylamine | 6430 | FL |
| 2-Nitroaniline | 6460 | FL | 2-Nitrophenol | 6490 | FL |
| 2-Picoline (2-Methylpyridine) | 5050 | FL | 3 3'-Dichlorobenzidine | 5945 | FL |
| 3 3'-Dimethylbenzidine | 6120 | FL | 3-Methylcholanthrene | 6355 | FL |
| 3-Nitroaniline | 6465 | FL | 4-Aminobiphenyl | 5540 | FL |
| 4-Bromophenyl phenyl ether | 5660 | FL | 4-Chloro-3-methylphenol | 5700 | FL |
| 4-Chloroaniline | 5745 | FL | 4-Chlorophenyl phenyl ether | 5825 | FL |
| 4-Methylphenol (p-Cresol) | 6410 | FL | 4-Nitroaniline | 6470 | FL |
| 4-Nitrophenol | 6500 | FL | 5-Nitro-o-toluidine | 6570 | FL |
| 7 12-Dimethylbenz(a) anthracene | 6115 | FL | a-a-Dimethylphenethylamine | 6125 | FL |
| Acenaphthene | 5500 | FL | Acenaphthylene | 5505 | FL |
| Acetophenone | 5510 | FL | Aniline | 5545 | FL |
| Anthracene | 5555 | FL | Aramite | 5560 | FL |
| Benzdine | 5595 | FL | Benzo(a)anthracene | 5575 | FL |
| Benzo(a)pyrene | 5580 | FL | Benzo(b)fluoranthene | 5585 | FL |
| Benzo(g h i)perylene | 5590 | FL | Benzo(k)fluoranthene | 5600 | FL |
| Benzoic acid | 5610 | FL | Benzyl alcohol | 5630 | FL |
| bis(2-Chloroethoxy)methane | 5760 | FL | bis(2-Chloroethyl) ether | 5765 | FL |
| bis(2-Chloroisopropyl) ether | 5780 | FL | bis(2-Ethylhexyl) phthalate (DEHP) | 6255 | FL |
| Butyl benzyl phthalate | 5670 | FL | Carbazole | 5680 | FL |
| Chlorobenzilate | 7260 | FL | Chrysene | 5855 | FL |
| Diallate | 7405 | FL | Dibenz(a j) acridine | 5900 | FL |
| Dibenz(a h) anthracene | 5895 | FL | Dibenzofuran | 5905 | FL |



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Matrix: Solid and Chemical Materials

Category / Method: EPA 8270

| | | | | | |
|--|------|----|---------------------------|------|----|
| Diethyl phthalate | 6070 | FL | Dimethyl phthalate | 6135 | FL |
| Di-n-butyl phthalate | 5925 | FL | Di-n-octyl phthalate | 6200 | FL |
| Dinoseb (2-sec-butyl-4 6-dinitrophenol DNBP) | 8620 | FL | Ethyl methanesulfonate | 6260 | FL |
| Fluoranthene | 6265 | FL | Fluorene | 6270 | FL |
| Hexachlorobenzene | 6275 | FL | Hexachlorobutadiene | 4835 | FL |
| Hexachlorocyclopentadiene | 6285 | FL | Hexachloroethane | 4840 | FL |
| Hexachloropropene | 6295 | FL | Indeno(1,2,3-c,d)pyrene | 6315 | FL |
| Isodrin | 7725 | FL | Isophorone | 6320 | FL |
| Isosafrole | 6325 | FL | Kepone | 7740 | FL |
| Methapyrilene | 6345 | FL | Methyl methanesulfonate | 6375 | FL |
| Naphthalene | 5005 | FL | Nitrobenzene | 5015 | FL |
| Nitroquinoline-1-oxide | 6515 | FL | n-Nitrosodiethylamine | 6525 | FL |
| n-Nitrosodimethylamine | 6530 | FL | n-Nitroso-di-n-butylamine | 5025 | FL |
| n-Nitrosodi-n-propylamine | 6545 | FL | n-Nitrosodiphenylamine | 6535 | FL |
| n-Nitrosomethylethalamine | 6550 | FL | n-Nitrosomorpholine | 6555 | FL |
| n-Nitrosopiperidine | 6560 | FL | n-Nitrosopyrrolidine | 6565 | FL |
| o o o-Triethyl phosphorothioate | 8290 | FL | o-Toluidine | 5145 | FL |
| Pentachlorobenzene | 6590 | FL | Pentachloronitrobenzene | 6600 | FL |
| Pentachlorophenol | 6605 | FL | Phenacetin | 6610 | FL |
| Phenanthrene | 6615 | FL | Phenol | 6625 | FL |
| Pronamide (Kerb) | 6650 | FL | Pyrene | 6665 | FL |
| Pyridine | 5095 | FL | Safrole | 6685 | FL |

