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**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Drinking Water Bureau

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JAMES C. KENNEY
Cabinet Secretary

JENNIFER J. PRUETT
Deputy Secretary

May 8, 2019

Celey Keene, QA Officer
Cardinal Laboratories (#NM00036)
101 East Marland
Hobbs, NM 88240-6640

RE: DWLCP Drinking Water Laboratory Certification

Ms. Keene,

The Drinking Water Laboratory Certification Program (DWLCP) has reviewed Cardinal Laboratories' application for New Mexico drinking water laboratory certification submitted March 9, 2019.

DWLCP accepts Cardinal Laboratories' primary Texas NELAP drinking water certification (#T104704398-18-11) for reciprocity drinking water certification in New Mexico. Cardinal Laboratories' New Mexico drinking water certification is valid for the list of methods and analytes in the attached laboratory scope of accreditation.

The attached NM certification to perform drinking water analysis in compliance with the Federal Safe Drinking Water Act (SDWA), pursuant to 40 CFR Part 141, and the New Mexico Environment Department (NMED) Drinking Water Bureau (DWB) Regulations for regulated contaminants is valid until April 30, 2020. It is Cardinal Laboratories' responsibility to reapply for certification renewal in a timely manner before expiration, to continue performing drinking water analyses for SDWA compliance in New Mexico. Cardinal Laboratories must advise the DWLCP of any major change in personnel, equipment, laboratory location, or accreditation by the State of Texas within 30 days of the change and continue to provide successful annual performance evaluation results to maintain certification. Additionally, Cardinal Laboratories must also maintain the ability to successfully upload results to NMED/DWB's database of record at time of upload, for any samples analyzed for Public Drinking Water Systems regulated by NMED/DWB.

The DWLCP reserves the ability to reject drinking water certification renewal requests for any lab that does not analyze compliance drinking water samples in New Mexico.

Feel free to contact me at (505) 222-9552 if you have any questions or concerns.

Sincerely,

Bethany Anderson
Lab Certification Officer
NMENV-DWBlabcert@state.nm.us

New Mexico Environment Department

Drinking Water Laboratory Certification Program

under Primacy Agreement with the United States Environmental Protection Agency, pursuant to the Safe Drinking Water Act Regulations, 40 CFR, Part 141 certifies that

Cardinal Laboratories (Lab #NM000036)

101 East Marland Hobbs, NM 88240

is in compliance with the criteria and procedures of the NM Drinking Water Laboratory Certification Program to analyze and report SDWA compliance data in New Mexico. The laboratory may perform EPA approved analyses for NM public water systems for the contaminants listed in the attached laboratory scope of accreditation.

Certification Effective: May 1, 2019 – April 30, 2020



Kevin Cook, Certification Authority

NMED Drinking Water Laboratory Certification Program



Cardinal Laboratories (Lab #NM000036) 101 East Marland Hobbs, NM 88240		LABORATORY SCOPE OF ACCREDITATION FOR DRINKING WATER CERTIFICATION IN NEW MEXICO			
SDWIS CODE - Drinking Water Analytes	METHOD(S)	Type of Certification	Effective Date	Expiration Date	
INORGANICS					
Heavy Metals Group (HM)					
1074 - ANTIMONY	Not Requested	N/A	N/A	N/A	
1005 - ARSENIC	Not Requested	N/A	N/A	N/A	
1010 - BARIUM	Not Requested	N/A	N/A	N/A	
1075 - BERYLLIUM	Not Requested	N/A	N/A	N/A	
1015 - CADMIUM	Not Requested	N/A	N/A	N/A	
1020 - CHROMIUM	Not Requested	N/A	N/A	N/A	
1035 - MERCURY	Not Requested	N/A	N/A	N/A	
1036 - NICKEL	Not Requested	N/A	N/A	N/A	
1045 - SELENIUM	Not Requested	N/A	N/A	N/A	
1052 - SODIUM	Not Requested	N/A	N/A	N/A	
1085 - THALLIUM	Not Requested	N/A	N/A	N/A	
Lead and Copper Group (Pb/Cu)					
1030 - LEAD	EPA 200.8	Subcontracted	N/A	N/A	
1022 - COPPER	EPA 200.8	Subcontracted	N/A	N/A	
Secondary Parameters (SEC)					
1002 - ALUMINUM	Not Requested	N/A	N/A	N/A	
1017 - CHLORIDE	Not Requested	N/A	N/A	N/A	
1905 - COLOR	Not Requested	N/A	N/A	N/A	
2905 - FOAMING AGENTS	Not Requested	N/A	N/A	N/A	
1028 - IRON	Not Requested	N/A	N/A	N/A	
1032 - MANGANESE	Not Requested	N/A	N/A	N/A	
1920 - ODOR	Not Requested	N/A	N/A	N/A	
1050 - SILVER	Not Requested	N/A	N/A	N/A	
1055 - SULFATE	Not Requested	N/A	N/A	N/A	
1930 - TOTAL DISSOLVED SOLIDS (TDS)	Not Requested	N/A	N/A	N/A	
1095 - ZINC	Not Requested	N/A	N/A	N/A	
Individual Analytes					
1094 - ASBESTOS	Not Requested	N/A	N/A	N/A	
1004 - BROMIDE	Not Requested	N/A	N/A	N/A	
1024 - CYANIDE	EPA 335.4	Subcontracted	N/A	N/A	



