

**State of Nevada Department of Conservation and Natural Resources
Division of Environmental Protection
Laboratory Scope of Accreditation**

EPA Number: WY00005

Attachment to Certificate Number: WY000052020-2

Expiration Date: 7/31/2020

Inter-Mountain Laboratories/Pace Analytical Services, LLC

1673 Terra Ave Sheridan, WY 82801-

Matrix: **CWA (Non Potable Water)**

Method	Analyte	Start Date	Date Expires	Status
Discipline: Chemistry				
EPA 1664A	n-Hexane Extractable Material (O&G)	8/1/2019	7/31/2020	Certified
EPA 1664A (SGT-HEM)	n-Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	8/1/2019	7/31/2020	Certified
EPA 200.2	Acid digest for metals	8/1/2019	7/31/2020	Certified
EPA 200.7	Aluminum	8/1/2019	7/31/2020	Certified
EPA 200.7	Antimony	8/1/2019	7/31/2020	Certified
EPA 200.7	Arsenic	8/1/2019	7/31/2020	Certified
EPA 200.7	Barium	8/1/2019	7/31/2020	Certified
EPA 200.7	Beryllium	8/1/2019	7/31/2020	Certified
EPA 200.7	Boron	8/1/2019	7/31/2020	Certified
EPA 200.7	Cadmium	8/1/2019	7/31/2020	Certified
EPA 200.7	Calcium	8/1/2019	7/31/2020	Certified
EPA 200.7	Chromium	8/1/2019	7/31/2020	Certified
EPA 200.7	Cobalt	8/1/2019	7/31/2020	Certified
EPA 200.7	Copper	8/1/2019	7/31/2020	Certified
EPA 200.7	Iron	8/1/2019	7/31/2020	Certified
EPA 200.7	Lead	8/1/2019	7/31/2020	Certified
EPA 200.7	Lithium	8/1/2019	7/31/2020	Certified
EPA 200.7	Magnesium	8/1/2019	7/31/2020	Certified
EPA 200.7	Manganese	8/1/2019	7/31/2020	Certified
EPA 200.7	Molybdenum	8/1/2019	7/31/2020	Certified
EPA 200.7	Nickel	8/1/2019	7/31/2020	Certified
EPA 200.7	Phosphorus, total	8/1/2019	7/31/2020	Certified
EPA 200.7	Potassium	8/1/2019	7/31/2020	Certified
EPA 200.7	Scandium	8/1/2019	7/31/2020	Certified
EPA 200.7	Selenium	8/1/2019	7/31/2020	Certified
EPA 200.7	Silica as SiO ₂	8/1/2019	7/31/2020	Certified
EPA 200.7	Silver	8/1/2019	7/31/2020	Certified
EPA 200.7	Sodium	8/1/2019	7/31/2020	Certified
EPA 200.7	Strontium	8/1/2019	7/31/2020	Certified

