



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**Columbia Analytical Services Inc
9143 Philips Hwy Ste 200
Jacksonville, Florida 32256**

Agency Interest No. 169805

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Lourdes Iturralde, Administrator
Notifications and Accreditations Section
Public Participation & Permit Support Services Division

Certificate Number: 02086

**Expiration Date: June 30, 2012
Issued On: July 1, 2011**



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 DEPARTMENT OF ENVIRONMENTAL QUALITY
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9143 Philips Hwy Ste 200, Jacksonville, Florida 32256

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Air Emissions

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
4410 - 2-Butanone (Methyl ethyl ketone, MEK)	NCASI DI/HAPS-99.01	893	NELAP	FL
4300 - Acetaldehyde	NCASI DI/HAPS-99.01	893	NELAP	FL
4930 - Methanol	NCASI DI/HAPS-99.01	893	NELAP	FL
3965 - Propionaldehyde (Propanal)	NCASI DI/HAPS-99.01	893	NELAP	FL
4930 - Methanol	NCASI DI/MeOH 94.03	895	NELAP	FL
1605 - Color	EPA 110.2	10005604	NELAP	FL
1610 - Conductivity	EPA 120.1	10006209	NELAP	FL
1900 - pH	EPA 150.1	10008205	NELAP	FL
1955 - Residue-filterable (TDS)	EPA 160.1	10009208	NELAP	FL
1960 - Residue-nonfilterable (TSS)	EPA 160.2	10009402	NELAP	FL
1950 - Residue-total	EPA 160.3	10009800	NELAP	FL
1970 - Residue-volatile	EPA 160.4	10010205	NELAP	FL
2070 - Volatile suspended solids	EPA 160.4	10010205	NELAP	FL
1965 - Residue-settleable	EPA 160.5	10010603	NELAP	FL
2055 - Turbidity	EPA 180.1	10011402	NELAP	FL
1000 - Aluminum	EPA 200.7	10013408	NELAP	FL
1015 - Barium	EPA 200.7	10013408	NELAP	FL
1020 - Beryllium	EPA 200.7	10013408	NELAP	FL
1025 - Boron	EPA 200.7	10013408	NELAP	FL
1030 - Cadmium	EPA 200.7	10013408	NELAP	FL
1035 - Calcium	EPA 200.7	10013408	NELAP	FL
1040 - Chromium	EPA 200.7	10013408	NELAP	FL
1050 - Cobalt	EPA 200.7	10013408	NELAP	FL
1055 - Copper	EPA 200.7	10013408	NELAP	FL
1070 - Iron	EPA 200.7	10013408	NELAP	FL
1085 - Magnesium	EPA 200.7	10013408	NELAP	FL
1090 - Manganese	EPA 200.7	10013408	NELAP	FL
1100 - Molybdenum	EPA 200.7	10013408	NELAP	FL
1105 - Nickel	EPA 200.7	10013408	NELAP	FL
1125 - Potassium	EPA 200.7	10013408	NELAP	FL
1140 - Selenium	EPA 200.7	10013408	NELAP	FL
1150 - Silver	EPA 200.7	10013408	NELAP	FL
1155 - Sodium	EPA 200.7	10013408	NELAP	FL
1165 - Thallium	EPA 200.7	10013408	NELAP	FL
1175 - Tin	EPA 200.7	10013408	NELAP	FL
1185 - Vanadium	EPA 200.7	10013408	NELAP	FL
1190 - Zinc	EPA 200.7	10013408	NELAP	FL
1000 - Aluminum	EPA 200.8	10014401	NELAP	FL
1005 - Antimony	EPA 200.8	10014401	NELAP	FL
1010 - Arsenic	EPA 200.8	10014401	NELAP	FL
1015 - Barium	EPA 200.8	10014401	NELAP	FL
1020 - Beryllium	EPA 200.8	10014401	NELAP	FL