1025 - FLUORIDE	SM 4500F-C/EPA 300.0		Subcontracted	N/A	N/A
1915 - HARDNESS, TOTAL	Not Requested		N/A	N/A	N/A
1031 - MAGNESIUM	Not Requested		N/A	N/A	N/A
1040 - NITRATE	EPA 300.0/353.2		Subcontracted	N/A	N/A
1041 - NITRITE	EPA 300.0/353.2		Subcontracted	N/A	N/A
1038 - NITRATE + NITRITE	EPA 300.0/353.2		Subcontracted	N/A	N/A
1042 - POTASSIUM	Not Requested		N/A	N/A	N/A
ORGANICS					
Volatile Organic Compounds Group (VOC)					
2981 - 1,1,1-TRICHLOROETHANE	EPA 524.2		secondary	5/2/2019	4/30/2020
2985 - 1,1,2-TRICHLOROETHANE	EPA 524.2		secondary	5/2/2019	4/30/2020
2977 - 1,1-DICHLOROETHYLENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2378 - 1,2,4-TRICHLOROBENZENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2968 - 1,2-DICHLOROBENZENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2969 - 1,4-DICHLOROBENZENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2980 - 1,2-DICHLOROETHANE	EPA 524.2		secondary	5/2/2019	4/30/2020
2380 - CIS-1,2-DICHLOROETHENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2979 - TRANS-1,2-DICHLOROETHENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2983 - 1,2-DICHLOROPROPANE	EPA 524.2		secondary	5/2/2019	4/30/2020
2990 - BENZENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2982 - CARBON TETRACHLORIDE	EPA 524.2		secondary	5/2/2019	4/30/2020
2989 - CHLOROBENZENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2964 - DICHLOROMETHANE (DCM)	EPA 524.2		secondary	5/2/2019	4/30/2020
2992 - ETHYLBENZENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2996 - STYRENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2987 - TETRACHLOROETHYLENE (PCE)	EPA 524.2		secondary	5/2/2019	4/30/2020
2991 - TOLUENE	EPA 524.2		secondary	5/2/2019	4/30/2020
2984 - TRICHLOROETHYLENE (TCE)	EPA 524.2		secondary	5/2/2019	4/30/2020
2976 - VINYL CHLORIDE	EPA 524.2		secondary	5/2/2019	4/30/2020
2955 - XYLENES, TOTAL	EPA 524.2		secondary	5/2/2019	4/30/2020
Synthetic Organic Compounds Group (RSOC)					
2110 - 2,4,5-TP (SILVEX)	Not Requested		N/A	N/A	N/A
2105 - 2,4-D	Not Requested		N/A	N/A	N/A
2050 - ATRAZINE	Not Requested		N/A	N/A	N/A
2306 - BENZO(A)PYRENE	Not Requested		N/A	N/A	N/A
2010 - LINDANE (BHC-GAMMA)	Not Requested		N/A	N/A	N/A
2046 - CARBOFURAN	Not Requested		N/A	N/A	N/A
2959 - CHLORDANE	Not Requested		N/A	N/A	N/A