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EPA 200.7	Thallium	8/1/2019	7/31/2020	Certified
EPA 200.7	Tin	8/1/2019	7/31/2020	Certified
EPA 200.7	Titanium	8/1/2019	7/31/2020	Certified
EPA 200.7	Vanadium	8/1/2019	7/31/2020	Certified
EPA 200.7	Zinc	8/1/2019	7/31/2020	Certified
EPA 200.8	Aluminum	8/1/2019	7/31/2020	Certified
EPA 200.8	Antimony	8/1/2019	7/31/2020	Certified
EPA 200.8	Arsenic	8/1/2019	7/31/2020	Certified
EPA 200.8	Barium	8/1/2019	7/31/2020	Certified
EPA 200.8	Beryllium	8/1/2019	7/31/2020	Certified
EPA 200.8	Bismuth	8/1/2019	7/31/2020	Certified
EPA 200.8	Cadmium	8/1/2019	7/31/2020	Certified
EPA 200.8	Chromium	8/1/2019	7/31/2020	Certified
EPA 200.8	Cobalt	8/1/2019	7/31/2020	Certified
EPA 200.8	Copper	8/1/2019	7/31/2020	Certified
EPA 200.8	Gallium	8/1/2019	7/31/2020	Certified
EPA 200.8	Lead	8/1/2019	7/31/2020	Certified
EPA 200.8	Manganese	8/1/2019	7/31/2020	Certified
EPA 200.8	Molybdenum	8/1/2019	7/31/2020	Certified
EPA 200.8	Nickel	8/1/2019	7/31/2020	Certified
EPA 200.8	Selenium	8/1/2019	7/31/2020	Certified
EPA 200.8	Silver	8/1/2019	7/31/2020	Certified
EPA 200.8	Strontium	8/1/2019	7/31/2020	Certified
EPA 200.8	Thallium	8/1/2019	7/31/2020	Certified
EPA 200.8	Tin	8/1/2019	7/31/2020	Certified
EPA 200.8	Titanium	8/1/2019	7/31/2020	Certified
EPA 200.8	Uranium Total Mass	8/1/2019	7/31/2020	Certified
EPA 200.8	Vanadium	8/1/2019	7/31/2020	Certified
EPA 200.8	Zinc	8/1/2019	7/31/2020	Certified
EPA 245.1	Mercury	8/1/2019	7/31/2020	Certified

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1673 Terra Ave Sheridan, WY 82801-

Matrix: CWA (Non Potable Water)

Method	Analyte	Start Date	Date Expires	Status
EPA 300.0	Chloride	8/1/2019	7/31/2020	Certified
EPA 300.0	Fluoride	8/1/2019	7/31/2020	Certified
EPA 300.0	Nitrate as N	8/1/2019	7/31/2020	Certified
EPA 300.0	Nitrate-nitrite	8/1/2019	7/31/2020	Certified
EPA 300.0	Nitrite as N	8/1/2019	7/31/2020	Certified
EPA 300.0	Orthophosphate as P	8/1/2019	7/31/2020	Certified
EPA 300.0	Sulfate	8/1/2019	7/31/2020	Certified
EPA 335.4	Cyanide, Total	8/1/2019	7/31/2020	Certified
EPA 350.1	Ammonia as N	8/1/2019	7/31/2020	Certified
EPA 351.2	Kjeldahl nitrogen - total	8/1/2019	7/31/2020	Certified
EPA 353.2	Nitrate as N	8/1/2019	7/31/2020	Certified
EPA 353.2	Nitrate-nitrite	8/1/2019	7/31/2020	Certified
EPA 353.2	Nitrite as N	8/1/2019	7/31/2020	Certified
HACH 8131	Sulfide	8/1/2019	7/31/2020	Certified
OIA 1677	Cyanide, Available	8/1/2019	7/31/2020	Certified
SM 2310 B	Acidity, as CaCO ₃	8/1/2019	7/31/2020	Certified
SM 2320 B	Alkalinity as CaCO ₃	8/1/2019	7/31/2020	Certified
SM 2340 B	Hardness by calculation	8/1/2019	7/31/2020	Certified
SM 2510 B	Conductivity	8/1/2019	7/31/2020	Certified
SM 2540 C	Residue-filterable (TDS)	8/1/2019	7/31/2020	Certified
SM 2540 D	Residue-nonfilterable (TSS)	8/1/2019	7/31/2020	Certified
SM 4500-CN ⁻ I,E	Cyanide, WAD	8/1/2019	7/31/2020	Certified
SM 4500-F ⁻ C	Fluoride	8/1/2019	7/31/2020	Certified
SM 4500-H+ B	pH	8/1/2019	7/31/2020	Certified
SM 5310 B	Total Organic Carbon	8/1/2019	7/31/2020	Certified
Total Nitrogen by Calc (NO ₂ + NO ₃ + TKN)	Total Nitrogen	8/1/2019	7/31/2020	Certified

Discipline: Radiochemistry

EPA 053917 p. 33 EMSL LV	Thorium-230	8/1/2019	7/31/2020	Interim
GA Tech Ra-226/228	Radium-226	8/1/2019	7/31/2020	Certified
GA Tech Ra-226/228	Radium-228	8/1/2019	7/31/2020	Certified

