



STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY

Is hereby granting a Louisiana Environmental Laboratory Accreditation to

LOUISIANA University of Louisiana at Monroe Environmental Analysis Laboratory

3908 Northeast Dr CNSB Room 117 ULM

Monroe, Louisiana 71209-0505

Agency Interest No. 30696

Activity No. ACC20230001

According to the Louisiana Administrative Code, Title 33, Part 1, 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 1, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 1. 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. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. 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 33:1.4711.

Tonya Landry  
Administrator  
Public Participation and Permit Support Division



Issued Date: 12/4/2023

Effective on Issue Date

Expiration Date: June 30, 2024

Certificate Number: 02018



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University of Louisiana at Monroe Environmental Analysis Laboratory

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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
1795 - Kjeldahl nitrogen - total	HACH 10242, Rev.1.2	9448	State	LA
1970 - Residue-volatile	EPA 160.4	10010205	State	LA
2070 - Volatile suspended solids	EPA 160.4	10010205	State	LA
1505 - Alkalinity as CaCO3	EPA 200.7	10013408	State	LA
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	State	LA
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	State	LA
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	State	LA
1015 - Barium	EPA 200.7, Rev.4.4	10013806	State	LA
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	State	LA
1025 - Boron	EPA 200.7, Rev.4.4	10013806	State	LA
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	State	LA
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	State	LA
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	State	LA
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	State	LA
1055 - Copper	EPA 200.7, Rev.4.4	10013806	State	LA
1070 - Iron	EPA 200.7, Rev.4.4	10013806	State	LA
1075 - Lead	EPA 200.7, Rev.4.4	10013806	State	LA
1080 - Lithium	EPA 200.7, Rev.4.4	10013806	State	LA
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	State	LA
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	State	LA
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	State	LA
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	State	LA
1909 - Phosphorus	EPA 200.7, Rev.4.4	10013806	State	LA
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	State	LA
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	State	LA
1150 - Silver	EPA 200.7, Rev.4.4	10013806	State	LA
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	State	LA
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	State	LA
1175 - Tin	EPA 200.7, Rev.4.4	10013806	State	LA
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	State	LA
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	State	LA
1095 - Mercury	EPA 245.1	10036609	State	LA
1805 - Nitrate	EPA 352.1	10066601	State	LA
1870 - Orthophosphate as P	EPA 365.3	10070607	State	LA
1910 - Total Phosphorus	EPA 365.3	10070801	State	LA
1565 - Chemical oxygen demand	EPA 410.4	10077200	State	LA
1860 - Oil & Grease	EPA 1664A (HEM)	10127807	State	LA
1401 - Acid Digestion of Aqueous samples and Extracts for Total Metals	EPA 3010A	10133605	State	LA
100610 - Microwave Assisted Acid Digestion of Aqueous Samples and Extracts	EPA 3015A	10134006	State	LA
2000 - Sulfate	SM 426C, 15th ED	20001609	State	LA