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Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1030 - Cadmium	EPA 200.8	10014401	NELAP	FL
1040 - Chromium	EPA 200.8	10014401	NELAP	FL
1055 - Copper	EPA 200.8	10014401	NELAP	FL
1075 - Lead	EPA 200.8	10014401	NELAP	FL
1090 - Manganese	EPA 200.8	10014401	NELAP	FL
1100 - Molybdenum	EPA 200.8	10014401	NELAP	FL
1105 - Nickel	EPA 200.8	10014401	NELAP	FL
1140 - Selenium	EPA 200.8	10014401	NELAP	FL
1150 - Silver	EPA 200.8	10014401	NELAP	FL
1165 - Thallium	EPA 200.8	10014401	NELAP	FL
1185 - Vanadium	EPA 200.8	10014401	NELAP	FL
1190 - Zinc	EPA 200.8	10014401	NELAP	FL
1095 - Mercury	EPA 245.1	10036201	NELAP	FL
1540 - Bromide	EPA 300.0	10053006	NELAP	FL
1575 - Chloride	EPA 300.0	10053006	NELAP	FL
1730 - Fluoride	EPA 300.0	10053006	NELAP	FL
1805 - Nitrate	EPA 300.0	10053006	NELAP	FL
1835 - Nitrite	EPA 300.0	10053006	NELAP	FL
1870 - Orthophosphate as P	EPA 300.0	10053006	NELAP	FL
1155 - Sodium	EPA 300.0	10053006	NELAP	FL
1645 - Total Cyanide	EPA 335.4	10061208	NELAP	FL
1515 - Ammonia as N	EPA 350.1	10063204	NELAP	FL
1795 - Kjeldahl nitrogen - total	EPA 351.2	10065006	NELAP	FL
1805 - Nitrate	EPA 353.2	10067206	NELAP	FL
1820 - Nitrate-Nitrite	EPA 353.2	10067206	NELAP	FL
1835 - Nitrite	EPA 353.2	10067206	NELAP	FL
1870 - Orthophosphate as P	EPA 365.1	10069600	NELAP	FL
1910 - Total Phosphorus	EPA 365.1	10069600	NELAP	FL
1565 - Chemical oxygen demand	EPA 410.4	10077006	NELAP	FL
7355 - 4,4'-DDD	EPA 608	10103603	NELAP	FL
7360 - 4,4'-DDE	EPA 608	10103603	NELAP	FL
7365 - 4,4'-DDT	EPA 608	10103603	NELAP	FL
7025 - Aldrin	EPA 608	10103603	NELAP	FL
8880 - Aroclor-1016 (PCB-1016)	EPA 608	10103603	NELAP	FL
8885 - Aroclor-1221 (PCB-1221)	EPA 608	10103603	NELAP	FL
8890 - Aroclor-1232 (PCB-1232)	EPA 608	10103603	NELAP	FL
8895 - Aroclor-1242 (PCB-1242)	EPA 608	10103603	NELAP	FL
8900 - Aroclor-1248 (PCB-1248)	EPA 608	10103603	NELAP	FL
8905 - Aroclor-1254 (PCB-1254)	EPA 608	10103603	NELAP	FL
8910 - Aroclor-1260 (PCB-1260)	EPA 608	10103603	NELAP	FL
7250 - Chlordane (tech.)	EPA 608	10103603	NELAP	FL
7470 - Dieldrin	EPA 608	10103603	NELAP	FL
7510 - Endosulfan I	EPA 608	10103603	NELAP	FL
7515 - Endosulfan II	EPA 608	10103603	NELAP	FL
7520 - Endosulfan sulfate	EPA 608	10103603	NELAP	FL
7540 - Endrin	EPA 608	10103603	NELAP	FL
7530 - Endrin aldehyde	EPA 608	10103603	NELAP	FL
7685 - Heptachlor	EPA 608	10103603	NELAP	FL
7690 - Heptachlor epoxide	EPA 608	10103603	NELAP	FL
8250 - Toxaphene (Chlorinated camphene)	EPA 608	10103603	NELAP	FL
7110 - alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608	10103603	NELAP	FL
7115 - beta-BHC (beta-Hexachlorocyclohexane)	EPA 608	10103603	NELAP	FL
7105 - delta-BHC	EPA 608	10103603	NELAP	FL
7120 - gamma-BHC (Lindane, gamma-	EPA 608	10103603	NELAP	FL

