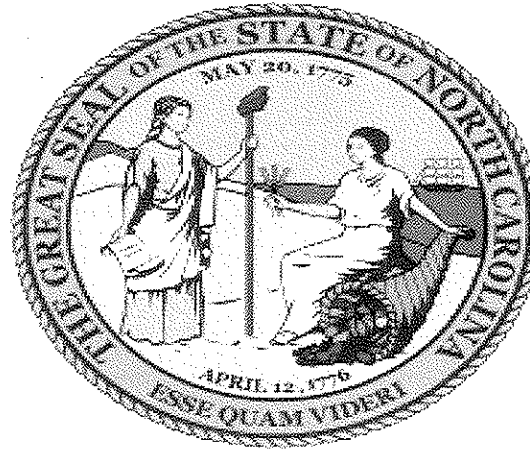


STATE OF NORTH CAROLINA DEPARTMENT OF THE
ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WATER QUALITY LABORATORY CERTIFICATION PROGRAM

In accordance with the provisions of N.C.G.S. 143-215.3 (a) (1), 143-215.3 (a)(10) and NCAC 2H.0800:



2010

SOUTHERN PETROLEUM LABORATORIES, INC

Is hereby certified to perform environmental analysis as listed on Attachment I and report monitoring data to DWQ for compliance with NPDES effluent, surface water, groundwater, and pretreatment regulations.

By reference 15A NCAC 2H .0800 is made a part of this certificate.

This certificate does not guarantee validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

This certificate shall be valid until December 31, 2010

Certificate No 487

Pat Donnelly
Pat Donnelly

Attachment
North Carolina Wastewater/Groundwater Laboratory Certification
Certified Parameters Listing

Lab Name: Southern Petroleum Laboratories, Inc
 Address: 500 Ambassador Caffery Pkway.
 Scott, LA 70583-8544

Certificate Number: 487
 Effective Date: 01/01/2010
 Expiration Date: 12/31/2010
 Date of Last Amendment: 02/18/2010

The above named laboratory, having duly met the requirements of 15A NCAC 2H.0800, is hereby certified for the measurement of the parameters listed below.

CERTIFIED PARAMETERS

INORGANICS	EPA Method 200.8	SW846 Method 6010C
CHLORIDE	SW846 Method 6010C	SW846 Method 6020A
Std Method 4500 Cl C	SW846 Method 6020A	COPPER
EPA Method 300	ANTIMONY	EPA Method 200.7
EPA Method 300.1	EPA Method 200.7	EPA Method 200.8
SW846 Method 9056A	EPA Method 200.8	SW846 Method 6010C
FLUORIDE	SW846 Method 6010C	SW846 Method 6020A
EPA Method 300	SW846 Method 6020A	IRON
EPA Method 300.1	ARSENIC	Std Method 3111B
SW846 Method 9056A	EPA Method 200.7	EPA Method 200.7
AMMONIA NITROGEN	EPA Method 200.8	SW846 Method 6010C
Std Method 4500 NH3 D 19th Ed	SW846 Method 6010C	SW846 Method 6020A
Std Method 4500 NH3 D 20th Ed	SW846 Method 6020A	EPA Method 200.8
TOTAL KJELDAHL NITROGEN	BARIUM	SW846 Method 7000B
Std Method 4500 NH3 D 19th Ed	Std Method 3111D 19th Ed	LEAD
Std Method 4500 NH3 D 20th Ed	EPA Method 200.7	EPA Method 200.7
NO2 + NO3 NITROGEN	EPA Method 200.8	EPA Method 200.8
Std Method 4500 NO3 E	SW846 Method 6010C	SW846 Method 6010C
NITRATE NITROGEN	SW846 Method 6020A	SW846 Method 6020A
SW846 Method 9056A	SW846 Method 7000B	MAGNESIUM
EPA Method 300	BERYLLIUM	SW846 Method 7000B
EPA Method 300.1	EPA Method 200.7	Std Method 3111B
Nitrate-nitrite N minus Nitrite N	EPA Method 200.8	EPA Method 200.7
NITRITE NITROGEN	SW846 Method 6010C	EPA Method 200.8
Std Method 4500 NO2 B	SW846 Method 6020A	SW846 Method 6010C
EPA Method 300	BORON	SW846 Method 6020A
EPA Method 300.1	EPA Method 200.7	MANGANESE
SW846 Method 9056A	SW846 Method 6010C	EPA Method 200.7
OIL & GREASE	EPA Method 200.8	EPA Method 200.8
EPA Method 1664 Rev A	SW846 Method 6020A	SW846 Method 6010C
SW846 Method 9071B	CADMIUM	SW846 Method 6020A
SW846 Method 9070A	EPA Method 200.7	MERCURY
pH	EPA Method 200.8	EPA Method 245.1
Std Method 4500 H B	SW846 Method 6010C	SW846 Method 7470A
RESIDUE DISSOLVED 180 C	SW846 Method 6020A	SW846 Method 7471B
Std Method 2540C	CALCIUM	MOLYBDENUM
RESIDUE SUSPENDED	Std Method 3111B	EPA Method 200.7
Std Method 2540D	EPA Method 200.7	EPA Method 200.8
SULFATE	EPA Method 200.8	SW846 Method 6010C
EPA Method 300	SW846 Method 6010C	SW846 Method 6020A
EPA Method 300.1	SW846 Method 6020A	NICKEL
SW846 Method 9056A	SW846 Method 7000B	EPA Method 200.7
ASTM Method D 516-90	CHROMIUM TOTAL	EPA Method 200.8
SULFIDE	EPA Method 200.7	SW846 Method 6010C
Std Method 4500 S D	EPA Method 200.8	SW846 Method 6020A
TOTAL ORGANIC CARBON	SW846 Method 6010C	POTASSIUM
Std Method 5310B	SW846 Method 6020A	EPA Method 200.7
METALS	COBALT	SW846 Method 6010C
ALUMINUM	EPA Method 200.7	Std Method 3111B
EPA Method 200.7	EPA Method 200.8	EPA Method 200.8