Category / Method: EPA 8310

| Analytes: | Code | AA | Analytes: | Code | AA |
|-------------------------|-------------|-----------|------------------------|-------------|-----------|
| Acenaphthene | 5500 | FL | Acenaphthylene | 5505 | FL |
| Anthracene | 5555 | FL | Benzo(a)anthracene | 5575 | FL |
| Benzo(a)pyrene | 5580 | FL | Benzo(b)fluoranthene | 5585 | FL |
| Benzo(g h i)perylene | 5590 | FL | Benzo(k)fluoranthene | 5600 | FL |
| Chrysene | 5855 | FL | Dibenz(a h) anthracene | 5895 | FL |
| Fluoranthene | 6265 | FL | Fluorene | 6270 | FL |
| Indeno(1,2,3-c,d)pyrene | 6315 | FL | Naphthalene | 5005 | FL |
| Phenanthrene | 6615 | FL | Pyrene | 6665 | FL |



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Matrix: Solid and Chemical Materials

Category / Method: EPA 8330

| Analytes: | Code | AA | Analytes: | Code | AA |
|---|------|----|--|------|----|
| 1 3 5-Trinitrobenzene (1 3 5-TNB) | 6885 | FL | 1 3-Dinitrobenzene (1 3-DNB) | 6160 | FL |
| 2 4 6-Trinitrotoluene (2 4 6-TNT) | 9651 | FL | 2 4-Dinitrotoluene (2 4-DNT) | 6185 | FL |
| 2 6-Dinitrotoluene (2 6-DNT) | 6190 | FL | 2-Amino-4 6-dinitrotoluene (2-am-dnt) | 9303 | FL |
| 2-Nitrotoluene | 9507 | FL | 3-Nitrotoluene | 9510 | FL |
| 4-Amino-2 6-dinitrotoluene (4-am-dnt) | 9306 | FL | 4-Nitrotoluene | 9513 | FL |
| Nitrobenzene | 5015 | FL | Octahydro-1 3 5 7-tetranitro-1 3 5 7-tetrazocine (HMX) | 9522 | FL |
| RDX (hexahydro-1 3 5-trinitro-1 3 5-triazine) | 9432 | FL | Tetryl (methyl-2 4 6-trinitrophenylnitramine) | 9633 | FL |

Category / Method: TCEQ 1005

| Analytes: | Code | AA | Analytes: | Code | AA |
|------------------------------------|------|----|-----------|------|----|
| Total Petroleum Hydrocarbons (TPH) | 2050 | FL | | | |

Matrix: Non-Potable Water

Category / Method: EPA 1664

| Analytes: | Code | AA | Analytes: | Code | AA |
|-------------------------------|-------|----|-----------|------|----|
| n-Hexane Extractable Material | 10219 | FL | | | |

Category / Method: EPA 300.1

| Analytes: | Code | AA | Analytes: | Code | AA |
|--------------|------|----|---------------------|------|----|
| Bromide | 1540 | FL | Chloride | 1575 | FL |
| Fluoride | 1730 | FL | Nitrate as N | 1810 | FL |
| Nitrite as N | 1840 | FL | Orthophosphate as P | 1870 | FL |
| Sulfate | 2000 | FL | | | |

