



ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director: Ram Ramakrishnan

Owner/Representative: Dr. Ram Ramakrishnan Ph.D.,C.I.H

A & B Environmental Services, Inc
AZ0840

is in compliance with Environmental Laboratory's applicable standards for the State of Arizona and maintains on file a List of Parameters for which the laboratory is certified to perform analysis.

PERIOD OF LICENSURE FROM: 03/01/2025 TO: 03/01/2026



Mary Graham

Mary Graham, Chief
Office of Laboratory Licensure & Certification
Bureau of State Laboratory Services

Arizona Department Of Health Services
Office of Laboratory Licensure and Certification
250 N.17th Avenue, Phoenix, Arizona 85007-3246

AIR

Parameter	EPA Method	Certified On
VOLATILE ORGANIC COMPOUNDS (VOCs)	METHOD TO-15	3/1/2024 12:00:00 AM
		Total Count: 1

SDW

Parameter	EPA Method	Certified On
ALKALINITY	SM 2320B (2011)	3/1/2024 12:00:00 AM
ALUMINUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
ALUMINUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
ANTIMONY	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
ARSENIC	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
BARIIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
BARIIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
BERYLLIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
BERYLLIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
BROMATE	EPA 300.1 (1.0)	3/1/2024 12:00:00 AM
BROMIDE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
BROMIDE	EPA 300.1 (1.0)	3/1/2024 12:00:00 AM
CADMIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
CADMIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
CALCIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
CARBON, DISSOLVED ORGANIC	SM 5310B (2011)	8/20/2024 12:00:00 AM
CARBON, TOTAL ORGANIC	SM 5310B (2011)	3/1/2024 12:00:00 AM
CHLORATE	EPA 300.1 (1.0)	3/1/2024 12:00:00 AM
CHLORIDE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
CHLORINE, TOTAL RESIDUAL AND FREE	SM 4500-CL G (2011)	5/21/2024 10:13:59 AM
CHLORITE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
CHROMIUM TOTAL	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
CHROMIUM TOTAL	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
COLOR	SM 2120B (2011)	3/1/2024 12:00:00 AM
COPPER	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM

SDW

Parameter	EPA Method	Certified On
COPPER	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
CYANIDE	KELADA-01	3/21/2024 12:00:00 AM
CYANIDE	SM 4500 CN C (2011)	3/1/2024 12:00:00 AM
CYANIDE	SM 4500 CN E (2011)	3/1/2024 12:00:00 AM
FLUORIDE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
HALOACETIC ACIDS AND DALAPON BY GC-ECD	EPA 552.2 (1.0)	3/1/2024 12:00:00 AM
HALOACETIC ACIDS AND DALAPON BY GC-ECD - ADDITIONAL	EPA 552.2 (1.0)	3/1/2024 12:00:00 AM
HARDNESS	EPA 200.7 (4.4), CA AND MG	3/1/2024 12:00:00 AM
HARDNESS	SM 2340 B (2011), CA AND MG	3/1/2024 12:00:00 AM
HARDNESS	SM 2340C (2011)	3/1/2024 12:00:00 AM
HYDROGEN ION (pH)	EPA 150.1	3/1/2024 12:00:00 AM
HYDROGEN ION (pH)	SM 4500-H B (2011)	3/1/2024 12:00:00 AM
IRON	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
LEAD	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
MAGNESIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
MAGNESIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
MANGANESE	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
MANGANESE	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
MERCURY	EPA 245.1 (3.0)	3/1/2024 12:00:00 AM
MOLYBDENUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
NICKEL	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
NICKEL	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
NITRATE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
NITRATE	EPA 353.2 (2.0)	3/1/2024 12:00:00 AM
NITRITE	EPA 353.2 (2.0)	3/1/2024 12:00:00 AM
NITRITE	SM 4500-NO2 B (2011)	3/1/2024 12:00:00 AM
NITRITE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
ORTHOPHOSPHATE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
ORTHOPHOSPHATE	SM 4500-P E (2011)	3/1/2024 12:00:00 AM
SELENIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM

SDW

Parameter	EPA Method	Certified On
SILICA	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SILICA	SM 4500-SIO2D (2011)	3/1/2024 12:00:00 AM
SILVER	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
SILVER	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SODIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SPECIFIC CONDUCTANCE	SM 2510B(2011)	3/1/2024 12:00:00 AM
SULFATE	EPA 300.0(2.1)	3/1/2024 12:00:00 AM
THALLIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
TURBIDITY, NEPHELOMETRIC (NTU)	SM 2130B (2011)	3/1/2024 12:00:00 AM
VANADIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
VOCS BY GC/MS	EPA 524.2 (4.1)	3/1/2024 12:00:00 AM
VOCS BY GC/MS-ADDITIONAL	EPA 524.2 (4.1)	3/1/2024 12:00:00 AM
ZINC	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
ZINC	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM

Total Count: 69

SW

Parameter	EPA Method	Certified On
ACID DIGESTION OF WATER	3005A	3/1/2024 12:00:00 AM
ALUMINIUM	6010D	3/21/2024 12:00:00 AM
ALUMINIUM	6020B	3/1/2024 12:00:00 AM
ALUMINUM	EPA 6010C	3/1/2024 12:00:00 AM
AMMONIA	EPA 350.3	3/1/2024 12:00:00 AM
ANTIMONY	6010D	3/21/2024 12:00:00 AM
ANTIMONY	EPA 6010C	3/1/2024 12:00:00 AM
ANTIMONY	6020B	3/1/2024 12:00:00 AM
ARSENIC	6010D	3/21/2024 12:00:00 AM
ARSENIC	EPA 6010C	3/1/2024 12:00:00 AM
ARSENIC	6020B	3/1/2024 12:00:00 AM
AUTOMATED SOXHLET EXTRACTION	EPA 3541	3/1/2024 12:00:00 AM
BARIUM	6010D	3/21/2024 12:00:00 AM
BARIUM	EPA 6010C	3/1/2024 12:00:00 AM
BARIUM	6020B	3/1/2024 12:00:00 AM

SW

Parameter	EPA Method	Certified On
BERYLLIUM	6010D	3/21/2024 12:00:00 AM
BERYLLIUM	EPA 6010C	3/1/2024 12:00:00 AM
BERYLLIUM	6020B	3/1/2024 12:00:00 AM
BORON	6010D	3/21/2024 12:00:00 AM
BORON	EPA 6010C	3/1/2024 12:00:00 AM
BROMIDE	EPA 9056A	3/1/2024 12:00:00 AM
CADMIUM	6010D	3/21/2024 12:00:00 AM
CADMIUM	EPA 6010C	3/1/2024 12:00:00 AM
CADMIUM	6020B	3/1/2024 12:00:00 AM
CALCIUM	6010D	3/21/2024 12:00:00 AM
CALCIUM	EPA 6010C	3/1/2024 12:00:00 AM
CALCIUM	6020B	3/1/2024 12:00:00 AM
CHLORIDE	EPA 9056A	3/1/2024 12:00:00 AM
CHLORIN. HERBS BY GC METHYLATION	EPA 8151A	3/1/2024 12:00:00 AM
CHROMIUM, HEXAVALENT	EPA 7196A	3/1/2024 12:00:00 AM
CHROMIUM, TOTAL	EPA 6010C	3/1/2024 12:00:00 AM
CHROMIUM, TOTAL	6020B	3/1/2024 12:00:00 AM
CHROMIUM, TOTAL	6010D	3/21/2024 12:00:00 AM
CLOSED SYSTEM PURGE AND TRAP EXTRACT. VOCS	EPA 5035A	3/1/2024 12:00:00 AM
COBALT	EPA 6010C	3/1/2024 12:00:00 AM
COBALT	6020B	3/1/2024 12:00:00 AM
COBALT	6010D	3/21/2024 12:00:00 AM
CONTINUOUS LIQUID-LIQUID EXTRACTION	EPA 3520C	3/1/2024 12:00:00 AM
COPPER	EPA 6010C	3/1/2024 12:00:00 AM
COPPER	6020B	3/1/2024 12:00:00 AM
COPPER	6010D	3/21/2024 12:00:00 AM
CORROSIVITY PH DETERMINATION	EPA 9040C	3/1/2024 12:00:00 AM
CYANIDE	EPA 9014	3/1/2024 12:00:00 AM
FLASH POINT BY PENSKEY MARTEMS CUP	EPA 1010A	3/1/2024 12:00:00 AM
IRON	EPA 6010C	3/1/2024 12:00:00 AM
IRON	6020B	3/1/2024 12:00:00 AM