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Non Potable Water

Analyte	Method Name	Method Code	Type	AB
HexachlorocyclohexanE)				
5160 - 1,1,1-Trichloroethane	EPA 624	10107207	NELAP	FL
5110 - 1,1,2,2-Tetrachloroethane	EPA 624	10107207	NELAP	FL
5165 - 1,1,2-Trichloroethane	EPA 624	10107207	NELAP	FL
4630 - 1,1-Dichloroethane	EPA 624	10107207	NELAP	FL
4640 - 1,1-Dichloroethylene	EPA 624	10107207	NELAP	FL
4610 - 1,2-Dichlorobenzene	EPA 624	10107207	NELAP	FL
4635 - 1,2-Dichloroethane (Ethylene dichloride)	EPA 624	10107207	NELAP	FL
4655 - 1,2-Dichloropropane	EPA 624	10107207	NELAP	FL
4615 - 1,3-Dichlorobenzene	EPA 624	10107207	NELAP	FL
4620 - 1,4-Dichlorobenzene	EPA 624	10107207	NELAP	FL
4500 - 2-Chloroethyl vinyl ether	EPA 624	10107207	NELAP	FL
4375 - Benzene	EPA 624	10107207	NELAP	FL
4395 - Bromodichloromethane	EPA 624	10107207	NELAP	FL
4400 - Bromoform	EPA 624	10107207	NELAP	FL
4455 - Carbon tetrachloride	EPA 624	10107207	NELAP	FL
4475 - Chlorobenzene	EPA 624	10107207	NELAP	FL
4485 - Chloroethane (Ethyl chloride)	EPA 624	10107207	NELAP	FL
4505 - Chloroform	EPA 624	10107207	NELAP	FL
4765 - Ethylbenzene	EPA 624	10107207	NELAP	FL
4950 - Methyl bromide (Bromomethane)	EPA 624	10107207	NELAP	FL
4960 - Methyl chloride (Chloromethane)	EPA 624	10107207	NELAP	FL
4975 - Methylene chloride (Dichloromethane)	EPA 624	10107207	NELAP	FL
5115 - Tetrachloroethylene (Perchloroethylene)	EPA 624	10107207	NELAP	FL
5140 - Toluene	EPA 624	10107207	NELAP	FL
5170 - Trichloroethene (Trichloroethylene)	EPA 624	10107207	NELAP	FL
5175 - Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 624	10107207	NELAP	FL
5235 - Vinyl chloride	EPA 624	10107207	NELAP	FL
4680 - cis-1,3-Dichloropropene	EPA 624	10107207	NELAP	FL
4700 - trans-1,2-Dichloroethylene	EPA 624	10107207	NELAP	FL
4685 - trans-1,3-Dichloropropylene	EPA 624	10107207	NELAP	FL
5155 - 1,2,4-Trichlorobenzene	EPA 625	10107401	NELAP	FL
4610 - 1,2-Dichlorobenzene	EPA 625	10107401	NELAP	FL
4615 - 1,3-Dichlorobenzene	EPA 625	10107401	NELAP	FL
4620 - 1,4-Dichlorobenzene	EPA 625	10107401	NELAP	FL
6840 - 2,4,6-Trichlorophenol	EPA 625	10107401	NELAP	FL
6000 - 2,4-Dichlorophenol	EPA 625	10107401	NELAP	FL
6130 - 2,4-Dimethylphenol	EPA 625	10107401	NELAP	FL
6175 - 2,4-Dinitrophenol	EPA 625	10107401	NELAP	FL
6185 - 2,4-Dinitrotoluene (2,4-DNT)	EPA 625	10107401	NELAP	FL
6190 - 2,6-Dinitrotoluene (2,6-DNT)	EPA 625	10107401	NELAP	FL
5795 - 2-Chloronaphthalene	EPA 625	10107401	NELAP	FL
5800 - 2-Chlorophenol	EPA 625	10107401	NELAP	FL
6360 - 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 625	10107401	NELAP	FL
6490 - 2-Nitrophenol	EPA 625	10107401	NELAP	FL
5945 - 3,3'-Dichlorobenzidine	EPA 625	10107401	NELAP	FL
5660 - 4-Bromophenyl phenyl ether	EPA 625	10107401	NELAP	FL
5700 - 4-Chloro-3-methylphenol	EPA 625	10107401	NELAP	FL
5825 - 4-Chlorophenyl phenylether	EPA 625	10107401	NELAP	FL
6500 - 4-Nitrophenol	EPA 625	10107401	NELAP	FL
5500 - Acenaphthene	EPA 625	10107401	NELAP	FL

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Analyte	Method Name	Method Code	Type	AB
5505 - Acenaphthylene	EPA 625	10107401	NELAP	FL
5555 - Anthracene	EPA 625	10107401	NELAP	FL
5595 - Benzidine	EPA 625	10107401	NELAP	FL
5575 - Benzo(a)anthracene	EPA 625	10107401	NELAP	FL
5580 - Benzo(a)pyrene	EPA 625	10107401	NELAP	FL
5585 - Benzo(b)fluoranthene	EPA 625	10107401	NELAP	FL
5590 - Benzo(g,h,i)perylene	EPA 625	10107401	NELAP	FL
5600 - Benzo(k)fluoranthene	EPA 625	10107401	NELAP	FL
5670 - Butyl benzyl phthalate	EPA 625	10107401	NELAP	FL
5855 - Chrysene	EPA 625	10107401	NELAP	FL
5925 - Di-n-butyl phthalate	EPA 625	10107401	NELAP	FL
6200 - Di-n-octyl phthalate	EPA 625	10107401	NELAP	FL
5895 - Dibenz(a,h) anthracene	EPA 625	10107401	NELAP	FL
6070 - Diethyl phthalate	EPA 625	10107401	NELAP	FL
6135 - Dimethyl phthalate	EPA 625	10107401	NELAP	FL
6265 - Fluoranthene	EPA 625	10107401	NELAP	FL
6270 - Fluorene	EPA 625	10107401	NELAP	FL
6275 - Hexachlorobenzene	EPA 625	10107401	NELAP	FL
4835 - Hexachlorobutadiene	EPA 625	10107401	NELAP	FL
6285 - Hexachlorocyclopentadiene	EPA 625	10107401	NELAP	FL
4840 - Hexachloroethane	EPA 625	10107401	NELAP	FL
6315 - Indeno(1,2,3-cd) pyrene	EPA 625	10107401	NELAP	FL
6320 - Isophorone	EPA 625	10107401	NELAP	FL
5005 - Naphthalene	EPA 625	10107401	NELAP	FL
5015 - Nitrobenzene	EPA 625	10107401	NELAP	FL
6605 - Pentachlorophenol	EPA 625	10107401	NELAP	FL
6615 - Phenanthrene	EPA 625	10107401	NELAP	FL
6625 - Phenol	EPA 625	10107401	NELAP	FL
6665 - Pyrene	EPA 625	10107401	NELAP	FL
5760 - bis(2-Chloroethoxy)methane	EPA 625	10107401	NELAP	FL
5765 - bis(2-Chloroethyl) ether	EPA 625	10107401	NELAP	FL
5780 - bis(2-Chloroisopropyl) ether	EPA 625	10107401	NELAP	FL
6545 - n-Nitrosodi-n-propylamine	EPA 625	10107401	NELAP	FL
6530 - n-Nitrosodimethylamine	EPA 625	10107401	NELAP	FL
6535 - n-Nitrosodiphenylamine	EPA 625	10107401	NELAP	FL
4575 - Chlorodibromomethane	EPA 1624	10121207	NELAP	FL
1860 - Oil & Grease	EPA 1664A	10127603	NELAP	FL
2050 - Total Petroleum Hydrocarbons (TPH)	EPA 1664A	10127603	NELAP	FL
1000 - Aluminum	EPA 6010	10155201	NELAP	FL
1005 - Antimony	EPA 6010	10155201	NELAP	FL
1010 - Arsenic	EPA 6010	10155201	NELAP	FL
1015 - Barium	EPA 6010	10155201	NELAP	FL
1020 - Beryllium	EPA 6010	10155201	NELAP	FL
1025 - Boron	EPA 6010	10155201	NELAP	FL
1030 - Cadmium	EPA 6010	10155201	NELAP	FL
1035 - Calcium	EPA 6010	10155201	NELAP	FL
1040 - Chromium	EPA 6010	10155201	NELAP	FL
1055 - Copper	EPA 6010	10155201	NELAP	FL
1070 - Iron	EPA 6010	10155201	NELAP	FL
1075 - Lead	EPA 6010	10155201	NELAP	FL
1085 - Magnesium	EPA 6010	10155201	NELAP	FL
1090 - Manganese	EPA 6010	10155201	NELAP	FL
1100 - Molybdenum	EPA 6010	10155201	NELAP	FL
1105 - Nickel	EPA 6010	10155201	NELAP	FL
1125 - Potassium	EPA 6010	10155201	NELAP	FL

