

# **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**

**Energy Laboratories, Inc. – Casper (Lab #WY00002)**

**2393 Salt Creek Highway Casper, WY 82601**

**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 chemical analyses for NM public water systems for the contaminants listed in the attached laboratory scope of accreditation.**


**Certification Effective: July 1, 2019 - June 30, 2020**



**Joe Martinez, Certification Authority (Acting)**

**NMED Drinking Water Laboratory Certification Program**



<b>Energy Laboratories, Inc. - Casper</b> <b>(Lab #WY00002)</b> <b>2393 Salt Creek Highway Casper, WY 82601</b>	<b>LABORATORY SCOPE OF</b> <b>ACCREDITATION FOR DRINKING WATER</b> <b>CERTIFICATION IN NEW MEXICO</b>			
<b>SDWIS CODE - Drinking Water Analytes</b>	<b>METHOD(S)</b>	<b>Type of Certification</b>	<b>Effective Date</b>	<b>Expiration Date</b>
<b>INORGANICS</b>				
<b>Heavy Metals Group (HM)</b>				
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
<b>Lead and Copper Group (Pb/Cu)</b>				
1030 - LEAD	EPA 200.8	Secondary	7/1/2019	6/30/2020
1022 - COPPER	EPA 200.7 & EPA 200.8	Secondary	7/1/2019	6/30/2020
<b>Secondary Parameters (SEC)</b>				
1002 - ALUMINUM	EPA 200.7 & EPA 200.8	Secondary	7/1/2019	6/30/2020
1017 - CHLORIDE	EPA 300.0	Secondary	7/1/2019	6/30/2020
1905 - COLOR	Not Requested	N/A	N/A	N/A
2905 - FOAMING AGENTS	Not Requested	N/A	N/A	N/A
1028 - IRON	EPA 200.7	Secondary	7/1/2019	6/30/2020
1032 - MANGANESE	EPA 200.7 & EPA 200.8	Secondary	7/1/2019	6/30/2020
1920 - ODOR	Not Requested	N/A	N/A	N/A
1050 - SILVER	EPA 200.7 & EPA 200.8	Secondary	7/1/2019	6/30/2020
1055 - SULFATE	EPA 300.0	Secondary	7/1/2019	6/30/2020
1930 - TOTAL DISSOLVED SOLIDS (TDS)	SM 2540C	Secondary	7/1/2019	6/30/2020
1095 - ZINC	EPA 200.7 & EPA 200.8	Secondary	7/1/2019	6/30/2020
<b>Individual Analytes</b>				
1094 - ASBESTOS	Not Requested	N/A	N/A	N/A
1004 - BROMIDE	Not Requested	N/A	N/A	N/A
1024 - CYANIDE	Not Requested	N/A	N/A	N/A