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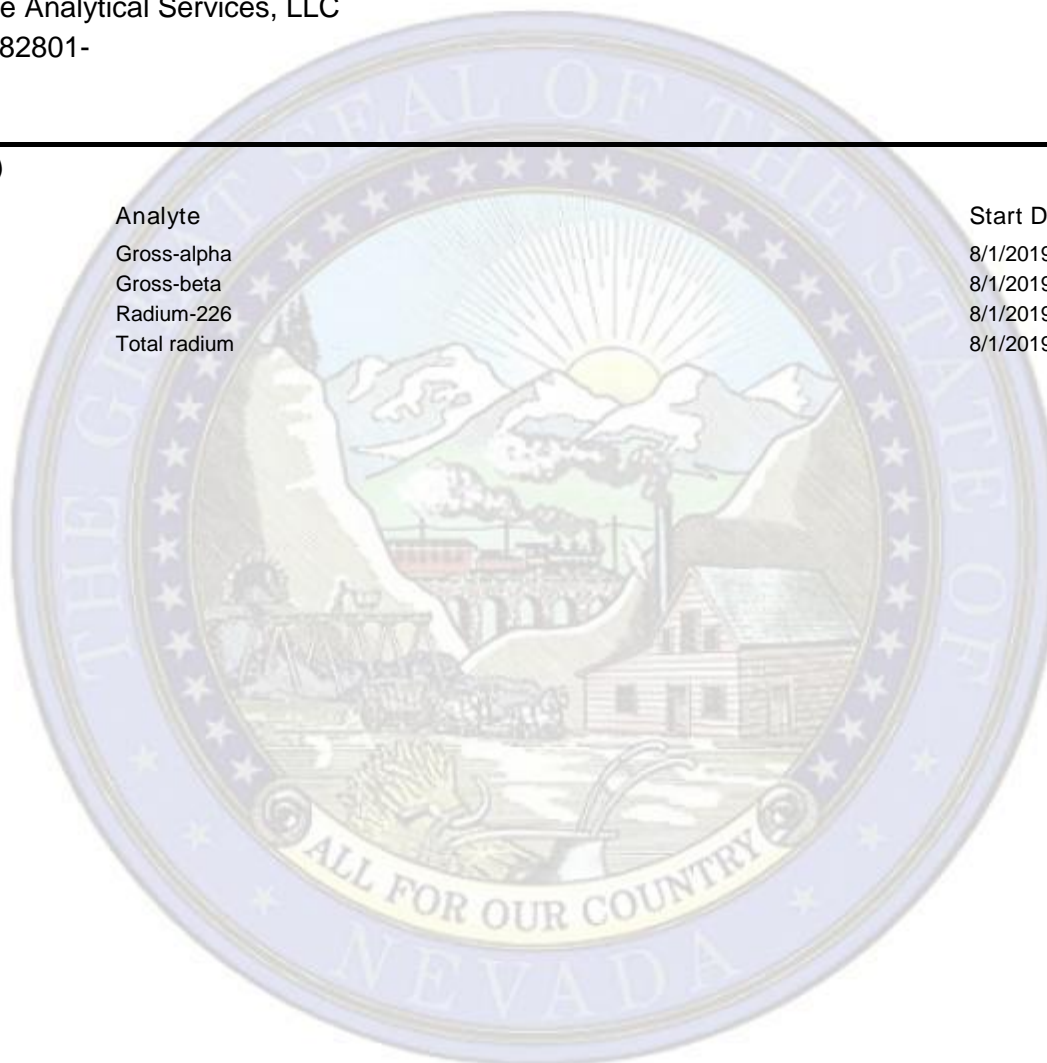
Expiration Date: **7/31/2020**

