

State of Nevada

Department of Conservation and Natural Resources
Division of Environmental Protection

Certifies that

Inter-Mountain Laboratories

1673 Terra Ave Sheridan, WY 82801-

*Having met the requirements of the
Nevada Administrative Code: NAC 445A*

*is hereby approved to perform the analyses as indicated on the most recently issued
parameter list which must accompany this certificate to be valid. It is the certified
laboratory's responsibility to provide their client the most current certified
parameter list. Contact LCP to verify certification status.*

Expiration Date: 7/31/2020

Donald E. LaFara
Program Manager
Laboratory Certification Program

Digitally signed
by Don LaFara
Date:
2019.08.01
11:46:20 -07'00'

Certificate Number: WY000052020-1

Donald LaFara, Program Manager, 08/01/2019

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

EPA Number: WY00005
Inter-Mountain Laboratories
1673 Terra Ave Sheridan, WY 82801-

Attachment to Certificate Number: WY000052020-1

Expiration Date: 7/31/2020

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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Expiration Date: 7/31/2020

Matrix: CWA (Non Potable Water)

Method	Analyte	Start Date	Date Expires	Status
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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Attachment to Certificate Number: WY000052020-1

Expiration Date: 7/31/2020

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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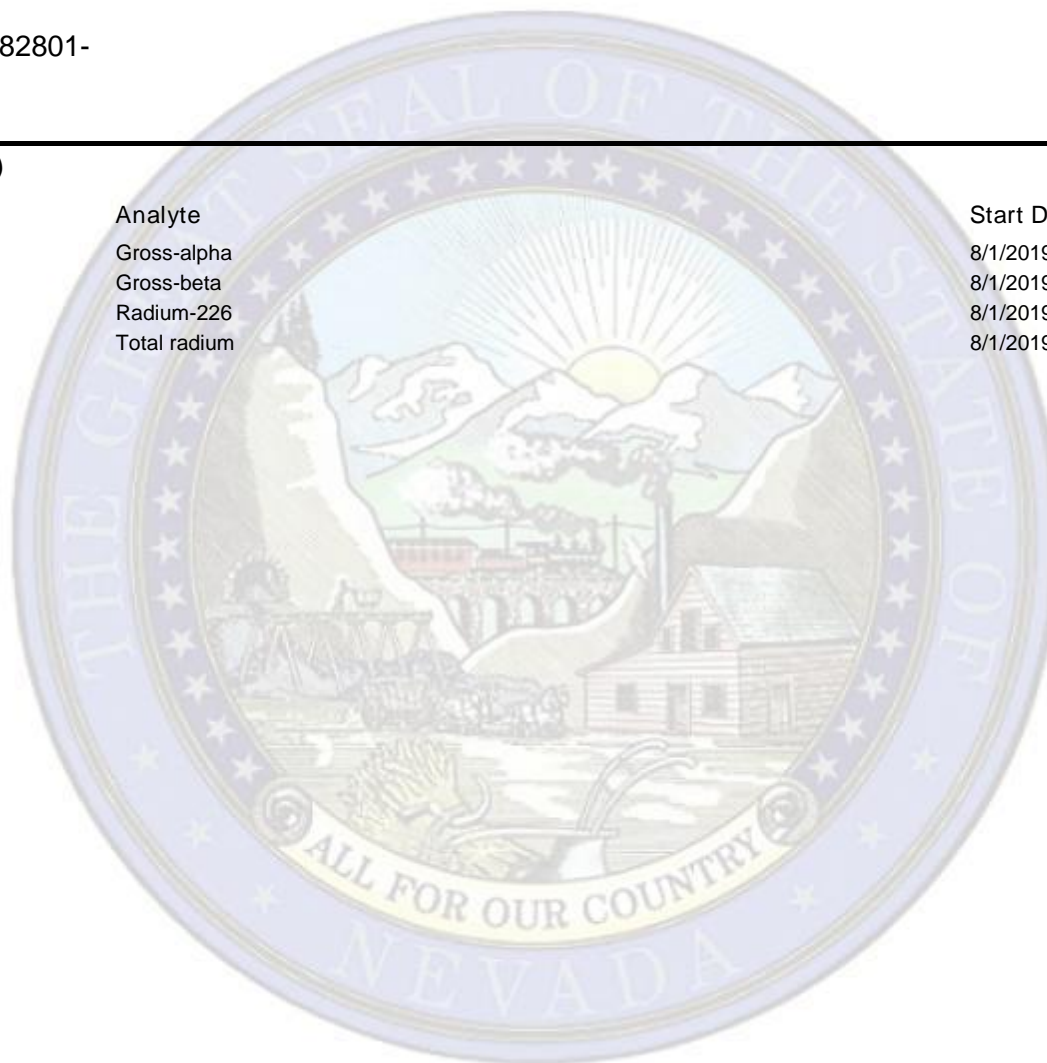
EPA Number: **WY00005**
 Inter-Mountain Laboratories
 1673 Terra Ave Sheridan, WY 82801-