<b>1025 - FLUORIDE</b>	EPA 300.0 & SM4500-F C	Secondary	7/1/2019	6/30/2020
<b>1915 - HARDNESS, TOTAL</b>	SM 2340B	Secondary	7/1/2019	6/30/2020
<b>1031 - MAGNESIUM</b>	EPA 200.7	Secondary	7/1/2019	6/30/2020
<b>1040 - NITRATE</b>	EPA 353.2	Secondary	7/1/2019	6/30/2020
<b>1041 - NITRITE</b>	SM 4500-NO2 B	Secondary	7/1/2019	6/30/2020
<b>1038 - NITRATE + NITRITE</b>	EPA 353.2	Secondary	7/1/2019	6/30/2020
<b>1042 - POTASSIUM</b>	EPA 200.7	Secondary	7/1/2019	6/30/2020
<b>ORGANICS</b>				
<b>Volatile Organic Compounds Group (VOC)</b>				
<b>2981 - 1,1,1-TRICHLOROETHANE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2985 - 1,1,2-TRICHLOROETHANE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2977 - 1,1-DICHLOROETHYLENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2378 - 1,2,4-TRICHLOROBENZENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2968 - 1,2-DICHLOROBENZENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2969 - 1,4-DICHLOROBENZENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2980 - 1,2-DICHLOROETHANE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2380 - CIS-1,2-DICHLOROETHENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2979 - TRANS-1,2-DICHLOROETHENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2983 - 1,2-DICHLOROPROPANE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2990 - BENZENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2982 - CARBON TETRACHLORIDE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2989 - CHLOROBENZENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2964 - DICHLOROMETHANE (DCM)</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2992 - ETHYLBENZENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2996 - STYRENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2987 - TETRACHLOROETHYLENE (PCE)</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2991 - TOLUENE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2984 - TRICHLOROETHYLENE (TCE)</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2976 - VINYL CHLORIDE</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>2955 - XYLENES, TOTAL</b>	EPA 524.2	Secondary	7/1/2019	6/30/2020
<b>Synthetic Organic Compounds Group (RSOC)</b>				
<b>2110 - 2,4,5-TP (SILVEX)</b>	Not Requested	N/A	N/A	N/A
<b>2105 - 2,4-D</b>	Not Requested	N/A	N/A	N/A
<b>2050 - ATRAZINE</b>	Not Requested	N/A	N/A	N/A
<b>2306 - BENZO(A)PYRENE</b>	Not Requested	N/A	N/A	N/A
<b>2010 - LINDANE (BHC-GAMMA)</b>	Not Requested	N/A	N/A	N/A
<b>2046 - CARBOFURAN</b>	Not Requested	N/A	N/A	N/A
<b>2959 - CHLORDANE</b>	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
<b>Disinfectant Byproducts Group (DBP2)</b>				
<b>Total Trihalomethanes (TTHM)</b>				
2943 - BROMODICHLOROMETHANE	Not Requested	N/A	N/A	N/A
2942 - BROMOFORM	Not Requested	N/A	N/A	N/A
2941 - CHLOROFORM	Not Requested	N/A	N/A	N/A
2944 - DIBROMOCHLOROMETHANE	Not Requested	N/A	N/A	N/A
2950 - TOTAL TRIHALOMETHANES	Not Requested	N/A	N/A	N/A
<b>Total Haloacetic Acids (HAA5)</b>				
2453 - MONOBROMOACETIC ACID	Not Requested	N/A	N/A	N/A
2454 - DIBROMOACETIC ACID	Not Requested	N/A	N/A	N/A
2451 - DICHLOROACETIC ACID	Not Requested	N/A	N/A	N/A
2452 - TRICHLOROACETIC ACID	Not Requested	N/A	N/A	N/A
2450 - MONOCHLOROACETIC ACID	Not Requested	N/A	N/A	N/A
2456 - TOTAL HAA5	Not Requested	N/A	N/A	N/A
<b>Individual Parameters</b>				
1011 - BROMATE	Not Requested	N/A	N/A	N/A

<b>1008 - CHLORINE DIOXIDE</b>	Not Requested	N/A	N/A	N/A
<b>1006 - CHLORAMINE</b>	Not Requested	N/A	N/A	N/A
<b>2063 - 2,3,7,8 -TCDD (DIOXIN)</b>	Not Requested	N/A	N/A	N/A
<b>2919 - DISSOLVED ORGANIC CARBON (DOC)</b>	Not Requested	N/A	N/A	N/A
<b>2920 - TOTAL ORGANIC CARBON (TOC)</b>	SM 5310C	Secondary	7/1/2019	6/30/2020
<b>2923 - SPECIFIC UV ABS (SUVA)</b>	Not Requested	N/A	N/A	N/A
<b>RADIOLOGICAL</b>				
<b>Radiological Group (NRAD)</b>				
<b>4002 - GROSS ALPHA, INCL. RADON &amp; U</b>	EPA 900.0	Secondary	7/1/2019	6/30/2020
<b>4100 - GROSS BETA PARTICLE ACTIVITY</b>	EPA 900.0	Secondary	7/1/2019	6/30/2020
<b>4020 - RADIUM-226</b>	EPA 903.0	Secondary	7/1/2019	6/30/2020
<b>4030 - RADIUM-228</b>	Ra-05	Secondary	7/1/2019	6/30/2020
<b>4006 - COMBINED URANIUM (U-MASS)</b>	SM7500 U-C	Secondary	7/1/2019	6/30/2020
<b>Individual Radiological Parameters</b>				
<b>4172 - STRONTIUM-89</b>	Not Requested	N/A	N/A	N/A
<b>4174 - STRONTIUM-90</b>	Not Requested	N/A	N/A	N/A
<b>4102 - TRITIUM</b>	Not Requested	N/A	N/A	N/A
<b>MICROBIOLOGICAL</b>				
<b>3100 - TOTAL COLIFORM</b>	Not Requested	N/A	N/A	N/A
<b>3014 - E. COLI</b>	Not Requested	N/A	N/A	N/A
<b>3015 - CRYPTOSPORIDIUM</b>	Not Requested	N/A	N/A	N/A
<b>3008 - GIARDIA</b>	Not Requested	N/A	N/A	N/A
<b>TC/EC ENUMERATION</b>	Not Requested	N/A	N/A	N/A