



State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Read Receipt Requested

AI No. 178173
Activity No. ACC20170001
LELAP Lab ID # 05023
Accreditation Year FY 2018
Renewal due FY 2020

Ms. Diana Bowling
Southern Petroleum Laboratories Inc
4790 NE Evangeline Thwy
Carencro, Louisiana 70520

Re: Annual Scope of Accreditation

Dear Ms. Bowling:

The Louisiana Department of Environmental Quality's laboratory accreditation program, in accordance with Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation, accredits this laboratory for Fiscal Year 2018. This accreditation does not constitute an endorsement of the suitability of the listed methods for any specific purpose. The laboratory is accredited for the method as identified on the application for accreditation; if the method is partially identified on the application for accreditation, the laboratory is accredited for the versions listed on the current application or referenced in the laboratory standard operating procedure.

Louisiana Environmental Laboratory Accreditation Program (LELAP) accreditation is granted for those methods/analytes for which "STATE" is indicated as the type of accreditation. Accreditation is dependent on the laboratory's successful ongoing compliance with regulations as outlined in the Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation.

The accreditation certificate is the property of the State of Louisiana. Should your accreditation be suspended or revoked, your laboratory must return the certificate of accreditation to the department and delete any electronic copies until your accreditation status is restored.

LAC 33:I.5313.A requires that the laboratory report include all relevant information. Therefore, the certificate number shall be placed in the upper right corner of all laboratory reports. If the test report includes results of any test for which the laboratory is not accredited, the unaccredited results must be clearly identified as such.

We request that you examine the scope of accreditation attachment for accuracy and completeness. If you find that an analyte for which you expected to be accredited is not listed, please examine your records to ensure that:

1. You have met the requirements for successful participation in proficiency test studies as outlined in LAC 33:I.4711.
2. In the case of accreditation by recognition, the requested analyte must be listed for the requested method and matrix on both the certificate issued by the Primary Accreditation Body *and* on the Louisiana application form.

If after reviewing this information, the scope and/or certificate are inaccurate, please notify us immediately.

If you have any questions, please contact your assigned assessor Grant Aucoin, Environmental Scientist at (225) 219-3301.

Sincerely,



Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

20 June 2017
Date

CSN:PB:gra



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY



Is hereby granting a Louisiana Environmental Laboratory Accreditation to

Southern Petroleum Laboratories Inc
4790 NE Evangeline Thwy
Carencro, Louisiana 70520

Agency Interest No. 178173
Activity No. ACC20170001

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.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date:

20 June 2017

Effective Date: July 1, 2017
Expiration Date: June 30, 2018
Certificate Number: 05023



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Southern Petroleum Laboratories Inc
AI Number: 178173
Activity No. ACC20170001
Expiration Date: June 30, 2018