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Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1140 - Selenium	EPA 6010	10155201	NELAP	FL
1150 - Silver	EPA 6010	10155201	NELAP	FL
1155 - Sodium	EPA 6010	10155201	NELAP	FL
1165 - Thallium	EPA 6010	10155201	NELAP	FL
1175 - Tin	EPA 6010	10155201	NELAP	FL
1185 - Vanadium	EPA 6010	10155201	NELAP	FL
1190 - Zinc	EPA 6010	10155201	NELAP	FL
1000 - Aluminum	EPA 6020	10156000	NELAP	FL
1005 - Antimony	EPA 6020	10156000	NELAP	FL
1010 - Arsenic	EPA 6020	10156000	NELAP	FL
1015 - Barium	EPA 6020	10156000	NELAP	FL
1020 - Beryllium	EPA 6020	10156000	NELAP	FL
1040 - Chromium	EPA 6020	10156000	NELAP	FL
1055 - Copper	EPA 6020	10156000	NELAP	FL
1075 - Lead	EPA 6020	10156000	NELAP	FL
1090 - Manganese	EPA 6020	10156000	NELAP	FL
1105 - Nickel	EPA 6020	10156000	NELAP	FL
1150 - Silver	EPA 6020	10156000	NELAP	FL
1165 - Thallium	EPA 6020	10156000	NELAP	FL
1190 - Zinc	EPA 6020	10156204	NELAP	FL
1045 - Chromium VI	EPA 7196	10162206	NELAP	FL
1540 - Bromide	EPA 9056	10199005	NELAP	FL
1540 - Bromide	EPA 9056	10199403	NELAP	FL
1865 - Organic nitrogen	EPA 351.2 minus EPA 350.1	10238207	NELAP	FL
1755 - Total hardness as CaCO3	SM 18/19th ED 2340 B	20003401	NELAP	FL
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	FL
1900 - pH	SM 18/19th ED 4500-H+ B	20016404	NELAP	FL
1530 - Biochemical oxygen demand	SM 5210 B, 18th ED	20027401	NELAP	FL
1555 - Carbonaceous BOD, CBOD	SM 5210 B, 18th ED	20027401	NELAP	FL
2040 - Total Organic Carbon	SM 18/19th ED 5310 B	20028006	NELAP	FL
2025 - Surfactants - MBAS	SM 18/19th ED 5540 C	20029009	NELAP	FL
1500 - Acidity, as CaCO3	SM 2310 B, 20th ED	20044206	NELAP	FL
1505 - Alkalinity as CaCO3	SM 2320 B, 21st ED	20045403	NELAP	FL

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1780 - Ignitability	EPA 1020	10116800	NELAP	FL
251 - Toxicity Characteristic Leaching Procedure	EPA 1311	10118806	NELAP	FL
247 - Synthetic Precipitation Leaching Procedure	EPA 1312	10119003	NELAP	FL
252 - Ultrasonic Extraction	EPA 3550	10141409	NELAP	FL
256 - Waste Dilution	EPA 3580	10142800	NELAP	FL
166 - Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples	EPA 5035	10154004	NELAP	FL
1000 - Aluminum	EPA 6010	10155201	NELAP	FL
1005 - Antimony	EPA 6010	10155201	NELAP	FL
1010 - Arsenic	EPA 6010	10155201	NELAP	FL
1015 - Barium	EPA 6010	10155201	NELAP	FL
1020 - Beryllium	EPA 6010	10155201	NELAP	FL
1030 - Cadmium	EPA 6010	10155201	NELAP	FL
1035 - Calcium	EPA 6010	10155201	NELAP	FL
1040 - Chromium	EPA 6010	10155201	NELAP	FL