SW

Parameter	EPA Method	Certified On
IRON	6010D	3/21/2024 12:00:00 AM
KJELDAHL, TOTAL NITROGEN	EPA 351.4	3/1/2024 12:00:00 AM
LEAD	6010D	3/21/2024 12:00:00 AM
LEAD	EPA 6010C	3/1/2024 12:00:00 AM
LEAD	6020B	3/1/2024 12:00:00 AM
LITHIUM	EPA 6010C	3/1/2024 12:00:00 AM
LITHIUM	6010D	3/21/2024 12:00:00 AM
MAGNESIUM	6010D	3/21/2024 12:00:00 AM
MAGNESIUM	EPA 6010C	3/1/2024 12:00:00 AM
MAGNESIUM	6020B	3/1/2024 12:00:00 AM
MANGANESE	EPA 6010C	3/1/2024 12:00:00 AM
MANGANESE	6020B	3/1/2024 12:00:00 AM
MANGANESE	6010D	3/21/2024 12:00:00 AM
MERCURY	EPA 7470A	3/1/2024 12:00:00 AM
MERCURY	EPA 7471B	3/1/2024 12:00:00 AM
MOLYBDENUM	6010D	3/21/2024 12:00:00 AM
MOLYBDENUM	EPA 6010C	3/1/2024 12:00:00 AM
NICKEL	6010D	3/21/2024 12:00:00 AM
NICKEL	6020B	3/1/2024 12:00:00 AM
NICKEL	EPA 6010C	3/1/2024 12:00:00 AM
NITRATE	EPA 9056A	3/1/2024 12:00:00 AM
OIL AND GREASE AND PETROLEUM HYDROCARBONS	EPA 1664B	3/1/2024 12:00:00 AM
ORGANIC COMPOUNDS IN WATER BY MICROEXTRACTION	EPA 3511	3/1/2024 12:00:00 AM
ORGANOCHLORINE PESTICIDES BY GC	EPA 8081B	3/1/2024 12:00:00 AM
ORGANOPHOSPHORUS COMPOUNDS BY GC	EPA 8141B	3/1/2024 12:00:00 AM
PCBS BY GC	EPA 8082A	3/1/2024 12:00:00 AM
PH (HYDROGEN ION)	EPA 9045D	3/1/2024 12:00:00 AM
PHOSPHORUS	6010D	3/21/2024 12:00:00 AM
PHOSPHORUS	EPA 6010C	3/1/2024 12:00:00 AM
POTASSIUM	6010D	3/21/2024 12:00:00 AM

SW

Parameter	EPA Method	Certified On
POTASSIUM	EPA 6010C	3/1/2024 12:00:00 AM
POTASSIUM	6020B	3/1/2024 12:00:00 AM
PURGE AND TRAP FOR AQUEOUS SAMPLES	EPA 5030C	3/1/2024 12:00:00 AM
SEDIMENTS, SLUDGES AND SOILS	EPA 3050B	3/1/2024 12:00:00 AM
SELENIUM	6010D	3/21/2024 12:00:00 AM
SELENIUM	6020B	3/1/2024 12:00:00 AM
SELENIUM	EPA 6010C	3/1/2024 12:00:00 AM
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	8270D/8000D	3/1/2024 12:00:00 AM
SEPARATORY FUNNEL LIQUID-LIQUID EXTRACTION	EPA 3510C	3/1/2024 12:00:00 AM
SILVER	6020B	3/1/2024 12:00:00 AM
SILVER	6010D	3/21/2024 12:00:00 AM
SILVER	EPA 6010C	3/1/2024 12:00:00 AM
SODIUM	6010D	3/21/2024 12:00:00 AM
SODIUM	EPA 6010C	3/1/2024 12:00:00 AM
SODIUM	6020B	3/1/2024 12:00:00 AM
SOXHLET EXTRACTION	EPA 3540C	3/1/2024 12:00:00 AM
SPE	EPA 3535A	3/1/2024 12:00:00 AM
SPLP	EPA 1312	3/1/2024 12:00:00 AM
STRONTIUM	EPA 6010C	3/1/2024 12:00:00 AM
STRONTIUM	6010D	3/21/2024 12:00:00 AM
SULFATE	EPA 9056A	3/1/2024 12:00:00 AM
SULFIDES	EPA 9034	6/7/2024 12:00:00 AM
SULFIDES	EPA 9030B	6/7/2024 12:00:00 AM
TCLP	EPA 1311	3/1/2024 12:00:00 AM
THALLIUM	6010D	3/21/2024 12:00:00 AM
THALLIUM	EPA 6010C	3/1/2024 12:00:00 AM
THALLIUM	6020B	3/1/2024 12:00:00 AM
TIN	6010D	3/21/2024 12:00:00 AM
TIN	EPA 6010C	3/1/2024 12:00:00 AM
TITANIUM	6010D	3/1/2024 12:00:00 AM