Effective Date: July 1, 2017

4790 NE Evangeline Thwy, Carencro, Louisiana 70520

Certificate Number: 05023

Air Emissions

Analyte	Method Name	Method Code	Type	AB
4938 - 2-Methylbutane (Isopentane)	GPA 2186	1519	State	LA
4942 - 2-methylpropane (Isobutane)	GPA 2186	1519	State	LA
100261 - API Gravity (Density)	GPA 2186	1519	State	LA
100574 - Absolute Density (In Vacuum)	GPA 2186	1519	State	LA
100573 - Absolute Density (in Air)	GPA 2186	1519	State	LA
100599 - BTU/Cu Ft @ 14.696 psia @ 60 F	GPA 2186	1519	State	LA
100601 - BTU/Gal	GPA 2186	1519	State	LA
100600 - BTU/Lb	GPA 2186	1519	State	LA
4375 - Benzene	GPA 2186	1519	State	LA
100548 - Calculated Molecular Weight	GPA 2186	1519	State	LA
3755 - Carbon dioxide	GPA 2186	1519	State	LA
100589 - Cubic Feet Vapor/Gallon @ 14.73 psia	GPA 2186	1519	State	LA
100590 - Cubic Feet Vapor/Gallon @ Desired Pressure Base	GPA 2186	1519	State	LA
4555 - Cyclohexane	GPA 2186	1519	State	LA
4747 - Ethane	GPA 2186	1519	State	LA
4765 - Ethylbenzene	GPA 2186	1519	State	LA
100558 - Heptanes	GPA 2186	1519	State	LA
100575 - Heptanes Plus	GPA 2186	1519	State	LA
100559 - Hexanes	GPA 2186	1519	State	LA
100551 - Hexanes plus	GPA 2186	1519	State	LA
100576 - Iso-Decanes	GPA 2186	1519	State	LA
100577 - Iso-Heptanes	GPA 2186	1519	State	LA
100578 - Iso-Hexanes	GPA 2186	1519	State	LA
100579 - Iso-Nonanes	GPA 2186	1519	State	LA
100580 - Iso-Octanes	GPA 2186	1519	State	LA
100581 - Iso-Undecanes	GPA 2186	1519	State	LA
4926 - Methane	GPA 2186	1519	State	LA
1843 - Nitrogen	GPA 2186	1519	State	LA
100263 - Propane	GPA 2186	1519	State	LA
8042 - Specific Gravity (Relative Density)	GPA 2186	1519	State	LA
5140 - Toluene	GPA 2186	1519	State	LA
5260 - Xylene (total)	GPA 2186	1519	State	LA
5240 - m+p-xylene	GPA 2186	1519	State	LA
5007 - n-Butane	GPA 2186	1519	State	LA
5875 - n-Decane	GPA 2186	1519	State	LA
6235 - n-Dodecane	GPA 2186	1519	State	LA
4825 - n-Heptane	GPA 2186	1519	State	LA
4855 - n-Hexane	GPA 2186	1519	State	LA
5026 - n-Nonane	GPA 2186	1519	State	LA
5027 - n-Octane	GPA 2186	1519	State	LA
5028 - n-Pentane	GPA 2186	1519	State	LA
6747 - n-Undecane	GPA 2186	1519	State	LA
5250 - o-Xylene	GPA 2186	1519	State	LA
5220 - 2,2,4-Trimethylpentane (Isooctane)	GPA 2103	2484	State	LA
4938 - 2-Methylbutane (Isopentane)	GPA 2103	2484	State	LA
4941 - 2-Methylpentane (Isohexane)	GPA 2103	2484	State	LA
4942 - 2-methylpropane (Isobutane)	GPA 2103	2484	State	LA

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

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100261 - API Gravity (Density)	GPA 2103	2484	State	LA
100265 - Absolute Liquid Density (standard conditions)	GPA 2103	2484	State	LA
100264 - Absolute Liquid Density (under vacuum)	GPA 2103	2484	State	LA
4375 - Benzene	GPA 2103	2484	State	LA
100268 - C7 and higher hydrocarbons	GPA 2103	2484	State	LA
100548 - Calculated Molecular Weight	GPA 2103	2484	State	LA
3755 - Carbon dioxide	GPA 2103	2484	State	LA
100589 - Cubic Feet Vapor/Gallon @ 14.73 psia	GPA 2103	2484	State	LA
100590 - Cubic Feet Vapor/Gallon @ Desired Pressure Base	GPA 2103	2484	State	LA
100557 - Decanes plus	GPA 2103	2484	State	LA
4747 - Ethane	GPA 2103	2484	State	LA
4765 - Ethylbenzene	GPA 2103	2484	State	LA
100558 - Heptanes	GPA 2103	2484	State	LA
100559 - Hexanes	GPA 2103	2484	State	LA
4926 - Methane	GPA 2103	2484	State	LA
1843 - Nitrogen	GPA 2103	2484	State	LA
100560 - Nonanes	GPA 2103	2484	State	LA
100561 - Octanes	GPA 2103	2484	State	LA
100263 - Propane	GPA 2103	2484	State	LA
8042 - Specific Gravity (Relative Density)	GPA 2103	2484	State	LA
5140 - Toluene	GPA 2103	2484	State	LA
5260 - Xylene (total)	GPA 2103	2484	State	LA
5007 - n-Butane	GPA 2103	2484	State	LA
4855 - n-Hexane	GPA 2103	2484	State	LA
5028 - n-Pentane	GPA 2103	2484	State	LA
4938 - 2-Methylbutane (Isopentane)	GPA 2261	2942	State	LA
4942 - 2-methylpropane (Isobutane)	GPA 2261	2942	State	LA
100587 - Calculated Gross BTU/Cubic Feet (Dry Basis)	GPA 2261	2942	State	LA
100588 - Calculated Gross BTU/Cubic Feet (Saturated Basis)	GPA 2261	2942	State	LA
100548 - Calculated Molecular Weight	GPA 2261	2942	State	LA
3755 - Carbon dioxide	GPA 2261	2942	State	LA
100549 - Compressibility Factor	GPA 2261	2942	State	LA
4747 - Ethane	GPA 2261	2942	State	LA
100591 - GPM (in psia@60 F)	GPA 2261	2942	State	LA
100575 - Heptanes Plus	GPA 2261	2942	State	LA
100551 - Hexanes plus	GPA 2261	2942	State	LA
4926 - Methane	GPA 2261	2942	State	LA
1843 - Nitrogen	GPA 2261	2942	State	LA
100263 - Propane	GPA 2261	2942	State	LA
100602 - Relative Density	GPA 2261	2942	State	LA
5007 - n-Butane	GPA 2261	2942	State	LA
5028 - n-Pentane	GPA 2261	2942	State	LA
4938 - 2-Methylbutane (Isopentane)	GPA 2177	2943	State	LA
4942 - 2-methylpropane (Isobutane)	GPA 2177	2943	State	LA
100261 - API Gravity (Density)	GPA 2177	2943	State	LA
100574 - Absolute Density (In Vacuum)	GPA 2177	2943	State	LA
100573 - Absolute Density (in Air)	GPA 2177	2943	State	LA
100599 - BTU/Cu Ft @ 14.696 psia @ 60 F	GPA 2177	2943	State	LA
100601 - BTU/Gal	GPA 2177	2943	State	LA