This certification requires maintenance of an acceptable quality assurance program, use of approved methodology, and satisfactory performance on evaluation samples. Laboratories are subject to civil penalties and/or decertification for infractions as set forth in 15A NCAC 2H.0807.

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North Carolina Wastewater/Groundwater Laboratory Certification
Certified Parameters Listing

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Address: 500 Ambassador Caffery Pkway,
Scott, LA 70583-8544

Certificate Number: 487
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Date of Last Amendment: 02/18/2010

The above named laboratory, having duly met the requirements of 15A NCAC 2H.0800, is hereby certified for the measurement of the parameters listed below.

CERTIFIED PARAMETERS

SW846 Method 6020A	PURGEABLE AROMATICS
SW846 Method 7000B	EPA Method 602
SELENIUM	ORGANOCHLORINE PESTICIDES & PCBs
EPA Method 200.7	EPA Method 608
EPA Method 200.8	ORGANOCHLORINE PESTICIDES
SW846 Method 6010C	SW846 Method 8081B
SW846 Method 6020A	POLYCHLORINATED BIPHENYLS (PCB's)
SILVER	SW846 Method 8082A
EPA Method 200.8	POLYNUCLEAR AROMATIC HYDROCARBONS
SW846 Method 6010C	SW846 Method 8310
SW846 Method 6020A	PURGEABLE ORGANICS
SODIUM	EPA Method 624
EPA Method 200.7	SW846 Method 8260B
SW846 Method 6010C	Std Method 6200B
Std Method 3111B	BASE NEUTRAL/ACID ORGANICS
EPA Method 200.8	EPA Method 625
SW846 Method 6020A	SW846 Method 8270D
SW846 Method 7000B	CHLORINATED ACID HERBICIDES
THALLIUM	SW846 Method 8151A
EPA Method 279.2	TPH DIESEL RANGE ORGANICS
EPA Method 200.7	SW846 Method 8015C
EPA Method 200.8	TPH GASOLINE RANGE ORGANICS
SW846 Method 6010C	SW846 Method 8015C
SW846 Method 6020A	1,2, DIBROMOETHANE (EDB)
TIN	EPA Method 504.1 (Includes DBCP & TCP)
EPA Method 200.8	SW846 Method 8011 (Includes DBCP)
SW846 Method 6010C	EXTRACTABLE PETROLEUM HYDROCARBONS
SW846 Method 6020A	Massachusetts Method
TITANIUM	VOLATILE PETROLEUM HYDROCARBONS
EPA Method 200.7	Massachusetts Method
SW846 Method 6010C	TCLP ORGANICS
EPA Method 200.8	SW846 Method 1311
SW846 Method 6020A	SPLP ORGANICS
VANADIUM	SW846 Method 1312
EPA Method 200.7	
EPA Method 200.8	
SW846 Method 6010C	
SW846 Method 6020A	
ZINC	
Std Method 3111B	
EPA Method 200.7	
EPA Method 200.8	
SW846 Method 6010C	
SW846 Method 6020A	
TCLP METALS	
SW846 Method 1311	
SPLP METALS	
SW846 Method 1312	
ORGANICS	