UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
ENVIRONMENTAL SERVICES BRANCH
10625 FALLSTONE ROAD
HOUSTON, TX 77099-4303

December 16, 2020

Phillip Adams, Ph.D.
Chemistry Bureau Chief
Scientific Laboratory Division
New Mexico Department of Health
1101 Camino De Salud NE
Albuquerque, NM 87102

Dear Dr. Adams:

The U.S. Environmental Protection Agency conducted a drinking water audit of the New Mexico Department of Health Laboratory to determine if the laboratory meets criteria for certification under the Safe Drinking Water Act. The first phase of the audit was conducted on-site November 4-7, 2019 and covered microbiology and a partial list of chemistry and radiochemistry methods. In the second phase, a remote audit was conducted September 21-October 1, 2020 for the remaining chemistry and radiochemistry methods not covered during the on-site visit. Your responses to the on-site and remote audit reports were received June 9, 2020 and November 17, 2020, respectively. The New Mexico Department of Health successfully met the regulatory performance criteria for certification. Based upon this successful completion of the criteria for drinking water certification, the New Mexico Department of Health is granted certification for chemistry, microbiology and radiochemistry parameters in drinking water listed on the attached Scope of Certification.

The certification is valid for a period of three years (December 30, 2020 to December 30, 2023) unless withdrawn at an earlier time.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 if necessary.

Should you have any questions, please contact Marvelyn Humphrey at 281-983-2140.

Sincerely,

DAVID MCQUIDDY

Digitally signed by DAVID MCQUIDDY
Date: 2020.12.16 15:55:23 -06'00'

David W. McQuiddy
Director
Laboratory Services and
Applied Science Division

Enclosures
Scope of Certification
Certificate

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

is certifying that

New Mexico Department of Health

1101 Camino De Salud, NE

Albuquerque, New Mexico 87102

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, radiochemistry, and microbiology as specified in the Scope of Certification.

DAVID MCQUIDDY Digitally signed by DAVID MCQUIDDY
Date: 2020.12.16 15:56:50 -06'00'

Effective Date: 12/30/2020

Expiration Date: 12/30/2023

Certificate Number: 141001-2020

David W. McQuiddy, Director

Laboratory Services and

Applied Science Division

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 New Mexico Department of Health

Certificate Number: 141001-2020 for Chemistry, Radiochemistry and Microbiology
Effective Date: 12/30/2020 Expiration Date: 12/30/2023

SCOPE BY CONTAMINANT/METHOD

Analyte	Method	NM SLD MDL (mg/L)	MCL (mg/L)	Performance Evaluation Sample			Cert Status Grab Samples
				Method	Result	Study	
Dibromochloropropane (DBCP)	EPA 504.1	0.00002	0.0002	EPA 504.1	acc	WS290	C
Ethylene Dibromide (EDB)	EPA 504.1	0.000005	0.00005	EPA 504.1	acc	WS290	C
Aroclors Qualitative	EPA 508.1	na	0.0005	EPA 508.1	acc	WS288	C
Chlordane (technical)	EPA 508.1	0.000009	0.002	EPA 508.1	acc	WS290	C
Toxaphene	EPA 508.1	0.000036	0.003	EPA 508.1	acc	WS290	C
2,4-D	EPA 515.4	0.00021	0.07	EPA 515.4	acc	WS288	C
2,4,5-TP (silvex)	EPA 515.4	0.00013	0.05	EPA 515.4	acc	WS288	C
Dalapon	EPA 515.4	0.00038	0.2	EPA 515.4	acc	WS288	C
Dinoseb	EPA 515.4	0.00034	0.007	EPA 515.4	acc	WS288	C
Pentachlorophenol	EPA 515.4	0.000065	0.001	EPA 515.4	acc	WS288	C
Picloram	EPA 515.4	0.00021	0.5	EPA 515.4	acc	WS288	C
Benzene	EPA 524.2	0.0001	0.005	EPA 524.2	acc	WS290	C
Carbon tetrachloride	EPA 524.2	0.0004	0.005	EPA 524.2	acc	WS290	C
Chlorobenzene	EPA 524.2	0.0002	0.1	EPA 524.2	acc	WS290	C
1,2-Dichlorobenzene(o)	EPA 524.2	0.0002	0.6	EPA 524.2	acc	WS290	C
1.4-Dichlorobenzene(p)	EPA 524.2	0.0002	0.075	EPA 524.2	acc	WS290	C
1,2-Dichloroethane	EPA 524.2	0.0002	0.005	EPA 524.2	acc	WS290	C
1,1-Dichloroethylene	EPA 524.2	0.0002	0.007	EPA 524.2	acc	WS290	C
cis-1,2-Dichloroethylene	EPA 524.2	0.0001	0.07	EPA 524.2	acc	WS290	C
trans-1,2-Dichloroethylene	EPA 524.2	0.0001	0.1	EPA 524.2	acc	WS290	C
Dichloromethane	EPA 524.2	0.0005	0.005	EPA 524.2	acc	WS290	C
1,2-Dichloropropane	EPA 524.2	0.0001	0.005	EPA 524.2	acc	WS290	C
Ethylbenzene	EPA 524.2	0.0005	0.7	EPA 524.2	acc	WS290	C
Styrene	EPA 524.2	0.0005	0.1	EPA 524.2	acc	WS290	C

