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

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				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

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				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

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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

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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	acc - lab result within acceptance limits	SM - Standard Methods for the Examination	L - liter
nacc - lab result unacceptable	C - certified	of Water & Wastewater, 18th or 19 Ed., 1995	I - interim certified
P - provisionally certified	MCL - maximum contaminant level	MDL - method detection limit	na - not applicable
NC - not certified	MTF - multiple tube fermentation	MCLG - maximum contaminant level goal	Quit TM project 082307E

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