Category / Method: EPA 314.0

| Analytes: | Code | AA | Analytes: | Code | AA |
|-------------|------|----|-----------|------|----|
| Perchlorate | 1895 | FL | | | |

Category / Method: EPA 354.1

| Analytes: | Code | AA | Analytes: | Code | AA |
|--------------|------|----|-----------|------|----|
| Nitrite as N | 1840 | FL | | | |



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Matrix: Non-Potable Water

Category / Method: EPA 6010

| Analytes: | Code | AA | Analytes: | Code | AA |
|------------|------|----|-----------|------|----|
| Aluminum | 1000 | FL | Antimony | 1005 | FL |
| Arsenic | 1010 | FL | Barium | 1015 | FL |
| Beryllium | 1020 | FL | Cadmium | 1030 | FL |
| Calcium | 1035 | FL | Chromium | 1040 | FL |
| Cobalt | 1050 | FL | Copper | 1055 | FL |
| Iron | 1070 | FL | Lead | 1075 | FL |
| Magnesium | 1085 | FL | Manganese | 1090 | FL |
| Molybdenum | 1100 | FL | Nickel | 1105 | FL |
| Potassium | 1125 | FL | Selenium | 1140 | FL |
| Silver | 1150 | FL | Sodium | 1155 | FL |
| Thallium | 1165 | FL | Tin | 1175 | FL |
| Vanadium | 1185 | FL | Zinc | 1190 | FL |

Category / Method: EPA 7470

| Analytes: | Code | AA | Analytes: | Code | AA |
|-----------|------|----|-----------|------|----|
| Mercury | 1095 | FL | | | |

Category / Method: EPA 8015

| Analytes: | Code | AA | Analytes: | Code | AA |
|-----------------------------|------|----|-------------------------------|------|----|
| Diesel range organics (DRO) | 9369 | FL | Gasoline range organics (GRO) | 9408 | FL |

Category / Method: EPA 8081

| Analytes: | Code | AA | Analytes: | Code | AA |
|---|------|----|----------------------------------|------|----|
| 4,4'-DDD | 7355 | FL | 4,4'-DDE | 7360 | FL |
| 4,4'-DDT | 7365 | FL | Aldrin | 7025 | FL |
| alpha-BHC (alpha-Hexachlorocyclohexane) | 7110 | FL | alpha-Chlordane | 7240 | FL |
| beta-BHC (beta-Hexachlorocyclohexane) | 7115 | FL | Chlordane, Technical | 7250 | FL |
| delta-BHC | 7105 | FL | Dieldrin | 7470 | FL |
| Endosulfan I | 7510 | FL | Endosulfan II | 7515 | FL |
| Endosulfan sulfate | 7520 | FL | Endrin | 7540 | FL |
| Endrin aldehyde | 7530 | FL | Endrin ketone | 7535 | FL |
| gamma-BHC (Lindane) | 7120 | FL | gamma-Chlordane | 7245 | FL |
| gamma-Hexachlorocyclohexane) | | | | | |
| Heptachlor | 7685 | FL | Heptachlor epoxide | 7690 | FL |
| Methoxychlor | 7810 | FL | Toxaphene (Chlorinated camphene) | 8250 | FL |



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Technology**
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Tampa, FL 33634-1235

Certificate T104704408-09-TX
Issue Date: 7/1/2009
Expiration Date: 6/30/2010

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Matrix: Non-Potable Water

Category / Method: EPA 8082

| Analytes: | Code | AA | Analytes: | Code | AA |
|-------------------------|------|----|-------------------------|------|----|
| Aroclor-1016 (PCB-1016) | 8880 | FL | Aroclor-1221 (PCB-1221) | 8885 | FL |
| Aroclor-1232 (PCB-1232) | 8890 | FL | Aroclor-1242 (PCB-1242) | 8895 | FL |
| Aroclor-1248 (PCB-1248) | 8900 | FL | Aroclor-1254 (PCB-1254) | 8905 | FL |
| Aroclor-1260 (PCB-1260) | 8910 | FL | | | |