Inter-Mountain Laboratories/Pace Analytical Services, LLC

1673 Terra Ave Sheridan, WY 82801-

Matrix: **CWA (Non Potable Water)**

Method	Analyte	Start Date	Date Expires	Status
SM 7110 B (GPC)	Gross-alpha	8/1/2019	7/31/2020	Certified
SM 7110 B (GPC)	Gross-beta	8/1/2019	7/31/2020	Certified
SM 7500-Ra B (GPC)	Radium-226	8/1/2019	7/31/2020	Certified
SM 7500-Ra B (GPC)	Total radium	8/1/2019	7/31/2020	Certified



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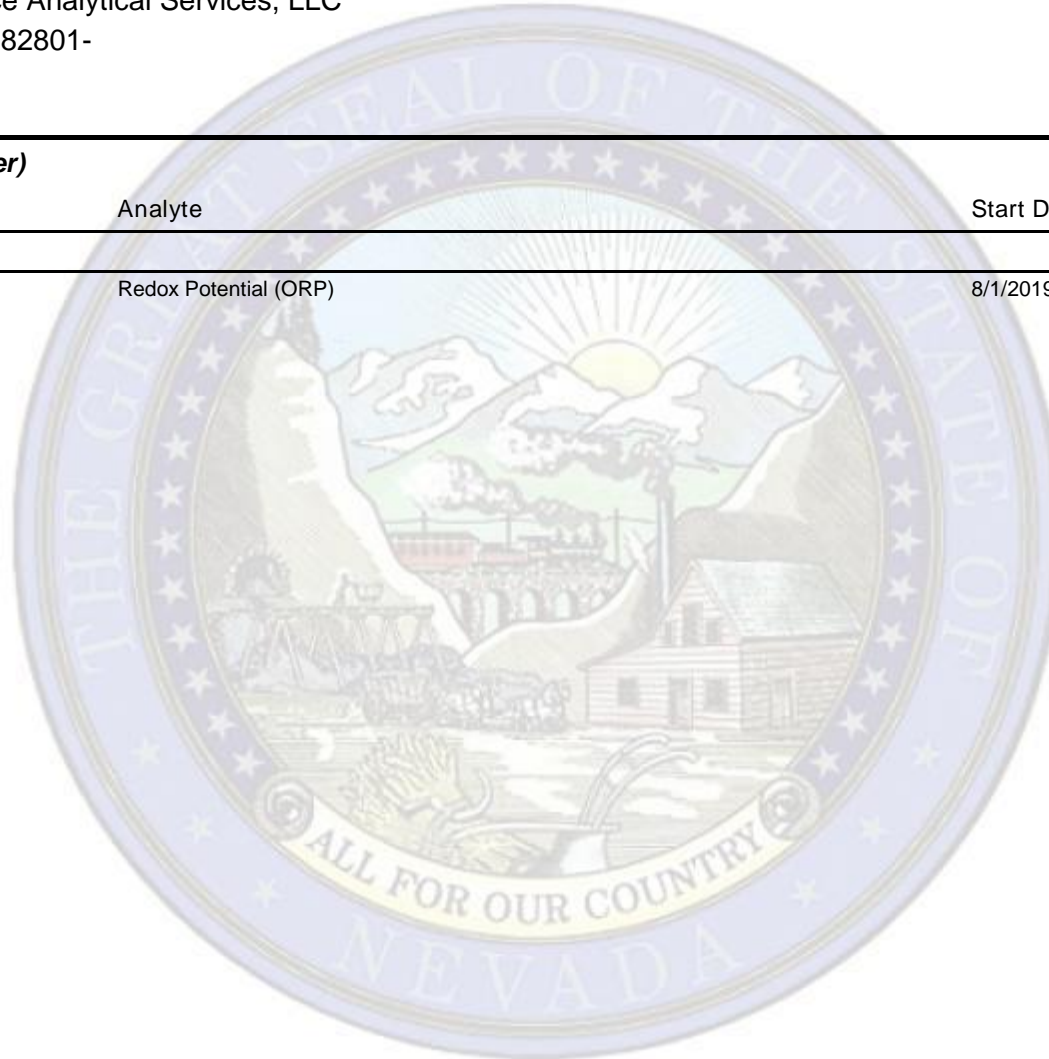
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Inter-Mountain Laboratories/Pace Analytical Services, LLC
1673 Terra Ave Sheridan, WY 82801-