Southern Petroleum Laboratories Inc

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Air Emissions

Analyte	Method Name	Method Code	Type	AB
100600 - BTU/Lb	GPA 2177	2943	State	LA
100548 - Calculated Molecular Weight	GPA 2177	2943	State	LA
3755 - Carbon dioxide	GPA 2177	2943	State	LA
100589 - Cubic Feet Vapor/Gallon @ 14.73 psia	GPA 2177	2943	State	LA
100590 - Cubic Feet Vapor/Gallon @ Desired Pressure Base	GPA 2177	2943	State	LA
4747 - Ethane	GPA 2177	2943	State	LA
100551 - Hexanes plus	GPA 2177	2943	State	LA
4926 - Methane	GPA 2177	2943	State	LA
1843 - Nitrogen	GPA 2177	2943	State	LA
100263 - Propane	GPA 2177	2943	State	LA
8042 - Specific Gravity (Relative Density)	GPA 2177	2943	State	LA
5007 - n-Butane	GPA 2177	2943	State	LA
5028 - n-Pentane	GPA 2177	2943	State	LA
4938 - 2-Methylbutane (Isopentane)	GPA 2286	2946	State	LA
4942 - 2-methylpropane (Isobutane)	GPA 2286	2946	State	LA
4375 - Benzene	GPA 2286	2946	State	LA
100587 - Calculated Gross BTU/Cubic Feet (Dry Basis)	GPA 2286	2946	State	LA
100588 - Calculated Gross BTU/Cubic Feet (Saturated Basis)	GPA 2286	2946	State	LA
100548 - Calculated Molecular Weight	GPA 2286	2946	State	LA
3755 - Carbon dioxide	GPA 2286	2946	State	LA
100549 - Compressibility Factor	GPA 2286	2946	State	LA
4555 - Cyclohexane	GPA 2286	2946	State	LA
4747 - Ethane	GPA 2286	2946	State	LA
4765 - Ethylbenzene	GPA 2286	2946	State	LA
100591 - GPM (in psia@60 F)	GPA 2286	2946	State	LA
100575 - Heptanes Plus	GPA 2286	2946	State	LA
100559 - Hexanes	GPA 2286	2946	State	LA
100551 - Hexanes plus	GPA 2286	2946	State	LA
100576 - Iso-Decanes	GPA 2286	2946	State	LA
100577 - Iso-Heptanes	GPA 2286	2946	State	LA
100578 - Iso-Hexanes	GPA 2286	2946	State	LA
100579 - Iso-Nonanes	GPA 2286	2946	State	LA
100580 - Iso-Octanes	GPA 2286	2946	State	LA
4926 - Methane	GPA 2286	2946	State	LA
1843 - Nitrogen	GPA 2286	2946	State	LA
100263 - Propane	GPA 2286	2946	State	LA
100602 - Relative Density	GPA 2286	2946	State	LA
5140 - Toluene	GPA 2286	2946	State	LA
5260 - Xylene (total)	GPA 2286	2946	State	LA
5245 - m-Xylene	GPA 2286	2946	State	LA
5007 - n-Butane	GPA 2286	2946	State	LA
5875 - n-Decane	GPA 2286	2946	State	LA
4825 - n-Heptane	GPA 2286	2946	State	LA
4855 - n-Hexane	GPA 2286	2946	State	LA
5026 - n-Nonane	GPA 2286	2946	State	LA
5027 - n-Octane	GPA 2286	2946	State	LA
5028 - n-Pentane	GPA 2286	2946	State	LA
5250 - o-Xylene	GPA 2286	2946	State	LA
5255 - p-Xylene	GPA 2286	2946	State	LA

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Non Potable Water

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

Solid Chemical Materials

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

Biological Tissue

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