Category / Method: EPA 8141

| Analytes: | Code | AA | Analytes: | Code | AA |
|---------------------------------|------|----|---------------------------------------|------|----|
| Atrazine | 7065 | FL | Azinphos-ethyl (Ethyl guthion) | 7070 | FL |
| Azinphos-methyl (Guthion) | 7075 | FL | Bolstar (Sulprofos) | 7125 | FL |
| Chlorpyrifos | 7300 | FL | Coumaphos | 7315 | FL |
| Demeton-o | 7395 | FL | Demeton-s | 7385 | FL |
| Diazinon | 7410 | FL | Dichlorovos (DDVP Dichlorvos) | 8610 | FL |
| Dimethoate | 7475 | FL | Disulfoton | 8625 | FL |
| EPN | 7550 | FL | Ethion | 7565 | FL |
| Ethoprop | 7570 | FL | Famphur | 7580 | FL |
| Fensulfothion | 7600 | FL | Fenthion | 7605 | FL |
| Leptophos | 7755 | FL | Malathion | 7770 | FL |
| Merphos | 7785 | FL | Mevinphos | 7850 | FL |
| Naled | 7905 | FL | Parathion ethyl | 7955 | FL |
| Parathion methyl | 7825 | FL | Phorate | 7985 | FL |
| Phosphamidon | 8005 | FL | Ronnel | 8110 | FL |
| Simazine | 8125 | FL | Sulfotepp | 8155 | FL |
| Terbufos | 8185 | FL | Tetrachlorvinphos (Stirophos Gardona) | 8200 | FL |
| Tetraethyl pyrophosphate (TEPP) | 8210 | FL | Thionazin (Zinophos) | 8235 | FL |
| Tokuthion (Prothiophos) | 8245 | FL | Trichloronate | 8275 | FL |

Category / Method: EPA 8151

| Analytes: | Code | AA | Analytes: | Code | AA |
|--|------|----|----------------------------|------|----|
| 2 4 5-T | 8655 | FL | 2 4-D | 8545 | FL |
| 2 4-DB | 8560 | FL | Dalapon | 8555 | FL |
| Dicamba | 8595 | FL | Dichloroprop (Dichlorprop) | 8605 | FL |
| Dinoseb (2-sec-butyl-4 6-dinitrophenol DNBP) | 8620 | FL | MCPA | 7775 | FL |
| MCPP | 7780 | FL | Pentachlorophenol | 6605 | FL |
| Picloram | 8645 | FL | Silvex (2 4 5-TP) | 8650 | FL |