USEPA DW Certification for New Mexico Department of Health

Certificate Number: 141001-2020 for Chemistry, Radiochemistry and Microbiology
Effective Date: 12/30/2020 Expiration Date: 12/30/2023

SCOPE BY CONTAMINANT/METHOD

Analyte	Method	NM SLD MDL (mg/L)	MCL (mg/L)	Performance Evaluation Sample			Cert Status Grab Samples
				Method	Result	Study	
Tetrachloroethylene	EPA 524.2	0.0001	0.005	EPA 524.2	acc	WS290	C
Toluene	EPA 524.2	0.0005	1	EPA 524.2	acc	WS290	C
1,2,4-Trichlorobenzene	EPA 524.2	0.0002	0.07	EPA 524.2	acc	WS290	C
1,1,2 Trichloroethane	EPA 524.2	0.0001	0.005	EPA 524.2	acc	WS290	C
Trichloroethylene	EPA 524.2	0.0001	0.005	EPA 524.2	acc	WS290	C
Vinyl Chloride	EPA 524.2	0.0003	0.002	EPA 524.2	acc	WS290	C
Xylenes (total)	EPA 524.2	0.0005	10	EPA 524.2	acc	WS290	C
Bromodichloromethane	EPA 524.2	0.0001	na	EPA 524.2	acc	WS290	C
Bromoform	EPA 524.2	0.0001	na	EPA 524.2	acc	WS290	C
Chloroform	EPA 524.2	0.0001	na	EPA 524.2	acc	WS290	C
Dibromochloromethane	EPA 524.2	0.0001	na	EPA 524.2	acc	WS290	C
Total Trihalomethanes	EPA 524.2	0.0005	0.08	EPA 524.2	acc	WS290	C
Alachlor	EPA 525.2	0.000084	0.002	EPA 525.2	acc	WS280	C
Atrazine	EPA 525.2	0.0006	0.003	EPA 525.2	acc	WS280	C
Benzo (a) pyrene	EPA 525.2	0.000028	0.0002	EPA 525.2	acc	WS280	C
Di(2-ethylhexyl) adipate	EPA 525.2	0.000306	0.4	EPA 525.2	acc	WS280	C
Di(2-ethylhexyl) phthalate	EPA 525.2	0.000198	0.006	EPA 525.2	acc	WS280	C
Endrin	EPA 525.2	0.000017	0.002	EPA 525.2	acc	WS280	C
Heptachlor	EPA 525.2	0.000056	0.0004	EPA 525.2	acc	WS280	C
Heptachlor epoxide	EPA 525.2	0.000038	0.0002	EPA 525.2	acc	WS280	C
Hexachlorobenzene	EPA 525.2	0.000028	0.001	EPA 525.2	acc	WS280	C
Hexachlorocyclopentadiene	EPA 525.2	0.000021	0.05	EPA 525.2	acc	WS280	C
Lindane	EPA 525.2	0.00007	0.0002	EPA 525.2	acc	WS280	C
Methoxychlor	EPA 525.2	0.000082	0.04	EPA 525.2	acc	WS280	C
Simazine	EPA 525.2	0.000043	0.004	EPA 525.2	acc	WS280	C
Aldicarb	EPA 531.2	0.00056	na	EPA 531.2	acc	WS291	C
Aldicarb Sulfone	EPA 531.2	0.00105	na	EPA 531.2	acc	WS291	C