Matrix: **Mining (Non Potable Water)**

Method	Analyte	Start Date	Date Expires	Status
Discipline: Chemistry				
ASTM D1498	Redox Potential (ORP)	8/1/2019	7/31/2020	Certified



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Inter-Mountain Laboratories/Pace Analytical Services, LLC

1673 Terra Ave Sheridan, WY 82801-

Matrix: *Mining (Solid & Waste Materials)*

Method	Analyte	Start Date	Date Expires	Status
Discipline: Chemistry				
ASTM C1308-08	Diffusive Releases	8/1/2019	7/31/2020	Nevada Approved
ASTM D5744-13	Weathering Products of Solid Materials	8/1/2019	7/31/2020	Nevada Approved
ASTM D7572-11	Cyanide Extraction Fluid from Soils and Mine Rock	8/1/2019	7/31/2020	Nevada Approved
ASTM E2242-13	MWMP Fluid (WITHOUT bottle roll option)	8/1/2019	7/31/2020	Nevada Approved
ASTM E2242-13 Appendix X1.2	MWMP Fluid (FROM bottle roll option_Non Percolating Material)	8/1/2019	7/31/2020	Nevada Approved
ASTM E2242-13 Appendix X1.3	MWMP Fluid (FROM bottle roll option_Fine Grained Material)	8/1/2019	7/31/2020	Nevada Approved
EPA 600/2-78-054, section 3.2.2_NV Modified	Paste pH	8/1/2019	7/31/2020	Certified
EPA 600/2-78-054, section 3.2.3_NV Modified	ANP by Titration to phenolphthalein end point (after oxidation_hydrogen peroxide)	8/1/2019	7/31/2020	Certified
EPA 600/2-78-054, section 3.2.3_NV Modified	ANP by Titration to phenolphthalein end point (without oxidation)	8/1/2019	7/31/2020	Certified
EPA 600/2-78-054, section 3.2.4_NV Modified	Total Sulfur (High Temp. Combustion Method)	8/1/2019	7/31/2020	Certified
EPA 600/2-78-054, section 3.2.6_NV Modified	HCl Extractable Sulfur	8/1/2019	7/31/2020	Nevada Approved
EPA 600/2-78-054, section 3.2.6_NV Modified	HNO3 Extractable Sulfur	8/1/2019	7/31/2020	Nevada Approved
EPA 600/2-78-054, section 3.2.6_NV Modified	Hot Water Extractable Sulfur	8/1/2019	7/31/2020	Nevada Approved
ISO TS 21268-4	pH Specific Leachates	8/1/2019	7/31/2020	Interim
Warwick-Stuart-Roger, 7th ICARD	Net Acid Generation (NAG)	8/1/2019	7/31/2020	Interim

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Inter-Mountain Laboratories/Pace Analytical Services, LLC

1673 Terra Ave Sheridan, WY 82801-

Matrix: RCRA (Non Potable Water)