2031 - DALAPON	Not Requested	N/A	N/A	N/A
2035 - DI(2-ETHYLHEXYL) ADIPATE	Not Requested	N/A	N/A	N/A
2039 - DI(2-ETHYLHEXYL) PHTHALATE	Not Requested	N/A	N/A	N/A
2931 - DIBROMOCHLOROPROPANE	Not Requested	N/A	N/A	N/A
2041 - DINOSEB	Not Requested	N/A	N/A	N/A
2032 - DIQUAT	Not Requested	N/A	N/A	N/A
2033 - ENDOTHALL	Not Requested	N/A	N/A	N/A
2005 - ENDRIN	Not Requested	N/A	N/A	N/A
2946 - ETHYLENE DIBROMIDE (EDB)	Not Requested	N/A	N/A	N/A
2034 - GLYPHOSATE	Not Requested	N/A	N/A	N/A
2065 - HEPTACHLOR	Not Requested	N/A	N/A	N/A
2067 - HEPTACHLOR EPOXIDE	Not Requested	N/A	N/A	N/A
2274 - HEXACHLOROBENZENE	Not Requested	N/A	N/A	N/A
2042 - HEXACHLOROYCLOPENTADIENE	Not Requested	N/A	N/A	N/A
2051 - LASSO (ALACHLOR)	Not Requested	N/A	N/A	N/A
2015 - METHOXYCHLOR	Not Requested	N/A	N/A	N/A
2036 - OXAMYL (VYDATE)	Not Requested	N/A	N/A	N/A
2326 - PENTACHLOROPHENOL	Not Requested	N/A	N/A	N/A
2040 - PICLORAM	Not Requested	N/A	N/A	N/A
2037 - SIMAZINE	Not Requested	N/A	N/A	N/A
2383 - PCBs (as AROCLORS)	Not Requested	N/A	N/A	N/A
2020 - TOXAPHENE	Not Requested	N/A	N/A	N/A
Disinfectant Byproducts Group (DBP2)				
Total Trihalomethanes (TTHM)				
2943 - BROMODICHLOROMETHANE	EPA 524.2	secondary	5/2/2019	4/30/2020
2942 - BROMOFORM	EPA 524.2	secondary	5/2/2019	4/30/2020
2941 - CHLOROFORM	EPA 524.2	secondary	5/2/2019	4/30/2020
2944 - DIBROMOCHLOROMETHANE	EPA 524.2	secondary	5/2/2019	4/30/2020
2950 - TOTAL TRIHALOMETHANES	EPA 524.2	secondary	5/2/2019	4/30/2020
Total Haloacetic Acids (HAA5)				
2453 - MONOBROMOACETIC ACID	EPA 552.2	secondary	5/2/2019	4/30/2020
2454 - DIBROMOACETIC ACID	EPA 552.2	secondary	5/2/2019	4/30/2020
2451 - DICHLOROACETIC ACID	EPA 552.2	secondary	5/2/2019	4/30/2020
2452 - TRICHLOROACETIC ACID	EPA 552.2	secondary	5/2/2019	4/30/2020
2450 - MONOCHLOROACETIC ACID	EPA 552.2	secondary	5/2/2019	4/30/2020
2456 - TOTAL HAA5	EPA 552.2	secondary	5/2/2019	4/30/2020
Individual Parameters				
1011 - BROMATE	Not Requested	N/A	N/A	N/A

1008 - CHLORINE DIOXIDE	Not Requested	N/A	N/A	N/A
1006 - CHLORAMINE	Not Requested	N/A	N/A	N/A
2063 - 2,3,7,8 -TCDD (DIOXIN)	Not Requested	N/A	N/A	N/A
2919 - DISSOLVED ORGANIC CARBON (DOC)	Not Requested	N/A	N/A	N/A
2920 - TOTAL ORGANIC CARBON (TOC)	Not Requested	N/A	N/A	N/A
2923 - SPECIFIC UV ABS (SUVA)	Not Requested	N/A	N/A	N/A
RADIOLOGICAL				
Radiological Group (NRAD)				
4002 - GROSS ALPHA, INCL. RADON & U	Not Requested	N/A	N/A	N/A
4100 - GROSS BETA PARTICLE ACTIVITY	Not Requested	N/A	N/A	N/A
4020 - RADIUM-226	Not Requested	N/A	N/A	N/A
4030 - RADIUM-228	Not Requested	N/A	N/A	N/A
4006 - COMBINED URANIUM (U-MASS)	Not Requested	N/A	N/A	N/A
Individual Radiological Parameters				
4172 - STRONTIUM-89	Not Requested	N/A	N/A	N/A
4174 - STRONTIUM-90	Not Requested	N/A	N/A	N/A
4102 - TRITIUM	Not Requested	N/A	N/A	N/A
MICROBIOLOGICAL				
3100 - TOTAL COLIFORM	Not Requested	N/A	N/A	N/A
3014 - E. COLI	Not Requested	N/A	N/A	N/A
3015 - CRYPTOSPORIDIUM	Not Requested	N/A	N/A	N/A
3008 - GIARDIA	Not Requested	N/A	N/A	N/A
TC/EC ENUMERATION	Not Requested	N/A	N/A	N/A