USEPA DW Certification for New Mexico Department of Health

Certificate Number: 141001-2020 for Chemistry, Radiochemistry and Microbiology
Effective Date: 12/30/2020 Expiration Date: 12/30/2023

SCOPE BY CONTAMINANT/METHOD

Analyte	Method	NM SLD MDL (mg/L)	MCL (mg/L)	Performance Evaluation Sample			Cert Status Grab Samples
				Method	Result	Study	
Aldicarb Sulfoxide	EPA 531.2	0.00099	na	EPA 531.2	acc	WS291	C
Carbofuran	EPA 531.2	0.00128	0.04	EPA 531.2	acc	WS291	C
Oxamyl (xydate)	EPA 531.2	0.00073	0.2	EPA 531.2	acc	WS291	C
Glyphosate	EPA 547	0.0041	0.7	EPA 547	acc	WS286	C
Endothall	EPA 548.1	0.0176	0.1	EPA 548.1	acc	WS286	C
Diquat	EPA 549.2	0.00082	0.02	EPA 549.2	acc	WS286	C
Monochloroacetic acid	EPA 552.2	0.0005	na	EPA 552.2	acc	WS291	C
Dichloroacetic acid	EPA 552.2	0.0005	na	EPA 552.2	acc	WS291	C
Trichloroacetic acid	EPA 552.2	0.0005	na	EPA 552.2	acc	WS291	C
Monobromoacetic acid	EPA 552.2	0.0005	na	EPA 552.2	acc	WS291	C
Dibromoacetic acid	EPA 552.2	0.0005	na	EPA 552.2	acc	WS291	C
HAA5 Total	EPA 552.2	0.0005	0.06	EPA 552.2	acc	WS291	C

USEPA DW Certification for New Mexico Department of Health

Certificate Number: 141001-2020 for Chemistry, Radiochemistry and Microbiology
Effective Date: 12/30/2020 Expiration Date: 12/30/2023

SCOPE BY CONTAMINANT/METHOD

Analyte	Method	NM SLD MDL (mg/L)	MCL (mg/L)	Performance Evaluation Sample			Cert Status Grab Samples
				Method	Result	Study	
Sodium	EPA 200.7	0.005614	20	EPA 200.7	acc	WS291	C
Aluminum	EPA 200.8	0.001264	0.05-0.2	EPA 200.8	acc	WS291	C
Antimony	EPA 200.8	0.000032	0.006	EPA 200.8	acc	WS291	C
Arsenic	EPA 200.8	0.000146	0.01	EPA 200.8	acc	WS291	C
Barium	EPA 200.8	0.000157	2	EPA 200.8	acc	WS291	C
Beryllium	EPA 200.8	0.000106	0.004	EPA 200.8	acc	WS291	C
Cadmium	EPA 200.8	0.000055	0.005	EPA 200.8	acc	WS291	C
Chromium	EPA 200.8	0.000067	0.1	EPA 200.8	acc	WS291	C
Copper	EPA 200.8	0.000267	1.3	EPA 200.8	acc	WS291	C
Lead	EPA 200.8	0.000028	0.015	EPA 200.8	acc	WS291	C
Manganese	EPA 200.8	0.000054	0.005	EPA 200.8	acc	WS291	C
Mercury	EPA 200.8	0.00000667	0.0002	EPA 200.8	acc	WS291	C
Molybdenum	EPA 200.8	0.000035	na	EPA 200.8	acc	WS291	C
Nickel	EPA 200.8	0.000138	na	EPA 200.8	acc	WS291	C
Selenium	EPA 2008	0.000375	0.005	EPA 200.8	acc	WS291	C
Silver	EPA 200.8	0.000009	0.1	EPA 200.8	acc	WS291	C
Thallium	EPA 200.8	0.000016	0.002	EPA 200.8	acc	WS291	C
Uranium	EPA 200.8	0.000009	0.03	EPA 200.8	acc	WS291	C
Vanadium	EPA 200.8	0.000038	na	EPA 200.8	acc	WS291	C
Zinc	EPA 200.8	0.0006	5	EPA 200.8	acc	WS291	C
Mercury	EPA 245.1	0.000014	0.0002	EPA 245.1	acc	WS291	C
Cyanide	EPA 335.4	0.00226	0.2	EPA 335.4	acc	WS286	C
Nitrate as (N)	EPA 353.2	0.00898	10	EPA 353.2	acc	WS286	C
Nitrate + Nitrite as (N)	EPA 353.2	0.00898	10	EPA 353.2	acc	WS286	C
Nitrite as (N)	EPA 353.2	0.00707	1	EPA 353.2	acc	WS289	C
Free Cyanide	SM 4500 CN-F	0.00245	0.2	SM 4500 CN-F	acc	WS286	C
Fluoride	SM 4500 F-C	0.0155	4	SM 4500 F-C	acc	WS286	C