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Matrix: Non-Potable Water

Category / Method: EPA 8260

| Analytes: | Code | AA | Analytes: | Code | AA |
|--|------|----|---|------|----|
| 1 1 1 2-Tetrachloroethane | 5105 | FL | 1 1 1-Trichloroethane | 5160 | FL |
| 1 1 2 2-Tetrachloroethane | 5110 | FL | 1 1 2-Trichloroethane | 5165 | FL |
| 1 1-Dichloroethane | 4630 | FL | 1 1-Dichloroethylene | 4640 | FL |
| 1 1-Dichloropropene | 4670 | FL | 1 2 3-Trichlorobenzene | 5150 | FL |
| 1 2 3-Trichloropropane | 5180 | FL | 1 2 4-Trichlorobenzene | 5155 | FL |
| 1 2 4-Trimethylbenzene | 5210 | FL | 1 2-Dibromo-3-chloropropane (DBCP) | 4570 | FL |
| 1 2-Dibromoethane (EDB Ethylene dibromide) | 4585 | FL | 1 2-Dichlorobenzene | 4610 | FL |
| 1 2-Dichloroethane | 4635 | FL | 1 2-Dichloropropane | 4655 | FL |
| 1 3 5-Trimethylbenzene | 5215 | FL | 1 3-Dichlorobenzene | 4615 | FL |
| 1 3-Dichloropropane | 4660 | FL | 1 4-Dichlorobenzene | 4620 | FL |
| 1 4-Dioxane (1 4- Diethyleneoxide) | 4735 | FL | 1-Chlorohexane | 4510 | FL |
| 2 2-Dichloropropane | 4665 | FL | 2-Butanone (Methyl ethyl ketone MEK) | 4410 | FL |
| 2-Chlorotoluene | 4535 | FL | 2-Hexanone | 4860 | FL |
| 4-Chlorotoluene | 4540 | FL | 4-Isopropyltoluene | 4915 | FL |
| 4-Methyl-2-pentanone (MIBK) | 4995 | FL | Acetone | 4315 | FL |
| Acetonitrile | 4320 | FL | Acrolein (Propenal) | 4325 | FL |
| Acrylonitrile | 4340 | FL | Allyl chloride (3-Chloropropene) | 4355 | FL |
| Benzene | 4375 | FL | Bromobenzene | 4385 | FL |
| Bromochloromethane | 4390 | FL | Bromodichloromethane | 4395 | FL |
| Bromoform | 4400 | FL | Bromomethane | 4950 | FL |
| Carbon disulfide | 4450 | FL | Carbon tetrachloride | 4455 | FL |
| Chlorobenzene | 4475 | FL | Chloroethane | 4485 | FL |
| Chloroform | 4505 | FL | Chloromethane | 4960 | FL |
| Chloroprene | 4525 | FL | cis-1 2-Dichloroethylene | 4645 | FL |
| cis-1 3-Dichloropropene | 4680 | FL | Dibromochloromethane | 4575 | FL |
| Dibromomethane | 4595 | FL | Dichlorodifluoromethane | 4625 | FL |
| Ethyl methacrylate | 4810 | FL | Ethylbenzene | 4765 | FL |
| Hexachlorobutadiene | 4835 | FL | Iodomethane (Methyl iodide) | 4870 | FL |
| Isobutyl alcohol (2-Methyl-1-propanol) | 4875 | FL | Isopropylbenzene (cumene) | 4900 | FL |
| Methacrylonitrile | 4925 | FL | Methyl methacrylate | 4990 | FL |
| Methyl tert-butyl ether (MTBE) | 5000 | FL | Methylene chloride | 4975 | FL |
| Naphthalene | 5005 | FL | n-Butylbenzene | 4435 | FL |
| n-Propylbenzene | 5090 | FL | Propionitrile (Ethyl cyanide) | 5080 | FL |
| sec-Butylbenzene | 4440 | FL | Styrene | 5100 | FL |
| tert-Butylbenzene | 4445 | FL | Tetrachloroethylene (Perchloroethylene) | 5115 | FL |



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Matrix: Non-Potable Water

Category / Method: EPA 8260

| | | | | | |
|-------------------------------------|------|----|-----------------------------|------|----|
| Toluene | 5140 | FL | trans-1 2-Dichloroethylene | 4700 | FL |
| trans-1 3-Dichloropropylene | 4685 | FL | trans-1 4-Dichloro-2-butene | 4605 | FL |
| Trichloroethene (Trichloroethylene) | 5170 | FL | Trichlorofluoromethane | 5175 | FL |
| Vinyl acetate | 5225 | FL | Vinyl chloride | 5235 | FL |
| Xylene (total) | 5260 | FL | | | |