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Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1050 - Cobalt	EPA 6010	10155201	NELAP	FL
1055 - Copper	EPA 6010	10155201	NELAP	FL
1070 - Iron	EPA 6010	10155201	NELAP	FL
1075 - Lead	EPA 6010	10155201	NELAP	FL
1085 - Magnesium	EPA 6010	10155201	NELAP	FL
1090 - Manganese	EPA 6010	10155201	NELAP	FL
1100 - Molybdenum	EPA 6010	10155201	NELAP	FL
1105 - Nickel	EPA 6010	10155201	NELAP	FL
1125 - Potassium	EPA 6010	10155201	NELAP	FL
1140 - Selenium	EPA 6010	10155201	NELAP	FL
1150 - Silver	EPA 6010	10155201	NELAP	FL
1155 - Sodium	EPA 6010	10155201	NELAP	FL
1165 - Thallium	EPA 6010	10155201	NELAP	FL
1175 - Tin	EPA 6010	10155201	NELAP	FL
1185 - Vanadium	EPA 6010	10155201	NELAP	FL
1190 - Zinc	EPA 6010	10155201	NELAP	FL
1000 - Aluminum	EPA 6020	10156000	NELAP	FL
1005 - Antimony	EPA 6020	10156000	NELAP	FL
1010 - Arsenic	EPA 6020	10156000	NELAP	FL
1015 - Barium	EPA 6020	10156000	NELAP	FL
1020 - Beryllium	EPA 6020	10156000	NELAP	FL
1030 - Cadmium	EPA 6020	10156000	NELAP	FL
1040 - Chromium	EPA 6020	10156000	NELAP	FL
1050 - Cobalt	EPA 6020	10156000	NELAP	FL
1055 - Copper	EPA 6020	10156000	NELAP	FL
1075 - Lead	EPA 6020	10156000	NELAP	FL
1090 - Manganese	EPA 6020	10156000	NELAP	FL
1105 - Nickel	EPA 6020	10156000	NELAP	FL
1150 - Silver	EPA 6020	10156000	NELAP	FL
1165 - Thallium	EPA 6020	10156000	NELAP	FL
1190 - Zinc	EPA 6020	10156000	NELAP	FL
1045 - Chromium VI	EPA 7196	10162206	NELAP	FL
1095 - Mercury	EPA 7471	10166004	NELAP	FL
9369 - Diesel range organics (DRO)	EPA 8015	10173203	NELAP	FL
9408 - Gasoline range organics (GRO)	EPA 8015	10173203	NELAP	FL
7355 - 4,4'-DDD	EPA 8081	10178402	NELAP	FL
7360 - 4,4'-DDE	EPA 8081	10178402	NELAP	FL
7365 - 4,4'-DDT	EPA 8081	10178402	NELAP	FL
7025 - Aldrin	EPA 8081	10178402	NELAP	FL
7250 - Chlordane (tech.)	EPA 8081	10178402	NELAP	FL
7470 - Dieldrin	EPA 8081	10178402	NELAP	FL
7510 - Endosulfan I	EPA 8081	10178402	NELAP	FL
7515 - Endosulfan II	EPA 8081	10178402	NELAP	FL
7520 - Endosulfan sulfate	EPA 8081	10178402	NELAP	FL
7540 - Endrin	EPA 8081	10178402	NELAP	FL
7530 - Endrin aldehyde	EPA 8081	10178402	NELAP	FL
7685 - Heptachlor	EPA 8081	10178402	NELAP	FL
7690 - Heptachlor epoxide	EPA 8081	10178402	NELAP	FL
7810 - Methoxychlor	EPA 8081	10178402	NELAP	FL
8250 - Toxaphene (Chlorinated camphene)	EPA 8081	10178402	NELAP	FL
7110 - alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	10178402	NELAP	FL
7240 - alpha-Chlordane	EPA 8081	10178402	NELAP	FL
7115 - beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	10178402	NELAP	FL
7105 - delta-BHC	EPA 8081	10178402	NELAP	FL