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## Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1605 - Color	SM 2120 B-2011	20039310	State	LA
2055 - Turbidity	SM 2130 B, 19th ED	20042200	State	LA
1505 - Alkalinity as CaCO <sub>3</sub>	SM 2320 B, 19th ED	20045005	State	LA
1505 - Alkalinity as CaCO <sub>3</sub>	SM 2320 B-2011	20045618	State	LA
1550 - Calcium hardness as CaCO <sub>3</sub>	SM 2340 B, 19th ED	20046008	State	LA
1755 - Total hardness as CaCO <sub>3</sub>	SM 2340 B, 19th ED	20046008	State	LA
1760 - Hardness (calc.)	SM 2340 B-2011	20046611	State	LA
1610 - Conductivity	SM 2510 B, 19th ED	20048004	State	LA
2055 - Turbidity	SM 2130 B-2011	20048220	State	LA
1610 - Conductivity	SM 2510 B-2011	20048617	State	LA
1950 - Residue-total	SM 2540 B, 19th ED	20048800	State	LA
1950 - Residue-total	SM 2540 B-2011	20049416	State	LA
1955 - Residue-filterable (TDS)	SM 2540 C, 19th ED	20049803	State	LA
1955 - Residue-filterable (TDS)	SM 2540 C-2011	20050413	State	LA
1960 - Residue-nonfilterable (TSS)	SM 2540 D, 19th ED	20050606	State	LA
1960 - Residue-nonfilterable (TSS)	SM 2540 D-2011	20051212	State	LA
2030 - Temperature, deg. C	SM 2550 B, 19th ED	20052602	State	LA
2030 - Temperature, deg. C	SM 2550 B, 22nd ED	20053127	State	LA
1645 - Total Cyanide	SM 4500-CN <sup>-</sup> C-2011	20065663	State	LA
1575 - Chloride	SM 4500-Cl <sup>-</sup> C, 19th ED	20078608	State	LA
1575 - Chloride	SM 4500-Cl <sup>-</sup> C-2011	20085216	State	LA
1635 - Cyanide	SM 4500-CN <sup>-</sup> C, 19th ED	20091401	State	LA
1645 - Total Cyanide	SM 4500-CN <sup>-</sup> E, 19th ED	20092200	State	LA
1645 - Total Cyanide	SM 4500-CN <sup>-</sup> E-2011	20096428	State	LA
1900 - pH	SM 4500-H <sup>+</sup> B, 19th ED	20104603	State	LA
1900 - pH	SM 4500-H <sup>+</sup> B-2011	20105220	State	LA
1515 - Ammonia as N	SM 4500-NH <sub>3</sub> D, 19th ED	20108809	State	LA
1515 - Ammonia as N	SM 4500-NH <sub>3</sub> D-2011	20109415	State	LA
1835 - Nitrite	SM 4500-NO <sub>2</sub> <sup>-</sup> B, 19th ED	20112407	State	LA
1835 - Nitrite	SM 4500-NO <sub>2</sub> <sup>-</sup> B-2011	20113115	State	LA
2000 - Sulfate	SM 4500-SO <sub>4</sub> <sup>-</sup> E-2011	20132461	State	LA
1530 - Biochemical oxygen demand	SM 5210 B, 19th ED	20134605	State	LA
1555 - Carbonaceous BOD, CBOD	SM 5210 B, 19th ED	20134605	State	LA
1530 - Biochemical oxygen demand	SM 5210 B-2011	20135266	State	LA
1555 - Carbonaceous BOD, CBOD	SM 5210 B-2011	20135266	State	LA
2500 - Total coliforms	SM 9222 B-2015, Rev.23rd	20197788	State	LA
2500 - Total coliforms	SM 9222 B (M-Endo), 19th ED	20203003	State	LA
2500 - Total coliforms	SM 9222 B (M-Endo), 22nd ED	20203412	State	LA
2530 - Fecal coliforms	SM 9222 D (m-FC), 19th ED	20209409	State	LA
2530 - Fecal coliforms	SM 9222 D (m-FC), 22nd ED	20209818	State	LA
1605 - Color	SM 2120 B, 19th ED	20223807	State	LA
1565 - Chemical oxygen demand	Hach 8000	60003001	State	LA
1810 - Nitrate as N	HACH 10206, 6th ED	60005222	State	LA
1820 - Nitrate-Nitrite	HACH 10206, 6th ED	60005222	State	LA
1530-Biochemical Oxygen Demand (BOD)	SM 5210 B-2016	20135039	State	LA
2530-Fecal coliforms	SM 9222 D-2015	20210020	State	LA
1635-Cyanide	SM 4500-CN-E-2016	20096439	State	LA
1635-Cyanide	SM 4500- CN-C-2016	20095458	State	LA
1950-Residue-total (TS)	SM 2540 B-2015, 23rd	20048684	State	LA
1555-Carbonaceous BOD (CBOD)	SM 5210 B-2016	20135039	State	LA
1955-Residue-filterable (TDS)	SM 2540 C-2015	20050435	State	LA
1960-Residue-nonfilterable (TSS)	SM 2540 D-2015	20051223	State	LA

## Solid Chemical Materials

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NONE	NONE	NONE	NONE	NONE

### Biological Tissue

Analyte	Method Name	Method Code	Type	AB
1401 - Acid Digestion of Aqueous samples and Extracts for Total Metals	EPA 3020	10134200	State	LA
1095 - Mercury	EPA 245.6	10234001	State	LA