UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

OCT 06 2015

Stephen J. Martin, Ph.D.
Director
Public Health Laboratory
Louisiana Department of Health & Hospitals
Office of Public Health Laboratory Services
1209 Leesville Avenue
Baton Rouge, LA 70802

Dear Dr. Martin:

The Environmental Protection Agency conducted an on-site Drinking Water Audit of the Louisiana Department of Health & Hospitals Laboratory on July 6-10, 2015. Your response to our audit report was received September 25, 2015. Louisiana Department of Health & Hospitals successfully completed the requirements for certification. Based upon the successful completion of the criteria for Drinking Water certification, the Louisiana Department of Health & Hospitals 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~~This certification is valid for a period of three years (October 16, 2015 – October 16, 2018) unless~~ withdrawn at an earlier time.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-05-004, 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,

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 & Hospitals

1209 Leesville Avenue

Baton Rouge, Louisiana 70802

has met the requirements for certification under the Safe Drinking Water Act listed in 40 CFR 141.1 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: 10/16/2015

Expiration Date: 10/16/2018

Certificate Number: 141002-2015

James McDonald

James McDonald

Assistant Regional Administrator

for Management

USEPA DW Certification for Louisiana Department of Health and Hospitals

Certificate Number: 141002-2015 Effective Date: 10/16/2015 Expiration Date: 10/16/2018

SCOPE OF CERTIFICATION

Analyte	Method	LDHH MDL (mg/L)	MCL (mg/L)	MCL - composite (mg/L)	Performance Evaluation Sample			Cert Status Laboratory Composited Samples	Cert Status Grab Samples
					Method	Result	Study		
Ethylene Dibromide (EDB)	EPA 504.1	0.0000054	0.00005	na	EPA 504.1	acc	040815F	na	C
Dibromochloropropane (DBCP)	EPA 504.1	0.0000074	0.0002	na	EPA 504.1	acc	040815F	na	C
Alachlor 1254	EPA 505	0.0002719	0.0005	na	EPA 505	acc	0.42715L	na	C
Alachlor 1254 Identity	EPA 505	na	na	na	EPA 505	acc	0.42715L	na	C
Chlordane (technical)	EPA 505	0.0002413	0.002	na	EPA 505	acc	0.42715L	na	C
Endrin	EPA 505	0.0000082	0.002	na	EPA 505	acc	0.42715L	na	C
Heptachlor	EPA 505	0.0000241	0.0004	na	EPA 505	acc	0.42715L	na	C
Heptachlor Epoxide	EPA 505	0.0000146	0.0002	na	EPA 505	acc	0.42715L	na	C
Hexachlorobenzene	EPA 505	0.0000394	0.001	na	EPA 505	acc	0.42715L	na	C
Hexachlorocyclopentadiene	EPA 505	0.0000159	0.05	na	EPA 505	acc	0.42715L	na	C
Lindane	EPA 505	0.0000124	0.0002	na	EPA 505	acc	0.42715L	na	C
Methoxychlor	EPA 505	0.0000456	0.04	na	EPA 505	acc	0.42715L	na	C
Toxaphene	EPA 505	0.0005011	0.003	na	EPA 505	acc	0.42715L	na	C
2,4-D	EPA 515.4	0.0000774	0.07	0.0001	EPA 515.4	acc	040815F	C	C
2,4,5-TP (silvex)	EPA 515.4	0.0000217	0.05	0.0002	EPA 515.4	acc	040815F	C	C
Dalapon	EPA 515.4	0.0001025	0.2	0.001	EPA 515.4	acc	040815F	C	C
Dinoseb	EPA 515.4	0.0001047	0.007	0.0002	EPA 515.4	acc	040815F	C	C
Pentachlorophenol	EPA 515.4	0.0000061	0.001	0.00004	EPA 515.4	acc	040815F	C	C
Picloram	EPA 515.4	0.0000726	0.5	0.0001	EPA 515.4	acc	040815F	C	C
Total THMs	EPA 524.2	0.0005121	0.080	na	EPA 524.2	na	0.42715L	na	C
Bromodichloromethane	EPA 524.2	0.0001358	na	na	EPA 524.2	acc	0.42715L	na	C
Bromoform	EPA 524.2	0.000212	na	na	EPA 524.2	acc	0.42715L	na	C
Chlorodibromomethane	EPA 524.2	0.000228	na	na	EPA 524.2	acc	0.42715L	na	C
Chloroform	EPA 524.2	0.0001182	na	na	EPA 524.2	acc	0.42715L	na	C
Benzene	EPA 524.2	0.0001202	0.005	na	EPA 524.2	acc	031015C	na	C
Carbon tetrachloride	EPA 524.2	0.0001008	0.005	na	EPA 524.2	acc	031015C	na	C
Chlorobenzene	EPA 524.2	0.0001697	0.1	na	EPA 524.2	acc	031015C	na	C
1,4-Dichlorobenzene (p)	EPA 524.2	0.000164	0.075	na	EPA 524.2	acc	031015C	na	C
1,2-Dichlorobenzene (o)	EPA 524.2	0.000168	0.6	na	EPA 524.2	acc	031015C	na	C
1,2-Dichloroethane	EPA 524.2	0.0002053	0.005	na	EPA 524.2	acc	031015C	na	C
1,1-Dichloroethylene	EPA 524.2	0.0001579	0.007	na	EPA 524.2	acc	031015C	na	C
c-1,2-Dichloroethylene	EPA 524.2	0.0001711	0.07	na	EPA 524.2	acc	031015C	na	C
Trans-1,2-Dichloroethylene	EPA 524.2	0.0001866	0.1	na	EPA 524.2	acc	031015C	na	C
Dichloromethane	EPA 524.2	0.0001769	0.005	na	EPA 524.2	acc	031015C	na	C
1,2-Dichloropropane	EPA 524.2	0.0001786	0.005	na	EPA 524.2	acc	031015C	na	C