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
7120 - gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	EPA 8081	10178402	NELAP	FL
8880 - Aroclor-1016 (PCB-1016)	EPA 8082	10179007	NELAP	FL
8885 - Aroclor-1221 (PCB-1221)	EPA 8082	10179007	NELAP	FL
8890 - Aroclor-1232 (PCB-1232)	EPA 8082	10179007	NELAP	FL
8895 - Aroclor-1242 (PCB-1242)	EPA 8082	10179007	NELAP	FL
8900 - Aroclor-1248 (PCB-1248)	EPA 8082	10179007	NELAP	FL
8905 - Aroclor-1254 (PCB-1254)	EPA 8082	10179007	NELAP	FL
8910 - Aroclor-1260 (PCB-1260)	EPA 8082	10179007	NELAP	FL
5105 - 1,1,1,2-Tetrachloroethane	EPA 8260	10184404	NELAP	FL
5160 - 1,1,1-Trichloroethane	EPA 8260	10184404	NELAP	FL
5110 - 1,1,2,2-Tetrachloroethane	EPA 8260	10184404	NELAP	FL
5165 - 1,1,2-Trichloroethane	EPA 8260	10184404	NELAP	FL
4630 - 1,1-Dichloroethane	EPA 8260	10184404	NELAP	FL
4640 - 1,1-Dichloroethylene	EPA 8260	10184404	NELAP	FL
4670 - 1,1-Dichloropropene	EPA 8260	10184404	NELAP	FL
5180 - 1,2,3-Trichloropropane	EPA 8260	10184404	NELAP	FL
5155 - 1,2,4-Trichlorobenzene	EPA 8260	10184404	NELAP	FL
4570 - 1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	10184404	NELAP	FL
4585 - 1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	10184404	NELAP	FL
4610 - 1,2-Dichlorobenzene	EPA 8260	10184404	NELAP	FL
4635 - 1,2-Dichloroethane (Ethylene dichloride)	EPA 8260	10184404	NELAP	FL
4655 - 1,2-Dichloropropane	EPA 8260	10184404	NELAP	FL
4660 - 1,3-Dichloropropane	EPA 8260	10184404	NELAP	FL
4620 - 1,4-Dichlorobenzene	EPA 8260	10184404	NELAP	FL
4735 - 1,4-Dioxane (1,4- Diethyleneoxide)	EPA 8260	10184404	NELAP	FL
4665 - 2,2-Dichloropropane	EPA 8260	10184404	NELAP	FL
4410 - 2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	10184404	NELAP	FL
4500 - 2-Chloroethyl vinyl ether	EPA 8260	10184404	NELAP	FL
4535 - 2-Chlorotoluene	EPA 8260	10184404	NELAP	FL
4860 - 2-Hexanone	EPA 8260	10184404	NELAP	FL
4540 - 4-Chlorotoluene	EPA 8260	10184404	NELAP	FL
4995 - 4-Methyl-2-pentanone (MIBK)	EPA 8260	10184404	NELAP	FL
4315 - Acetone	EPA 8260	10184404	NELAP	FL
4320 - Acetonitrile	EPA 8260	10184404	NELAP	FL
4325 - Acrolein (Propenal)	EPA 8260	10184404	NELAP	FL
4340 - Acrylonitrile	EPA 8260	10184404	NELAP	FL
4355 - Allyl chloride (3-Chloropropene)	EPA 8260	10184404	NELAP	FL
4375 - Benzene	EPA 8260	10184404	NELAP	FL
4385 - Bromobenzene	EPA 8260	10184404	NELAP	FL
4390 - Bromochloromethane	EPA 8260	10184404	NELAP	FL
4395 - Bromodichloromethane	EPA 8260	10184404	NELAP	FL
4400 - Bromoform	EPA 8260	10184404	NELAP	FL
4450 - Carbon disulfide	EPA 8260	10184404	NELAP	FL
4455 - Carbon tetrachloride	EPA 8260	10184404	NELAP	FL
4475 - Chlorobenzene	EPA 8260	10184404	NELAP	FL
4575 - Chlorodibromomethane	EPA 8260	10184404	NELAP	FL
4485 - Chloroethane (Ethyl chloride)	EPA 8260	10184404	NELAP	FL
4505 - Chloroform	EPA 8260	10184404	NELAP	FL
4525 - Chloroprene (2-Chloro-1,3-butadiene)	EPA 8260	10184404	NELAP	FL
4595 - Dibromomethane (Methylene	EPA 8260	10184404	NELAP	FL

