



**State of Louisiana**  
Louisiana Department of Health  
Office of Public Health

December 19, 2018

Tracey Varvel  
ANA-LAB Corporation  
P.O. Box 9000  
Kilgore, TX 75663

Dear Ms. Varvel:

The requirements for maintaining your certification status for the State of Louisiana are outlined in the Louisiana Administrative Code (LAC) for the Accreditation of Laboratories Conducting Drinking Water Analyses located in LAC 48:V.Chapter 80, LAC 51:XII.101 and 301. They include but are not limited to:

1. Satisfactory analysis of periodic performance evaluation samples;
2. Use of methodologies sanctioned by the Safe Drinking Water Act or otherwise approved by the U.S. EPA for the analysis of drinking water;
3. Immediate notification to the certifying authority of any major changes in laboratory personnel, equipment, or location;
4. Satisfactory on-site evaluation;
5. Payment of appropriate fees.

Your laboratory has chosen the State of Texas and the State of Louisiana as its primary TNI accreditation bodies. Based on the criteria above and the Texas accreditation, your laboratory is granted this **2019 Certificate of Laboratory Accreditation** for all the parameters listed. The certificate must be conspicuously displayed in the laboratory in a location visible to the public.

If there are any questions, please contact me at [Grant.aucoin@la.gov](mailto:Grant.aucoin@la.gov) or (225)219-5202.

Sincerely,

A handwritten signature in blue ink, appearing to read "Grant Aucoin".

Grant Aucoin  
Laboratory Certification Program Manager

Enclosures



# STATE OF LOUISIANA

DEPARTMENT OF HEALTH  
OFFICE OF PUBLIC HEALTH



## ANA-LAB CORPORATION

2600 Dudley Road


Kilgore, TX 75662

is accredited by the State of Louisiana in accordance with  
the 2009 TNI Standard and/or Department of Health regulations  
Louisiana Administrative Code 48:V.Chapter 80 and  
Louisiana Administrative Code 51:XII.101 and 301

Scope of accreditation is limited to the  
“TNI Accredited Fields of Testing”  
which accompany this certificate

Continued accredited status depends on successful  
ongoing participation in the program

**CERTIFICATE NUMBER: LA026**  
**EFFECTIVE DATE: January 1, 2019**  
**EXPIRATION DATE: December 31, 2019**

  
Daniel Ferguson, MD  
Public Health Laboratory Director  
1209 Leesville Avenue  
Baton Rouge, Louisiana 70802

  
Grant Aucoin  
Laboratory Accreditation Program  
Manager

subject to forfeiture or revocation





## Louisiana Department of Health

Office of Public Health

1209 Leesville Avenue

Baton Rouge, LA 70802

(225) 219-5202



## Louisiana Accreditation - 2019

**Ana-Lab Corporation located in Kilgore, TX**

meets all of the criteria necessary for ACCREDITATION by the State of Louisiana and The NELAC Institute (TNI) for the analysis of drinking water for the following contaminants:

### Drinking Water Parameters

Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Alkalinity as CaCO <sub>3</sub>	SM 2320 B	LA	21st ed.	TITR	20045403	1505
Aluminum	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1000
Aluminum	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1000
Antimony	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1005
Arsenic	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1010
Barium	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1015
Barium	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1015
Beryllium	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1020
Boron	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1025
Bromate	EPA 300.1	TX	rev 1.0	IC-COND	10275602	1535
Bromide	EPA 300.0	TX	rev 2.1	IC-COND	10053200	1540
Cadmium	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1030
Calcium	EPA 200.7	LA	rev 4.4	ICP-AES	10013806	1035

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Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Chlorate	EPA 300.1	TX	rev 1.0	IC-COND	10275602	1570
Chloride	EPA 300.0	TX	rev 2.1	IC-COND	10053200	1575
Chlorine (free residual)	SM 4500-Cl F	LA	21st ed.	TITR	20080608	1945
Chlorine (free residual)	SM 4500-Cl G	LA	21st ed.	UV-VIS	20081407	1945
Chlorine (total residual)	SM 4500-Cl F	LA	21st ed.	TITR	20080608	1940
Chlorine (total residual)	SM 4500-Cl G	LA	21st ed.	UV-VIS	20081407	1940
Chlorite	EPA 300.1	TX	rev 1.0	IC-COND	10275602	1595
Chromium	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1040
Conductivity	SM 2510 B	TX	21st ed.	COND	20048402	1610
Copper	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1055
Copper	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1055
Corrosivity (Langlier Index)	SM 2330 B	LA	21st ed.	OTHER	20003354	1620
Cyanide	SM 4500-CN- E	TX	21st ed.	UV-VIS	20096202	1645
Cyanide (amenable)	SM 4500-CN- G	TX	21st ed.	OTHER	20097001	1510
Dissolved Organic Carbon (DOC)	SM 5310 C	LA	21st ed.	TOC-FID	20138607	1710
Fluoride	EPA 300.0	TX	rev 2.1	IC-COND	10053200	1730
Hardness as CaCO <sub>3</sub> (calcium)	SM 2340 B	LA	21st ed.	OTHER	20046406	1550
Hardness as CaCO <sub>3</sub> (total)	SM 2340 B	LA	21st ed.	OTHER	20046406	1755
Hardness as CaCO <sub>3</sub> (total)	EPA 130.2	TX	1982	TITR	10255604	1755
Hardness as CaCO <sub>3</sub> (total)	SM 2340 C	TX	21st ed.	TITR	20047409	1755
Iron	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1070
Lead	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1075