Method	Analyte	Start Date	Date Expires	Status
Discipline: Chemistry				
EPA 6010	Aluminum	8/1/2019	7/31/2020	Certified
EPA 6010	Antimony	8/1/2019	7/31/2020	Certified
EPA 6010	Arsenic	8/1/2019	7/31/2020	Certified
EPA 6010	Barium	8/1/2019	7/31/2020	Certified
EPA 6010	Beryllium	8/1/2019	7/31/2020	Certified
EPA 6010	Boron	8/1/2019	7/31/2020	Certified
EPA 6010	Cadmium	8/1/2019	7/31/2020	Certified
EPA 6010	Chromium	8/1/2019	7/31/2020	Certified
EPA 6010	Cobalt	8/1/2019	7/31/2020	Certified
EPA 6010	Copper	8/1/2019	7/31/2020	Certified
EPA 6010	Iron	8/1/2019	7/31/2020	Certified
EPA 6010	Lead	8/1/2019	7/31/2020	Certified
EPA 6010	Lithium	8/1/2019	7/31/2020	Certified
EPA 6010	Manganese	8/1/2019	7/31/2020	Certified
EPA 6010	Molybdenum	8/1/2019	7/31/2020	Certified
EPA 6010	Nickel	8/1/2019	7/31/2020	Certified
EPA 6010	Phosphorus, total	8/1/2019	7/31/2020	Certified
EPA 6010	Selenium	8/1/2019	7/31/2020	Certified
EPA 6010	Silver	8/1/2019	7/31/2020	Certified
EPA 6010	Strontium	8/1/2019	7/31/2020	Certified
EPA 6010	Thallium	8/1/2019	7/31/2020	Certified
EPA 6010	Tin	8/1/2019	7/31/2020	Certified
EPA 6010	Titanium	8/1/2019	7/31/2020	Certified
EPA 6010	Vanadium	8/1/2019	7/31/2020	Certified
EPA 6010	Zinc	8/1/2019	7/31/2020	Certified
EPA 6020	Aluminum	8/1/2019	7/31/2020	Certified
EPA 6020	Antimony	8/1/2019	7/31/2020	Certified
EPA 6020	Arsenic	8/1/2019	7/31/2020	Certified
EPA 6020	Barium	8/1/2019	7/31/2020	Certified

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EPA 6020	Beryllium	8/1/2019	7/31/2020	Certified
EPA 6020	Cadmium	8/1/2019	7/31/2020	Certified
EPA 6020	Chromium	8/1/2019	7/31/2020	Certified
EPA 6020	Cobalt	8/1/2019	7/31/2020	Certified
EPA 6020	Copper	8/1/2019	7/31/2020	Certified
EPA 6020	Lead	8/1/2019	7/31/2020	Certified
EPA 6020	Manganese	8/1/2019	7/31/2020	Certified
EPA 6020	Molybdenum	8/1/2019	7/31/2020	Certified
EPA 6020	Nickel	8/1/2019	7/31/2020	Certified
EPA 6020	Selenium	8/1/2019	7/31/2020	Certified
EPA 6020	Silver	8/1/2019	7/31/2020	Certified
EPA 6020	Strontium	8/1/2019	7/31/2020	Certified
EPA 6020	Thallium	8/1/2019	7/31/2020	Certified
EPA 6020	Tin	8/1/2019	7/31/2020	Certified
EPA 6020	Titanium	8/1/2019	7/31/2020	Certified
EPA 6020	Uranium Total Mass	8/1/2019	7/31/2020	Certified
EPA 6020	Vanadium	8/1/2019	7/31/2020	Certified
EPA 6020	Zinc	8/1/2019	7/31/2020	Certified
EPA 7470	Mercury	8/1/2019	7/31/2020	Certified

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Method	Analyte	Start Date	Date Expires	Status
Discipline: Chemistry				
EPA 1311-Metals	TCLP extracted Metals	8/1/2019	7/31/2020	Certified
EPA 1312-Metals	SPLP extracted Metals	8/1/2019	7/31/2020	Certified
EPA 3050	Acid digest for metals	8/1/2019	7/31/2020	Certified
EPA 6010	Antimony	8/1/2019	7/31/2020	Certified
EPA 6010	Arsenic	8/1/2019	7/31/2020	Certified
EPA 6010	Barium	8/1/2019	7/31/2020	Certified
EPA 6010	Beryllium	8/1/2019	7/31/2020	Certified
EPA 6010	Cadmium	8/1/2019	7/31/2020	Certified
EPA 6010	Chromium	8/1/2019	7/31/2020	Certified
EPA 6010	Lead	8/1/2019	7/31/2020	Certified
EPA 6010	Nickel	8/1/2019	7/31/2020	Certified
EPA 6010	Selenium	8/1/2019	7/31/2020	Certified
EPA 6010	Silver	8/1/2019	7/31/2020	Certified
EPA 6010	Zinc	8/1/2019	7/31/2020	Certified
EPA 7471	Mercury	8/1/2019	7/31/2020	Certified

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