USEPA DW Certification for Louisiana Department of Health and Hospitals

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Ethylbenzene	EPA 524.2	0.0001119	0.7	na	EPA 524.2	acc	031015C	na	C
Styrene	EPA 524.2	0.0001611	0.1	na	EPA 524.2	acc	031015C	na	C
Tetrachloroethylene	EPA 524.2	0.0001813	0.005	na	EPA 524.2	acc	031015C	na	C
Toluene	EPA 524.2	0.0001131	1.0	na	EPA 524.2	acc	050415G	na	C
1,2,4-Trichlorobenzene	EPA 524.2	0.0001488	0.07	na	EPA 524.2	acc	031015C	na	C
1,1,1-Trichloroethane	EPA 524.2	0.0001267	0.2	na	EPA 524.2	acc	031015C	na	C
1,1,2 Trichloroethane	EPA 524.2	0.0002153	0.005	na	EPA 524.2	acc	031015C	na	C
Trichloroethylene	EPA 524.2	0.0001482	0.005	na	EPA 524.2	acc	031015C	na	C
Vinyl chloride	EPA 524.2	0.0002135	0.002	na	EPA 524.2	acc	031015C	na	C
Xylenes (total)	EPA 524.2	0.0003962	10	na	EPA 524.2	acc	031015C	na	C
Aldicarb	EPA 531.1	0.0003996	0.003	0.0005	EPA 531.1	acc	032015D	C	C
Aldicarb sulfone	EPA 531.1	0.0004593	0.002	0.0001	EPA 531.1	acc	032015D	C	C
Aldicarb sulfoxide	EPA 531.1	0.0003749	0.004	0.0008	EPA 531.1	acc	032015D	C	C
Carbofuran	EPA 531.1	0.0006983	0.04	0.0009	EPA 531.1	acc	032015D	C	C
Oxamyl (vydate)	EPA 531.1	0.0004649	0.02	0.002	EPA 531.1	acc	032015D	C	C
Glyphosate	EPA 547	0.0039549	0.7	0.006	EPA 547	acc	032015D	C	C
Endothall	EPA 548.1	0.0013781	0.1	0.009	EPA 548.1	acc	041315I	C	C
Diquat	EPA 549.2	0.000332	0.02	0.0004	EPA 549.2	acc	032015D	C	C
Haloacetic acid 5 (total)	EPA 552.2	na	0.06	na	EPA 552.2	acc	061515N	na	C
Dibromoacetic acid	EPA 552.2	0.0004597	na	na	EPA 552.2	acc	061515N	na	C
Dichloroacetic acid	EPA 552.2	0.0003492	na	na	EPA 552.2	acc	061515N	na	C
Bromoacetic acid	EPA 552.2	0.0004946	na	na	EPA 552.2	acc	061515N	na	C
Chloroacetic acid	EPA 552.2	0.0003011	na	na	EPA 552.2	acc	061515N	na	C
Trichloroacetic acid	EPA 552.2	0.0004991	na	na	EPA 552.2	acc	061515N	na	C
Cyanide	EPA 335.4	0.0013505	0.2	0.04	EPA 335.4	acc	031015C	na	C
Chloride	EPA 300.0	0.3671	na	na	EPA 300.0	acc	031015C	na	C
Fluoride	EPA 300.0	0.0459	4	na	EPA 300.0	acc	031015C	na	C
Orthophosphate	EPA 300.0	0.542	na	na	EPA 300.0	acc	032015D	na	C
Sulfate	EPA 300.0	0.03636	na	na	EPA 300.0	acc	031015C	na	C
Nitrate as N	EPA 300.0	0.0444	10	na	EPA 300.0	acc	031015C	na	C
Nitrite as N	EPA 300.0	0.0327	1.0	na	EPA 300.0	acc	040815F	na	C
Nitrate+ Nitrite as N	EPA 300.0	0.0444	10	na	EPA 300.0	acc	031015C	na	C
Bromate	EPA 300.1	0.0004589	0.01	na	EPA 300.1	acc	042715L	na	C
Bromide	EPA 300.1	0.0019146	na	na	EPA 300.1	acc	042715L	na	C
Chlorate	EPA 300.1	0.0049377	na	na	EPA 300.1	acc	042715L	na	C