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Magnesium	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1085
Manganese	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1090
Manganese	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1090
Mercury	EPA 245.1	TX	rev 3.0	CVAAS	10036609	1095
Molybdenum	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1100
Nickel	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1105
Nickel	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1105
Nitrate as N	EPA 300.0	TX	rev 2.1	IC-COND	10053200	1810
Nitrate-Nitrite as N	EPA 300.0	TX	rev 2.1	IC-COND	10053200	1820
Nitrite as N	EPA 300.0	TX	rev 2.1	IC-COND	10053200	1840
Odor	SM 2150 B	LA	21st ed.	OTHER	20043601	1855
Orthophosphate as P	EPA 300.0	LA	rev 2.1	IC-COND	10053200	1870
Perchlorate	EPA 331.0	LA	rev 1.0	LC/ESI/MS	10059708	1895
Perchlorate	EPA 314.0	TX	rev 1.0	IC-COND	10277006	1895
pH	SM 4500-H+ B	LA	21st ed.	ISE	20105004	1900
Potassium	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1125
Selenium	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1140
Silica as SiO <sub>2</sub>	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1990
Silver	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1150
Silver	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1150
Sodium	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1155
Sulfate	EPA 300.0	TX	rev 2.1	IC-COND	10053200	2000

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Surfactants-MBAS	SM 5540 C	LA	21st ed.	UV-VIS	20144803	2025
Temperature	SM 2550 B	LA	21st ed.	OTHER	20053003	2030
Thallium	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1165
Total Dissolved Solids (TDS)	SM 2540 C	TX	21st ed.	GRAV	20050208	1955
Total Dissolved Solids (TDS)	EPA 160.1	TX	1971	GRAV	10009208	1955
Total Organic Carbon (TOC)	SM 5310 C	LA	21st ed.	TOC-FID	20138607	2040
Total Suspended Solids (TSS)	SM 2540D	TX	22nd ed.	GRAV	20051018	1960
Turbidity	SM 2130 B	LA	21st ed.	TURB	20042608	2055
Uranium	EPA 200.8	LA	rev 5.4	ICP-MS	10014605	1184
UV254	SM 5910 B	LA	21st ed.	UV/VIS	20146207	2060
Vanadium	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1185
Zinc	EPA 200.8	TX	rev 5.4	ICP-MS	10014605	1190
Zinc	EPA 200.7	TX	rev 4.4	ICP-AES	10013806	1190
1,1,1,2-Tetrachloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5105
1,1,1-Trichloroethane	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5160
1,1,2,2-Tetrachloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5110
1,1,2-Trichloroethane	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5165
1,1-Dichloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4630
1,1-Dichloroethylene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4640
1,1-Dichloropropene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4670
1,2,3-Trichlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5150
1,2,3-Trichloropropane	EPA 504.1	LA	rev 1.1	GC-ECD	10082801	5180

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1,2,3-Trichloropropane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5180
1,2,4-Trichlorobenzene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5155
1,2,4-Trimethylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5210
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	TX	rev 1.1	GC-ECD	10082801	4570
1,2-Dibromoethane (EDB)	EPA 504.1	TX	rev 1.1	GC-ECD	10082801	4585
1,2-Dichlorobenzene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4610
1,2-Dichloroethane	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4635
1,2-Dichloropropane	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4655
1,3,5-Trimethylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5215
1,3-Dichlorobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4615
1,3-Dichloropropane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4660
1,4-Dichlorobenzene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4620
2,2-Dichloropropane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4665
2,4-D	EPA 515.1	TX	rev 4.0	GC-ECD	10087408	8545
2-Chlorotoluene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4535
3-Hydroxycarbofuran	EPA 531.1	LA	rev 3.1	HPLC-FLUOR	10091006	7710
4-Chlorotoluene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4540
4-Isopropyltoluene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4910
Alachlor	EPA 525.2	TX	rev 2.0	GC-MS	10090003	7005
Aldicarb	EPA 531.1	TX	rev 3.1	HPLC-FLUOR	10091006	7010
Aldicarb Sulfoxide	EPA 531.1	TX	rev 3.1	HPLC-FLUOR	10091006	7020
Aldrin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7025

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Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Atrazine	EPA 525.2	TX	rev 2.0	GC-MS	10090003	7065
Benzene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4375
Benzo(a)pyrene (PAHs)	EPA 525.2	TX	rev 2.0	GC-MS	10090003	5580
Bis(2-ethylhexyl) phthalate	EPA 525.2	TX	rev 2.0	GC-MS	10090003	6065
Bromoacetic Acid	EPA 552.2	TX	rev 1.0	GC-ECD	10095804	9312
Bromobenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4385
Bromochloroacetic Acid	EPA 552.2	TX	rev 1.0	GC-ECD	10095804	9315
Bromochloromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4390
Bromodichloromethane	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4395
Bromoform	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4400
Butachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7160
Butyl benzyl phthalate	EPA 525.2	LA	rev 2.0	GC-MS	10090003	5670
Carbaryl	EPA 531.1	LA	rev 3.1	HPLC-FLUOR	10091006	7195
Carbofuran	EPA 531.1	TX	rev 3.1	HPLC-FLUOR	10091006	7205
Carbon Tetrachloride	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4455
Chlordane (tech.)	EPA 508	TX	rev 3.1	GC-ECD	10085208	7250
Chloroacetic Acid	EPA 552.2	TX	rev 1.0	GC-ECD	10095804	9336
Chlorobenzene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4475
Chloroethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4485
Chloroform	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4505
cis-1,2-Dichloroethylene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4645
cis-1,3-Dichloropropene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4680

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Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Dalapon	EPA 515.1	TX	rev 4.0	GC-ECD	10087408	8555
Di(2-ethylhexyl) adipate	EPA 525.2	TX	rev 1.0	GC-MS	10090003	6062
Dibromoacetic Acid	EPA 552.2	TX	rev 1.0	GC-ECD	10095804	9357
Dibromochloromethane	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4575
Dibromomethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4595
Dicamba	EPA 515.1	LA	rev 4.0	GC-ECD	10087408	8595
Dichloroacetic Acid	EPA 552.2	TX	rev 1.0	GC-ECD	10095804	9360
Dichlorodifluoromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4625
Dichloromethane	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4975
Dieldrin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7470
Diethyl phthalate	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6070
Dimethyl phthalate	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6135
Di-n-butyl phthalate	EPA 525.2	LA	rev 2.0	GC-MS	10090003	5925
Dinoseb	EPA 515.1	TX	rev 4.0	GC-ECD	10087408	8620
Ethylbenzene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4765
Fluorene	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6270
gamma-BHC (Lindane)	EPA 525.2	TX	rev 2.0	GC-MS	10090003	7120
Glyphosate	EPA 547	TX	1990	HPLC-FLUOR	10092009	9411
Heptachlor	EPA 525.2	TX	rev 2.0	GC-MS	10090003	7685
Heptachlor Epoxide	EPA 525.2	TX	rev 2.0	GC-MS	10090003	7690
Hexachlorobenzene	EPA 525.2	TX	rev 2.0	GC-MS	10090003	6275
Hexachlorobutadiene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4835

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Hexachlorocyclopentadiene	EPA 525.2	TX	rev 2.0	GC-MS	10090003	6285
Indeno(1,2,3-cd)pyrene	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6315
Isopropylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4900
Methiocarb	EPA 531.1	LA	rev 3.1	HPLC-FLUOR	10091006	7800
Methomyl	EPA 531.1	LA	rev 3.1	HPLC-FLUOR	10091006	7805
Methoxychlor	EPA 525.2	TX	rev 2.0	GC-MS	10090003	7810
Methyl Bromide (Bromomethane)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4950
Methyl Chloride (Chloromethane)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4960
Methyl tert-butyl Ether (MTBE)	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5000
Metolachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7835
Metribuzin	EPA 525.2	LA	rev 2.0	GC-MS	10090003	7845
Naphthalene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5005
n-Butylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4435
n-Propylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5090
Oxamyl	EPA 531.1	TX	rev 3.1	HPLC-FLUOR	10091006	7940
Pentachlorophenol	EPA 515.1	TX	rev 4.0	GC-ECD	10087408	6605
Picloram	EPA 515.1	TX	rev 4.0	GC-ECD	10087408	8645
Propachlor	EPA 525.2	LA	rev 2.0	GC-MS	10090003	8045
Pyrene	EPA 525.2	LA	rev 2.0	GC-MS	10090003	6665
sec-Butylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4440
Silvex (2,4,5-TP)	EPA 515.1	TX	rev 4.0	GC-ECD	10087408	8650

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Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Simazine	EPA 525.2	TX	rev 2.0	GC-MS	10090003	8125
Styrene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5100
tert-Butylbenzene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4445
Tetrachloroethylene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5115
Toluene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5140
Total Haloacetic Acids (HAA5)	EPA 552.2	TX	rev 1.0	GC-ECD	10095804	9414
Total Trihalomethanes (THMs)	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5205
Toxaphene	EPA 508	TX	rev 3.1	GC-ECD	10085208	8250
trans-1,2-Dichloroethylene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	4700
trans-1,3-Dichloropropene	EPA 524.2	LA	rev 4.1	GC-MS	10088809	4685
Trichloroethylene	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5170
Trichlorofluoromethane	EPA 524.2	LA	rev 4.1	GC-MS	10088809	5175
Vinyl Chloride	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5235
Xylenes (total)	EPA 524.2	TX	rev 4.1	GC-MS	10088809	5260

**The State of Texas is the primary TNI Accreditation Body for most analytes for Ana-Lab Corporation. The Louisiana Department of Health is a secondary Accreditation Body for this laboratory. For a list of additional parameters, refer to the Texas Commission on Environmental Quality.**