Attachment to Certificate Number: **WY000052020-1**

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

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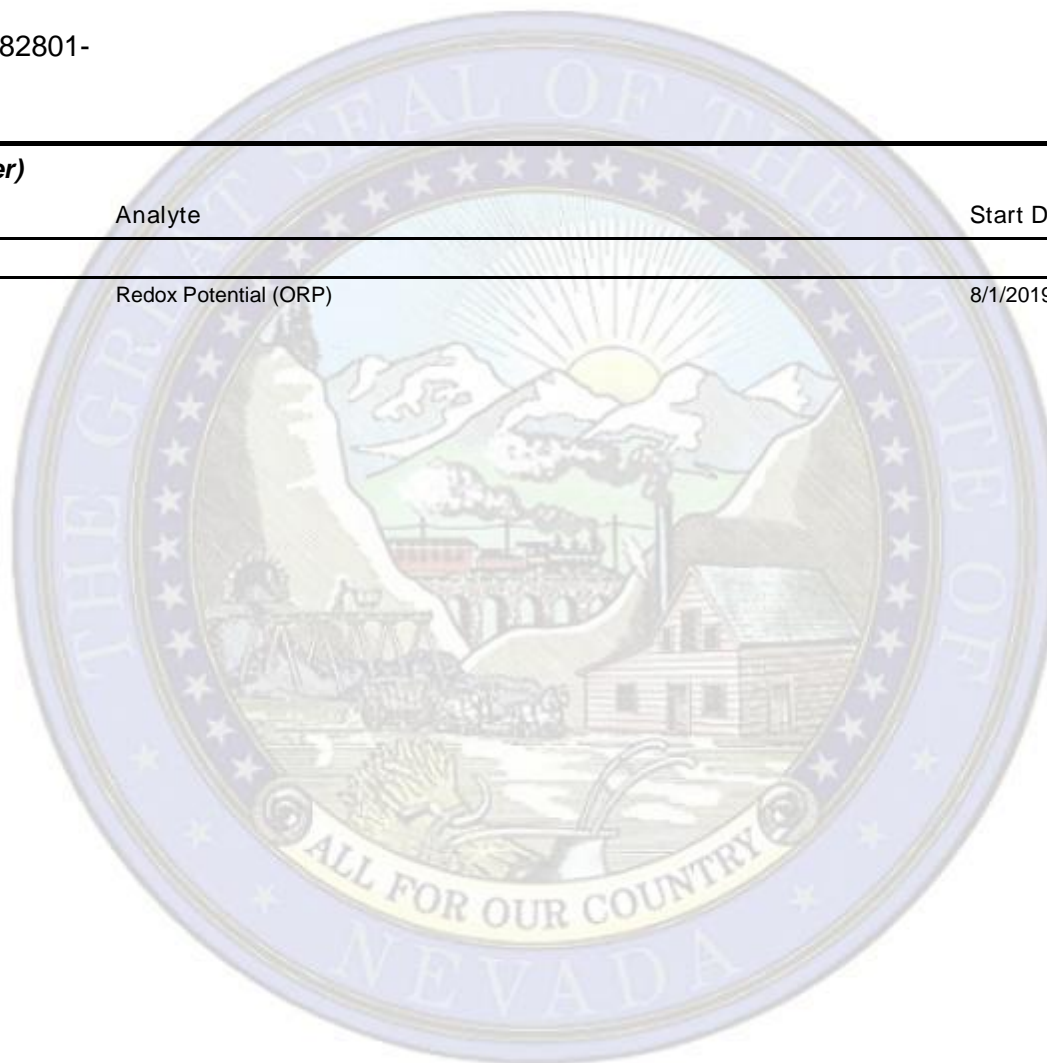
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Expiration Date: **7/31/2020**

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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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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Expiration Date: 7/31/2020

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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Matrix: RCRA (Non Potable Water)

Method	Analyte	Start Date	Date Expires	Status
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
EPA 8015	Diesel range organics (DRO)	8/1/2019	7/31/2020	Certified
EPA 8015	Gasoline range organics (GRO)	8/1/2019	7/31/2020	Certified
EPA 8260	Benzene	8/1/2019	7/31/2020	Certified
EPA 8260	Ethylbenzene	8/1/2019	7/31/2020	Certified
EPA 8260	Gasoline range organics (GRO)	8/1/2019	7/31/2020	Certified
EPA 8260	m+p-xylene	8/1/2019	7/31/2020	Certified
EPA 8260	Methyl tert-butyl ether (MTBE)	8/1/2019	7/31/2020	Certified
EPA 8260	Naphthalene	8/1/2019	7/31/2020	Certified
EPA 8260	o-Xylene	8/1/2019	7/31/2020	Certified
EPA 8260	Toluene	8/1/2019	7/31/2020	Certified
EPA 8260	Xylene (total)	8/1/2019	7/31/2020	Certified

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Matrix: RCRA (Solid & Waste Materials)

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
EPA 8015	Diesel range organics (DRO)	8/1/2019	7/31/2020	Certified
EPA 8015	Gasoline range organics (GRO)	8/1/2019	7/31/2020	Certified
EPA 8260	Benzene	8/1/2019	7/31/2020	Certified
EPA 8260	Ethylbenzene	8/1/2019	7/31/2020	Certified
EPA 8260	Gasoline range organics (GRO)	8/1/2019	7/31/2020	Certified
EPA 8260	m+p-xylene	8/1/2019	7/31/2020	Certified
EPA 8260	Methyl tert-butyl ether (MTBE)	8/1/2019	7/31/2020	Certified
EPA 8260	Naphthalene	8/1/2019	7/31/2020	Certified
EPA 8260	o-Xylene	8/1/2019	7/31/2020	Certified
EPA 8260	Toluene	8/1/2019	7/31/2020	Certified
EPA 8260	Xylene (total)	8/1/2019	7/31/2020	Certified

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