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Matrix: Non-Potable Water

Category / Method: EPA 8270

| Analytes: | Code | AA | Analytes: | Code | AA |
|------------------------------------|-------|----|-----------------------------------|------|----|
| 1 2 4 5-Tetrachlorobenzene | 6715 | FL | 1 2 4-Trichlorobenzene | 5155 | FL |
| 1 2-Dichlorobenzene | 4610 | FL | 1 3 5-Trinitrobenzene (1 3 5-TNB) | 6885 | FL |
| 1 3-Dichlorobenzene | 4615 | FL | 1 3-Dinitrobenzene (1 3-DNB) | 6160 | FL |
| 1 4-Dichlorobenzene | 4620 | FL | 1 4-Naphthoquinone | 6420 | FL |
| 1 4-Phenylenediamine | 6630 | FL | 1-Naphthylamine | 6425 | FL |
| 2 3 4 6-Tetrachlorophenol | 6735 | FL | 2 4 5-Trichlorophenol | 6835 | FL |
| 2 4 6-Trichlorophenol | 6840 | FL | 2 4-Dichlorophenol | 6000 | FL |
| 2 4-Dimethylphenol | 6130 | FL | 2 4-Dinitrophenol | 6175 | FL |
| 2 4-Dinitrotoluene (2 4-DNT) | 6185 | FL | 2 6-Dichlorophenol | 6005 | FL |
| 2 6-Dinitrotoluene (2 6-DNT) | 6190 | FL | 2-Acetylaminofluorene | 5515 | FL |
| 2-Chloronaphthalene | 5795 | FL | 2-Chlorophenol | 5800 | FL |
| 2-Methyl-4 6-dinitrophenol | 6360 | FL | 2-Methylnaphthalene | 6385 | FL |
| 2-Methylphenol (o-Cresol) | 6400 | FL | 2-Naphthylamine | 6430 | FL |
| 2-Nitroaniline | 6460 | FL | 2-Nitrophenol | 6490 | FL |
| 2-Picoline (2-Methylpyridine) | 5050 | FL | 3 3'-Dichlorobenzidine | 5945 | FL |
| 3 3'-Dimethylbenzidine | 6120 | FL | 3-Methylcholanthrene | 6355 | FL |
| 3-Nitroaniline | 6465 | FL | 4-Aminobiphenyl | 5540 | FL |
| 4-Bromophenyl phenyl ether | 5660 | FL | 4-Chloro-3-methylphenol | 5700 | FL |
| 4-Chloroaniline | 5745 | FL | 4-Chlorophenyl phenyl ether | 5825 | FL |
| 4-Dimethylaminoazobenzene | 10068 | FL | 4-Methylphenol (p-Cresol) | 6410 | FL |
| 4-Nitroaniline | 6470 | FL | 4-Nitrophenol | 6500 | FL |
| 5-Nitro-o-toluidine | 6570 | FL | 7 12-Dimethylbenz(a) anthracene | 6115 | FL |
| a-a-Dimethylphenethylamine | 6125 | FL | Acenaphthene | 5500 | FL |
| Acenaphthylene | 5505 | FL | Acetophenone | 5510 | FL |
| Aniline | 5545 | FL | Anthracene | 5555 | FL |
| Aramite | 5560 | FL | Benzidine | 5595 | FL |
| Benzo(a)anthracene | 5575 | FL | Benzo(a)pyrene | 5580 | FL |
| Benzo(b)fluoranthene | 5585 | FL | Benzo(g h i)perylene | 5590 | FL |
| Benzo(k)fluoranthene | 5600 | FL | Benzoic acid | 5610 | FL |
| Benzyl alcohol | 5630 | FL | bis(2-Chloroethoxy)methane | 5760 | FL |
| bis(2-Chloroethyl) ether | 5765 | FL | bis(2-Chloroisopropyl) ether | 5780 | FL |
| bis(2-Ethylhexyl) phthalate (DEHP) | 6255 | FL | Butyl benzyl phthalate | 5670 | FL |
| Carbazole | 5680 | FL | Chlorobenzilate | 7260 | FL |
| Chrysene | 5855 | FL | Diallate | 7405 | FL |
| Dibenz(a j) acridine | 5900 | FL | Dibenz(a h) anthracene | 5895 | FL |