USEPA DW Certification for New Mexico Department of Health

Certificate Number: 141001-2020 for Chemistry, Radiochemistry and Microbiology
Effective Date: 12/30/2020 Expiration Date: 12/30/2023

SCOPE BY CONTAMINANT/METHOD

Analyte	Method	Performance Evaluation Sample Method	Result	Study	Cert Status Grab Samples
Total coliform (Presence/Absence)	SM 9223B MMO-MUG + or -	SM 9223B	acc	WS288	C
Escherichia coli (Presence/Absence)	SM 9223B MMO-MUG + or -	SM 9223B	acc	WS288	C
Escherichia coli (Enumeration) Colilert Quantitray	SM 9223	SM 9223	acc	WS288	C
Total Coliforms (Enumeration) Colilert Quantitray	SM 9223	SM 9223	acc	WS288	C
Heterotrophic Plate Count HPC	SM 9215B	SM 9215B	acc	WS288	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
na - not applicable
Quit TM project 082307E

USEPA DW Certification for New Mexico Department of Health

Certificate Number: 141001-2020 for Chemistry, Radiochemistry and Microbiology
Effective Date: 12/30/2020 Expiration Date: 12/30/2023

SCOPE BY CONTAMINANT/METHOD

Analyte	Method	NM/SLD MDL	MCL	Required Detection Limits	PE/PT Result	Study	Cert Status
Gross Alpha Activity	EPA 900.0 Rev 1.0	acc	15 pCi/L	3 pCi/L	acc	RAD120	C
Gross Beta Activity	EPA 900.0 Rev 1.0	acc	50 pCi/L	4 pCi/L	acc	RAD120	C
Radium 226	EPA 903.1	acc	5 pCi/L	1 pCi/L	acc	RAD120	C
Radium 228	EPA 904.0	acc	5 pCi/L	1 pCi/L	acc	RAD120	C
Uranium	EPA 200.8	acc	30 ug/L	1 ug/L	acc	WS291	C
	HSL 300	acc	30 pCi/L	0.7 pCi/L	acc	RAD120	C
Barium-133	EPA 901.1(1)	acc	1520 pCi/L	152 pCi/L	acc	RAD120	C
Cesium-134	EPA 901.1(1)	acc	80 pCi/L	10 pCi/L	acc	RAD120	C
Cesium-137	EPA 901.1(1)	acc	200 pCi/L	20 pCi/L	acc	RAD120	C
Cobalt-60	EPA 901.1(1)	acc	100 pCi/L	10 pCi/L	acc	RAD120	C
Zinc-65	EPA 901.1(1)	acc	300 pCi/L	30 pCi/L	acc	RAD120	C

(1) - Prescribed Procedures for the Measurement of Radioactivity in Drinking Water, EPA 600/4-80-032. USEPA, August 1980.

KEY:
acc - lab result within acceptance limits
nacc - lab result unacceptable
PE - performance evaluation sample
mr - millirem
C - certified
PT - proficiency testing sample
NC - not certified
L - liter
pCi - picoCurie
I - interim certified
na - not applicable
P - provisionally certified