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
bromide)				
4625 - Dichlorodifluoromethane (Freon-12)	EPA 8260	10184404	NELAP	FL
4810 - Ethyl methacrylate	EPA 8260	10184404	NELAP	FL
4765 - Ethylbenzene	EPA 8260	10184404	NELAP	FL
4835 - Hexachlorobutadiene	EPA 8260	10184404	NELAP	FL
4870 - Iodomethane (Methyl iodide)	EPA 8260	10184404	NELAP	FL
4875 - Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260	10184404	NELAP	FL
4900 - Isopropylbenzene	EPA 8260	10184404	NELAP	FL
4925 - Methacrylonitrile	EPA 8260	10184404	NELAP	FL
4950 - Methyl bromide (Bromomethane)	EPA 8260	10184404	NELAP	FL
4960 - Methyl chloride (Chloromethane)	EPA 8260	10184404	NELAP	FL
4990 - Methyl methacrylate	EPA 8260	10184404	NELAP	FL
5000 - Methyl tert-butyl ether (MTBE)	EPA 8260	10184404	NELAP	FL
4975 - Methylene chloride (Dichloromethane)	EPA 8260	10184404	NELAP	FL
5005 - Naphthalene	EPA 8260	10184404	NELAP	FL
5080 - Propionitrile (Ethyl cyanide)	EPA 8260	10184404	NELAP	FL
5100 - Styrene	EPA 8260	10184404	NELAP	FL
5115 - Tetrachloroethylene (Perchloroethylene)	EPA 8260	10184404	NELAP	FL
5140 - Toluene	EPA 8260	10184404	NELAP	FL
5170 - Trichloroethene (Trichloroethylene)	EPA 8260	10184404	NELAP	FL
5175 - Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260	10184404	NELAP	FL
5225 - Vinyl acetate	EPA 8260	10184404	NELAP	FL
5235 - Vinyl chloride	EPA 8260	10184404	NELAP	FL
5260 - Xylene (total)	EPA 8260	10184404	NELAP	FL
4645 - cis-1,2-Dichloroethylene	EPA 8260	10184404	NELAP	FL
4680 - cis-1,3-Dichloropropene	EPA 8260	10184404	NELAP	FL
4435 - n-Butylbenzene	EPA 8260	10184404	NELAP	FL
5250 - o-Xylene	EPA 8260	10184404	NELAP	FL
4440 - sec-Butylbenzene	EPA 8260	10184404	NELAP	FL
4445 - tert-Butylbenzene	EPA 8260	10184404	NELAP	FL
4700 - trans-1,2-Dichloroethylene	EPA 8260	10184404	NELAP	FL
4685 - trans-1,3-Dichloropropylene	EPA 8260	10184404	NELAP	FL
4605 - trans-1,4-Dichloro-2-butene	EPA 8260	10184404	NELAP	FL
6715 - 1,2,4,5-Tetrachlorobenzene	EPA 8270	10185203	NELAP	FL
5155 - 1,2,4-Trichlorobenzene	EPA 8270	10185203	NELAP	FL
4610 - 1,2-Dichlorobenzene	EPA 8270	10185203	NELAP	FL
6220 - 1,2-Diphenylhydrazine	EPA 8270	10185203	NELAP	FL
6885 - 1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270	10185203	NELAP	FL
4615 - 1,3-Dichlorobenzene	EPA 8270	10185203	NELAP	FL
6160 - 1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	10185203	NELAP	FL
4620 - 1,4-Dichlorobenzene	EPA 8270	10185203	NELAP	FL
5790 - 1-Chloronaphthalene	EPA 8270	10185203	NELAP	FL
6735 - 2,3,4,6-Tetrachlorophenol	EPA 8270	10185203	NELAP	FL
6835 - 2,4,5-Trichlorophenol	EPA 8270	10185203	NELAP	FL
6840 - 2,4,6-Trichlorophenol	EPA 8270	10185203	NELAP	FL
6175 - 2,4-Dinitrophenol	EPA 8270	10185203	NELAP	FL
6185 - 2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	10185203	NELAP	FL
6005 - 2,6-Dichlorophenol	EPA 8270	10185203	NELAP	FL
6190 - 2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	10185203	NELAP	FL
5515 - 2-Acetylaminofluorene	EPA 8270	10185203	NELAP	FL
5795 - 2-Chloronaphthalene	EPA 8270	10185203	NELAP	FL
5800 - 2-Chlorophenol	EPA 8270	10185203	NELAP	FL

Columbia Analytical Services Inc
Issue Date: July 1, 2011

Certificate Number: 02086

AI Number: 169805
Expiration Date: June 30, 2012

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
6360 - 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270	10185203	NELAP	FL
5145 - 2-Methylaniline (o-Toluidine)	EPA 8270	10185203	NELAP	FL
6385 - 2-Methylnaphthalene	EPA 8270	10185203	NELAP	FL
6400 - 2-Methylphenol (o-Cresol)	EPA 8270	10185203	NELAP	FL
6460 - 2-Nitroaniline	EPA 8270	10185203	NELAP	FL
6490 - 2-Nitrophenol	EPA 8270	10185203	NELAP	FL
5050 - 2-Picoline (2-Methylpyridine)	EPA 8270	10185203	NELAP	FL
5945 - 3,3'-Dichlorobenzidine	EPA 8270	10185203	NELAP	FL
6355 - 3-Methylcholanthrene	EPA 8270	10185203	NELAP	FL
6465 - 3-Nitroaniline	EPA 8270	10185203	NELAP	FL
5660 - 4-Bromophenyl phenyl ether	EPA 8270	10185203	NELAP	FL
5700 - 4-Chloro-3-methylphenol	EPA 8270	10185203	NELAP	FL
5745 - 4-Chloroaniline	EPA 8270	10185203	NELAP	FL
5825 - 4-Chlorophenyl phenylether	EPA 8270	10185203	NELAP	FL
6105 - 4-Dimethyl aminoazobenzene	EPA 8270	10185203	NELAP	FL
6410 - 4-Methylphenol (p-Cresol)	EPA 8270	10185203	NELAP	FL
6470 - 4-Nitroaniline	EPA 8270	10185203	NELAP	FL
6500 - 4-Nitrophenol	EPA 8270	10185203	NELAP	FL
6510 - 4-Nitroquinoline 1-oxide	EPA 8270	10185203	NELAP	FL
6115 - 7,12-Dimethylbenz(a) anthracene	EPA 8270	10185203	NELAP	FL
5500 - Acenaphthene	EPA 8270	10185203	NELAP	FL
5505 - Acenaphthylene	EPA 8270	10185203	NELAP	FL
5510 - Acetophenone	EPA 8270	10185203	NELAP	FL
5545 - Aniline	EPA 8270	10185203	NELAP	FL
5555 - Anthracene	EPA 8270	10185203	NELAP	FL
5560 - Aramite	EPA 8270	10185203	NELAP	FL
5595 - Benzidine	EPA 8270	10185203	NELAP	FL
5575 - Benzo(a)anthracene	EPA 8270	10185203	NELAP	FL
5610 - Benzoic acid	EPA 8270	10185203	NELAP	FL
5630 - Benzyl alcohol	EPA 8270	10185203	NELAP	FL
5670 - Butyl benzyl phthalate	EPA 8270	10185203	NELAP	FL
7260 - Chlorobenzilate	EPA 8270	10185203	NELAP	FL
5855 - Chrysene	EPA 8270	10185203	NELAP	FL
6065 - Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270	10185203	NELAP	FL
5925 - Di-n-butyl phthalate	EPA 8270	10185203	NELAP	FL
6200 - Di-n-octyl phthalate	EPA 8270	10185203	NELAP	FL
7405 - Diallate	EPA 8270	10185203	NELAP	FL
5900 - Dibenz(a, j) acridine	EPA 8270	10185203	NELAP	FL
5895 - Dibenz(a,h) anthracene	EPA 8270	10185203	NELAP	FL
5905 - Dibenzofuran	EPA 8270	10185203	NELAP	FL
6070 - Diethyl phthalate	EPA 8270	10185203	NELAP	FL
7475 - Dimethoate	EPA 8270	10185203	NELAP	FL
6135 - Dimethyl phthalate	EPA 8270	10185203	NELAP	FL
6260 - Ethyl methanesulfonate	EPA 8270	10185203	NELAP	FL
7605 - Fenthion	EPA 8270	10185203	NELAP	FL
6265 - Fluoranthene	EPA 8270	10185203	NELAP	FL
6270 - Fluorene	EPA 8270	10185203	NELAP	FL
6275 - Hexachlorobenzene	EPA 8270	10185203	NELAP	FL
4835 - Hexachlorobutadiene	EPA 8270	10185203	NELAP	FL
6285 - Hexachlorocyclopentadiene	EPA 8270	10185203	NELAP	FL
4840 - Hexachloroethane	EPA 8270	10185203	NELAP	FL
6295 - Hexachloropropene	EPA 8270	10185203	NELAP	FL
6315 - Indeno(1,2,3-cd) pyrene	EPA 8270	10185203	NELAP	FL
7725 - Isodrin	EPA 8270	10185203	NELAP	FL