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Matrix: Non-Potable Water

Category / Method: EPA 8270

| | | | | | |
|---------------------------|------|----|--|------|----|
| Dibenzofuran | 5905 | FL | Diethyl phthalate | 6070 | FL |
| Dimethyl phthalate | 6135 | FL | Di-n-butyl phthalate | 5925 | FL |
| Di-n-octyl phthalate | 6200 | FL | Dinoseb (2-sec-butyl-4 6-dinitrophenol DNBP) | 8620 | FL |
| Ethyl methanesulfonate | 6260 | FL | Fluoranthene | 6265 | FL |
| Fluorene | 6270 | FL | Hexachlorobenzene | 6275 | FL |
| Hexachlorobutadiene | 4835 | FL | Hexachlorocyclopentadiene | 6285 | FL |
| Hexachloroethane | 4840 | FL | Hexachloropropene | 6295 | FL |
| Indeno(1,2,3-c,d)pyrene | 6315 | FL | Isodrin | 7725 | FL |
| Isophorone | 6320 | FL | Isosafrole | 6325 | FL |
| Kepone | 7740 | FL | Methapyrilene | 6345 | FL |
| Methyl methanesulfonate | 6375 | FL | Naphthalene | 5005 | FL |
| Nitrobenzene | 5015 | FL | Nitroquinoline-1-oxide | 6515 | FL |
| n-Nitrosodiethylamine | 6525 | FL | n-Nitrosodimethylamine | 6530 | FL |
| n-Nitroso-di-n-butylamine | 5025 | FL | n-Nitrosodi-n-propylamine | 6545 | FL |
| n-Nitrosodiphenylamine | 6535 | FL | n-Nitrosomethylethalamine | 6550 | FL |
| n-Nitrosomorpholine | 6555 | FL | n-Nitrosopiperidine | 6560 | FL |
| n-Nitrosopyrrolidine | 6565 | FL | o o o-Triethyl phosphorothioate | 8290 | FL |
| o-Toluidine | 5145 | FL | Pentachlorobenzene | 6590 | FL |
| Pentachloronitrobenzene | 6600 | FL | Pentachlorophenol | 6605 | FL |
| Phenacetin | 6610 | FL | Phenanthrene | 6615 | FL |
| Phenol | 6625 | FL | Pyrene | 6665 | FL |
| Pyridine | 5095 | FL | Safrole | 6685 | FL |

Category / Method: EPA 8310

| Analytes: | Code | AA | Analytes: | Code | AA |
|-------------------------|------|----|------------------------|------|----|
| Acenaphthene | 5500 | FL | Acenaphthylene | 5505 | FL |
| Anthracene | 5555 | FL | Benzo(a)anthracene | 5575 | FL |
| Benzo(a)pyrene | 5580 | FL | Benzo(b)fluoranthene | 5585 | FL |
| Benzo(g h i)perylene | 5590 | FL | Benzo(k)fluoranthene | 5600 | FL |
| Chrysene | 5855 | FL | Dibenz(a h) anthracene | 5895 | FL |
| Fluoranthene | 6265 | FL | Fluorene | 6270 | FL |
| Indeno(1,2,3-c,d)pyrene | 6315 | FL | Naphthalene | 5005 | FL |
| Phenanthrene | 6615 | FL | Pyrene | 6665 | FL |



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Matrix: Non-Potable Water

Category / Method: EPA 8330

| Analytes: | Code | AA | Analytes: | Code | AA |
|---|------|----|--|------|----|
| 1 3 5-Trinitrobenzene (1 3 5-TNB) | 6885 | FL | 1 3-Dinitrobenzene (1 3-DNB) | 6160 | FL |
| 2 4 6-Trinitrotoluene (2 4 6-TNT) | 9651 | FL | 2 4-Dinitrotoluene (2 4-DNT) | 6185 | FL |
| 2 6-Dinitrotoluene (2 6-DNT) | 6190 | FL | 2-Amino-4 6-dinitrotoluene (2-am-dnt) | 9303 | FL |
| 2-Nitrotoluene | 9507 | FL | 3-Nitrotoluene | 9510 | FL |
| 4-Amino-2 6-dinitrotoluene (4-am-dnt) | 9306 | FL | 4-Nitrotoluene | 9513 | FL |
| Nitrobenzene | 5015 | FL | Octahydro-1 3 5 7-tetranitro-1 3 5 7-tetrazocine (HMX) | 9522 | FL |
| RDX (hexahydro-1 3 5-trinitro-1 3 5-triazine) | 9432 | FL | Tetryl (methyl-2 4 6-trinitrophenylnitramine) | 9633 | FL |