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					Method	Result	Study		
Chlorite	EPA 300.1	0.0032377	1.0	na	EPA 300.1	acc	042715L	na	C
Aluminum	EPA 200.7	0.1382	na	na	EPA 200.7	acc	031015C	na	C
Calcium	EPA 200.7	0.00988	2.0	na	EPA 200.7	acc	031015C	na	C
Iron	EPA 200.7	0.0776	0.3	na	EPA 200.7	acc	031015I	na	C
Manganese	EPA 200.7	0.0854	0.05	na	EPA 200.7	acc	031015C	na	C
Potassium	EPA 200.7	0.1245	na	na	EPA 200.7	acc	031015C	na	C
Silver	EPA 200.7	0.103	0.1	na	EPA 200.7	acc	031015C	na	C
Sodium	EPA 200.7	0.2312	20	na	EPA 200.7	acc	031015C	na	C
Zinc	EPA 200.7	0.0948	5	na	EPA 200.7	acc	041315I	na	C
Antimony	EPA 200.8	0.0002272	0.006	na	EPA 200.8	acc	031015C	na	C
Arsenic	EPA 200.8	0.0002052	0.01	na	EPA 200.8	acc	031015C	na	C
Barium	EPA 200.8	0.0002676	2.0	na	EPA 200.8	acc	031015C	na	C
Beryllium	EPA 200.8	0.0002869	0.004	na	EPA 200.8	acc	031015C	na	C
Cadmium	EPA 200.8	0.0001944	0.005	na	EPA 200.8	acc	031015C	na	C
Chromium	EPA 200.8	0.0003028	0.1	na	EPA 200.8	acc	031015C	na	C
Copper	EPA 200.8	0.0003929	1.3	na	EPA 200.8	acc	031015C	na	C
Lead	EPA 200.8	0.0004342	0.015	na	EPA 200.8	acc	041315I	na	C
Mercury	EPA 200.8	0.0003948	0.002	na	EPA 200.8	acc	031015C	na	C
Nickel	EPA 200.8	0.0002213	na	na	EPA 200.8	acc	031015C	na	C
Selenium	EPA 200.8	0.0012685	0.05	na	EPA 200.8	acc	031015C	na	C
Thallium	EPA 200.8	0.0002052	0.002	na	EPA 200.8	acc	031015C	na	C
Uranium	EPA 200.8	0.0001876	0.03	na	EPA 200.8	acc	041315B	na	C

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SCOPE OF CERTIFICATION

Analyte	Method			PE Results				Certification Status
				Method	Result	Study		
Total coliform	SM 9221B-MTF SM 9223B-MMO-MUG (Colilert P/A) SM 9223B-Colilert Quantitray/10-tube MPN (Enumeration)			SM 9221B SM 9223B	acc	R14911		C
Fecal Coliform	SM 9221E-MTF			SM 9221E	acc	R14911		C
Escherichia coli	SM 9221F-MTF SM 9223B-MMO-MUG (Colilert P/A) SM 9223B-Colilert Quantitray/10-tube MPN (Enumeration)			SM 9221F SM 9223B	acc	R14823		C
Heterotrophic Plate Count	SM 9215B Pour Plate			SM 9215B	acc	R14823		C

KEY: Cert - Certification Status; acc - lab result within acceptance limits; SM - Standard Methods For the Examination of Water & Wastewater, 19th or 20th Ed.; na - not applicable
nacc - lab result unacceptable; C - certified; L - liter
P - provisionally certified; MCL - maximum contaminant level; MDL - method detection limit; I - interim certified
NC - not certified; MTF - multiple tube fermentation; MCLG - maximum contaminant level goal