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
6320 - Isophorone	EPA 8270	10185203	NELAP	FL
6325 - Isosafrole	EPA 8270	10185203	NELAP	FL
7740 - Kepone	EPA 8270	10185203	NELAP	FL
6375 - Methyl methanesulfonate	EPA 8270	10185203	NELAP	FL
7825 - Methyl parathion (Parathion, methyl)	EPA 8270	10185203	NELAP	FL
5005 - Naphthalene	EPA 8270	10185203	NELAP	FL
5015 - Nitrobenzene	EPA 8270	10185203	NELAP	FL
7955 - Parathion, ethyl	EPA 8270	10185203	NELAP	FL
6590 - Pentachlorobenzene	EPA 8270	10185203	NELAP	FL
6600 - Pentachloronitrobenzene	EPA 8270	10185203	NELAP	FL
6605 - Pentachlorophenol	EPA 8270	10185203	NELAP	FL
6610 - Phenacetin	EPA 8270	10185203	NELAP	FL
6615 - Phenanthrene	EPA 8270	10185203	NELAP	FL
6625 - Phenol	EPA 8270	10185203	NELAP	FL
7985 - Phorate	EPA 8270	10185203	NELAP	FL
6650 - Pronamide (Kerb)	EPA 8270	10185203	NELAP	FL
6665 - Pyrene	EPA 8270	10185203	NELAP	FL
5095 - Pyridine	EPA 8270	10185203	NELAP	FL
6685 - Safrole	EPA 8270	10185203	NELAP	FL
8235 - Thionazin (Zinophos)	EPA 8270	10185203	NELAP	FL
5760 - bis(2-Chloroethoxy)methane	EPA 8270	10185203	NELAP	FL
5765 - bis(2-Chloroethyl) ether	EPA 8270	10185203	NELAP	FL
5780 - bis(2-Chloroisopropyl) ether	EPA 8270	10185203	NELAP	FL
5025 - n-Nitroso-di-n-butylamine	EPA 8270	10185203	NELAP	FL
6545 - n-Nitrosodi-n-propylamine	EPA 8270	10185203	NELAP	FL
6525 - n-Nitrosodiethylamine	EPA 8270	10185203	NELAP	FL
6530 - n-Nitrosodimethylamine	EPA 8270	10185203	NELAP	FL
6535 - n-Nitrosodiphenylamine	EPA 8270	10185203	NELAP	FL
6550 - n-Nitrosomethylethylamine	EPA 8270	10185203	NELAP	FL
6555 - n-Nitrosomorpholine	EPA 8270	10185203	NELAP	FL
6565 - n-Nitrosopyrrolidine	EPA 8270	10185203	NELAP	FL
8290 - o,o,o-Triethyl phosphorothioate	EPA 8270	10185203	NELAP	FL
1900 - pH	EPA 9045	10197805	NELAP	FL
1540 - Bromide	EPA 9056	10199005	NELAP	FL
1575 - Chloride	EPA 9056	10199005	NELAP	FL
1730 - Fluoride	EPA 9056	10199005	NELAP	FL
1810 - Nitrate as N	EPA 9056	10199005	NELAP	FL
1840 - Nitrite as N	EPA 9056	10199005	NELAP	FL
2000 - Sulfate	EPA 9056	10199005	NELAP	FL
2040 - Total Organic Carbon	EPA 9060	10200201	NELAP	FL

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE