



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

27 SEP 2018

Daniel Ferguson, M.D.
Director
Public Health Laboratory
Louisiana Department of Health
Office of Public Health Laboratory Services
1209 Leesville Avenue
Baton Rouge, LA 70802

Dear Dr. Ferguson:

The Environmental Protection Agency conducted an on-site Drinking Water Audit of the Louisiana Department of Health Laboratory June 18-22, 2018. Your response to our audit report was received September 1, 2018. Louisiana Department of Health successfully completed the requirements for certification. Based upon the successful completion of the criteria for Drinking Water certification, the Louisiana Department of Health is hereby granted certification for chemistry and microbiology parameters in drinking water listed on the attached Scope of Certification.

This certification is valid for a period of three years (October 16, 2018-October 16, 2021), unless withdrawn at an earlier time. The requirements for maintaining your certification as outlined in the Manual for the Certification of Laboratories Analyzing Drinking Water (EPA 815-R-004, January 2005) are: (1) satisfactorily analyzing a proficiency testing sample annually; (2) using methodologies sanctioned by the drinking water regulations or otherwise approved by U.S. EPA; (3) notifying the certifying authority within 30 days of major changes in personnel, equipment or location; and (4) undergoing a satisfactory on-site evaluation. Region 6 will continue to perform periodic evaluations of your quality assurance program and will provide technical assistance as necessary.

Should you have any questions, please contact Marvelyn Humphrey at 281-983-2140, or Ray Clark, Drinking Water Certification Coordinator at 281-983-2164.

Sincerely,

A handwritten signature in black ink that reads "James McDonald".

James McDonald
Assistant Regional Administrator
for Management Division

Enclosures
Scope of Certification
Certificate



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

is certifying that

Louisiana Department of Health

1209 Leesville Ave

Baton Rouge, LA 70802

has met the requirements for certification under the Safe Drinking Water Act listed in 40 CFR 141.21-141.28 and the Manual for the Certification of Laboratories Analyzing Drinking Water (EPA 815-R-05-004, January 2005), and is hereby certified to conduct analysis of drinking water samples for chemistry and microbiology as specified in the Scope of Certification.

Effective Date: 10/16/2018

Expiration Date: 10/16/2021

Certificate Number: 141002-2018



James McDonald

Assistant Regional Administrator
for Management

This certificate and all attachments are the property of the USEPA Region 6 and must be surrendered within seven days if the laboratory is decertified in whole or in part or withdraws voluntarily from certification. Continued certification status is contingent on successful ongoing participation in the program.

USEPA DW Certification for Louisiana Department of Health

Certificate Number: 141002-2018 Effective Date: 10/16/2018 Expiration Date: 10/16/2021

SCOPE BY CONTAMINANT/METHOD

Analyte	Method	LDH MDL (mg/L)	MCL (mg/L)	Performance Evaluation Sample			Cert Status Grab Samples
				Method	Result	Study	
Dibromochloropropane (DBCP)	EPA 504.1	0.0000031	0.0002	EPA 504.1	acc	WS291	C
Ethylene dibromide (EDB)	EPA 504.1	0.0000067	0.00005	EPA 504.1	acc	WS291	C
Alachlor	EPA 505	0.0000529	0.0005	EPA 505	acc	WS258	C
Chlorodane (technical)	EPA 505	0.0008017	0.002	EPA 505	acc	WS258	C
Endrin	EPA 505	0.0000061	0.002	EPA 505	acc	WS258	C
Heptachlor	EPA 505	0.0000293	0.0004	EPA 505	acc	WS258	C
Heptachlor Epoxide	EPA 505	0.0000127	0.0002	EPA 505	acc	120117R	C
Hexachlorobenzene	EPA 505	0.0000752	0.001	EPA 505	acc	WS258	C
Hexachlorocyclopentadiene	EPA 505	0.0000575	0.05	EPA 505	acc	WS258	C
Lindane	EPA 505	0.0000186	0.0002	EPA 505	acc	WS258	C
Methoxychlor	EPA 505	0.0000233	0.04	EPA 505	acc	091517B	C
Toxaphene	EPA 505	0.00043	0.003	EPA 505	acc	WS258	C
PCBs Arochlor Identity	EPA 505	0.000127	0.0005	EPA 505	acc	WS258	C
2,4-D	EPA 515.4	0.000081	0.07	EPA 515.4	acc	WS258	C
2,4,5-TP (silvex)	EPA 515.4	0.0000304	0.05	EPA 515.4	acc	WS258	C
Dalapon	EPA 515.4	0.0000854	0.2	EPA 515.4	acc	WS258	C
Dinoseb	EPA 515.4	0.0001386	0.007	EPA 515.4	acc	WS258	C
Pentachlorophenol	EPA 515.4	0.0000029	0.001	EPA 515.4	acc	WS258	C
Picloram	EPA 515.4	0.0000361	0.5	EPA 515.4	acc	WS258	C
Bromodichloromethane	EPA 524.2	0.000124	n/a	EPA 524.2	acc	WS258	C
Bromoform	EPA 524.2	0.000245	n/a	EPA 524.2	acc	WS258	C
Chloroform	EPA 524.2	0.000198	n/a	EPA 524.2	acc	WS258	C
Dibromochloromethane	EPA 524.2	0.000166	n/a	EPA 524.2	acc	WS258	C
Total THMs	EPA 524.2	n/a	0.0008	EPA 524.2	acc	WS258	C

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SCOPE BY CONTAMINANT/METHOD

Analyte	Method	LDH MDL (mg/L)	MCL (mg/L)	Performance Evaluation Sample			Cert Status Grab Samples
				Method	Result	Study	
Benzene	EPA 524.2	0.0001538	0.005	EPA 524.2	acc	WS258	C
Carbon Tetrachloride	EPA 524.2	0.0001969	0.005	EPA 524.2	acc	WS258	C
Chlorobenzene	EPA 524.2	0.0001321	0.1	EPA 524.2	acc	WS258	C
1,2-Dichlorobenzene (o)	EPA 524.2	0.0001188	0.6	EPA 524.2	acc	WS258	C
1,4-Dichlorobenzene (p)	EPA 524.2	0.000173	0.075	EPA 524.2	acc	WS258	C
1,2-Dichloroethane	EPA 524.2	0.0001307	0.005	EPA 524.2	acc	WS258	C
1,1-Dichloroethylene	EPA 524.2	0.000209	0.007	EPA 524.2	acc	WS258	C
Cis-1,2-Dichloroethylene	EPA 524.2	0.000107	0.07	EPA 524.2	acc	WS258	C
Trans-1,2-Dichloroethylene	EPA 524.2	0.0001711	0.1	EPA 524.2	acc	WS258	C
Dichloromethane	EPA 524.2	0.0001268	0.005	EPA 524.2	acc	WS258	C
1,2-Dichloropropane	EPA 524.2	0.0001382	0.005	EPA 524.2	acc	WS258	C
Ethylbenzene	EPA 524.2	0.0001292	0.7	EPA 524.2	acc	WS258	C
Styrene	EPA 524.2	0.0001294	0.1	EPA 524.2	acc	WS258	C
Tetrachloroethylene	EPA 524.2	0.0001597	0.005	EPA 524.2	acc	WS258	C
Toluene	EPA 524.2	0.0001017	1	EPA 524.2	acc	WS258	C
1,2,4-Trichlorobenzene	EPA 524.2	0.0001652	0.07	EPA 524.2	acc	WS258	C
1,1,1-Trichloroethane	EPA 524.2	0.0001375	0.2	EPA 524.2	acc	WS258	C
1,1,2 Trichloroethane	EPA 524.2	0.0001952	0.005	EPA 524.2	acc	WS258	C
Trichloroethylene	EPA 524.2	0.0001828	0.005	EPA 524.2	acc	WS258	C
Vinyl chloride	EPA 524.2	0.0001526	0.002	EPA 524.2	acc	WS258	C
Xylenes, total	EPA 524.2	0.0003147	10	EPA 524.2	acc	WS258	C

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SCOPE BY CONTAMINANT/METHOD

Analyte	Method	LDH MDL (mg/L)	MCL (mg/L)	Performance Evaluation Sample			Cert Status Grab Samples
				Method	Result	Study	
Aldicarb	EPA 531.2	0.0003965	n/a	EPA 531.2	acc	WS258	C
Aldicarb sulfone	EPA 531.2	0.0003625	n/a	EPA 531.2	acc	WS258	C
Aldicarb sulfoxide	EPA 531.2	0.0004127	n/a	EPA 531.2	acc	WS258	C
Carbofuran	EPA 531.2	0.0008124	0.04	EPA 531.2	acc	WS258	C
Oxamyl (Vydate)	EPA 531.2	0.0008618	0.2	EPA 531.2	acc	WS258	C
Glyphosate	EPA 547	0.004537	0.7	EPA 547	acc	WS258	C
Endothall	EPA 548.1	0.002692	0.1	EPA 548.1	acc	WS263	C
Diquat	EPA 549.2	0.008618	0.02	EPA 549.2	acc	WS258	C
Monochloroacetic acid	EPA 552.3	0.0004557	n/a	EPA 552.3	acc	WS258	C
Dichloroacetic acid	EPA 552.3	0.0004892	n/a	EPA 552.3	acc	WS258	C
Trichloroacetic acid	EPA 552.3	0.0081647	n/a	EPA 552.3	acc	WS258	C
Monobromoacetic acid	EPA 552.3	0.0003934	n/a	EPA 552.3	acc	WS258	C
Dibromoacetic acid	EPA 552.3	0.0001693	n/a	EPA 552.3	acc	WS258	C
HAA5 Total	EPA 552.3	n/a	0.06	EPA 552.3	acc	WS258	C
Aluminum	EPA 200.7	0.0273	n/a	EPA 200.7	acc	WS258	C
Calcium	EPA 200.7	0.0224	2.0	EPA 200.7	acc	WS258	C
Iron	EPA 200.7	0.0093	0.3	EPA 200.7	acc	WS258	C
Magnesium	EPA 200.7	0.0065	n/a	EPA 200.7	acc	WS258	C
Potassium	EPA 200.7	0.0277	n/a	EPA 200.7	acc	WS258	C
Silver	EPA 200.7	0.0116	0.3	EPA 200.7	acc	WS258	C
Sodium	EPA 200.7	0.0264	20	EPA 200.7	acc	WS258	C
Zinc	EPA 200.7	0.012	5	EPA 200.7	acc	WS258	C

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				Method	Result	Study	
Antimony	EPA 200.8	0.00018	0.006	EPA 200.8	acc	WS258	C
Arsenic	EPA 200.8	0.00019	0.01	EPA 200.8	acc	WS258	C
Barium	EPA 200.8	0.00009	2.0	EPA 200.8	acc	WS258	C
Beryllium	EPA 200.8	0.00019	0.004	EPA 200.8	acc	WS258	C
Cadmium	EPA 200.8	0.00018	0.005	EPA 200.8	acc	WS258	C
Chromium	EPA 200.8	0.00016	0.1	EPA 200.8	acc	WS258	C
Copper	EPA 200.8	0.00098	1.3	EPA 200.8	acc	WS258	C
Lead	EPA 200.8	0.00014	0.015	EPA 200.8	acc	WS258	C
Mercury	EPA 200.8	0.000975	0.002	EPA 200.8	acc	WS258	C
Nickel	EPA 200.8	0.0001	n/a	EPA 200.8	acc	WS258	C
Selenium	EPA 200.8	0.00074	0.002	EPA 200.8	acc	WS258	C
Thallium	EPA 200.8	0.00015	0.002	EPA 200.8	acc	WS258	C
Uranium	EPA 200.8	0.00015	0.03	EPA 200.8	acc	RAD112	C
					acc		
Mercury	EPA 245.2	0.0001137	0.002	EPA 245.2	acc	WS261	C
					acc		
Chloride	EPA 300.0	0.16	n/a	EPA 300.0	acc	WS258	C
Fluoride	EPA 300.0	0.0062	4	EPA 300.0	acc	WS258	C
Orthophosphate	EPA 300.0	0.004	n/a	EPA 300.0	acc	WS258	C
Sulfate	EPA 300.0	0.0742	n/a	EPA 300.0	acc	WS258	C
Nitrate as N	EPA 300.0	0.0164	10	EPA 300.0	acc	WS258	C
Nitrite as N	EPA 300.0	0.0039	1	EPA 300.0	acc	WS258	C
Nitrate + Nitrite as N	EPA 300.0	0.00164	10	EPA 300.0	acc	WS258	C

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				Method	Result	Study	
Bromate	EPA 300.1	0.0004873	n/a	EPA 300.1	acc	WS258	C
Bromide	EPA 300.1	0.010163	4	EPA 300.1	acc	WS258	C
Chlorate	EPA 300.1	0.005052	n/a	EPA 300.1	acc	WS258	C
Chlorite	EPA 300.1	0.0028534	1	EPA 300.1	acc	WS258	C
					acc		
Cyanide	EPA 335.4	0.002639	0.2	EPA 335.4	acc	WS258	C

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SCOPE BY CONTAMINANT/METHOD

Analyte	Method	Performance Evaluation Sample			Certification Status
		Method	Result	Study	
Total coliform (Presence/Absence)	SM 9221F-MTF SM 9223B-MMO-MUG (Colilert P/A) SM 9223B-Colilert Quantitray/10-tube MPN (Enumeration)	SM 9221B SM 9223B	acc	WSM0218	C
Escherichia coli (Presence Absence)	SM 9221F-MTF SM 9223B-MMO-MUG (Colilert P/A) SM 9223B-Colilert Quantitray/10-tube MPN (Enumeration)	SM 9221F SM 9223B	acc	WSM0218	C
Heterotrophic Plate Count	SM 9215B	SM9215B	acc	WSM0218	C

KEY: Cert - Certification Status

nacc - lab result unacceptable

P - provisionally certified

NC - not certified

acc - lab result within acceptance limits

C - certified

MCL - maximum contaminant level

MTF - multiple tube fermentation

SM - Standard Methods For the Examination
of Water & Wastewater, 18th or 19 Ed., 1995

MDL - method detection limit

MCLG - maximum contaminant level goal

L - liter

I - interim certified

n/a - not applicable