SW

Parameter	EPA Method	Certified On
TOTAL METALS	EPA 3010A	3/1/2024 12:00:00 AM
TOTAL RECOVERABLE IN WATER	EPA 3005A	3/1/2024 12:00:00 AM
VANADIUM	6010D	3/21/2024 12:00:00 AM
VANADIUM	EPA 6010C	3/1/2024 12:00:00 AM
VANADIUM	6020B	3/1/2024 12:00:00 AM
VOCs by GC/MS, INCLUDING N-HEXANE	EPA 8260B	6/4/2024 12:00:00 AM
VOCs by GC/MS, INCLUDING N-HEXANE	EPA 8260C/8000D	6/4/2024 12:00:00 AM
ZINC	6010D	3/21/2024 12:00:00 AM
ZINC	EPA 6010C	3/1/2024 12:00:00 AM
ZINC	6020B	3/1/2024 12:00:00 AM

Total Count: 116

WW

Parameter	EPA Method	Certified On
ACIDITY	SM 2310B (2011)	
ALKALINITY, TOTAL	SM 2320B (2011)	3/1/2024 12:00:00 AM
ALUMINUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
ALUMINUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
AMMONIA	EPA 350.1 (2.0)	3/1/2024 12:00:00 AM
AMMONIA	SM 4500-NH3 D (2011)	6/4/2024 12:00:00 AM
ANTIMONY	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
ANTIMONY	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
ARSENIC	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
ARSENIC	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
BARIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
BARIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
BASE/NEUTRALS AND ACIDS BY GC/MS (12/2016)	625.1	3/1/2024 12:00:00 AM
BERYLLIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
BERYLLIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
BIOCHEMICAL OXYGEN DEMAND/CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND	SM 5210B (2011)	3/1/2024 12:00:00 AM
BORON	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM

WW

Parameter	EPA Method	Certified On
BROMIDE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
CADMIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
CADMIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
CALCIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
CARBON, TOTAL ORGANIC (TOC)	SM 5310 B (2011)	3/21/2024 12:00:00 AM
CHEMICAL OXYGEN DEMAND	EPA 410.4 (2.0)	3/21/2024 12:00:00 AM
CHEMICAL OXYGEN DEMAND	SM 5220 D (2011)	3/1/2024 12:00:00 AM
CHLORIDE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
CHLORINATED HERBICIDES	EPA 615	3/1/2024 12:00:00 AM
CHLORINE TOTAL RESIDUAL	SM 4500-CL G (2011)	3/1/2024 12:00:00 AM
CHROMIUM TOTAL	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
CHROMIUM TOTAL	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
CHROMIUM(VI) HEXAVALENT	SM 3500-CR B (2011)	6/4/2024 12:00:00 AM
CHROMIUM, HEXAVALENT	EPA 218.6 (3.3)	6/7/2024 12:00:00 AM
COBALT	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
COBALT	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
COLOR	SM 2120 B (2011)	3/1/2024 12:00:00 AM
COPPER	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
COPPER	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
CYANIDE AMENABLE TO CHLORINATION	SM 4500-CN G	7/17/2024 11:03:58 AM
CYANIDE, AVAILABLE	KELADA-01	3/1/2024 12:00:00 AM
CYANIDE, AVAILABLE	4500-CN G (2011)	7/15/2024 12:00:00 AM
CYANIDE, TOTAL	KELADA-01	3/1/2024 12:00:00 AM
CYANIDE, TOTAL	SM 4500-CN BCE (2011)	3/1/2024 12:00:00 AM
FLUORIDE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
HARDNESS	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
HYDROGEN ION (pH)	SM 4500-H B (2011)	3/1/2024 12:00:00 AM
HYDROGEN ION (PH)	EPA 150.2	3/1/2024 12:00:00 AM
IRON	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
IRON	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
KJELDAHL, TOTAL NITROGEN	SM 4500-NH3 D (2011)	6/4/2024 12:00:00 AM

WW

Parameter	EPA Method	Certified On
LEAD	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
LEAD	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
LITHIUM	EPA 200.7 (4.4)	3/21/2024 12:00:00 AM
MAGNESIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
MAGNESIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
MANGANESE	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
MANGANESE	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
MERCURY	EPA 245.1 (3.0)	3/1/2024 12:00:00 AM
MOLYBDENUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
MOLYBDENUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
NICKEL	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
NICKEL	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
NITRATE (AS N)	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
NITRATE-NITRITE (AS N)	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
NITRATE-NITRITE (AS N)	EPA 353.2 (2.0)	3/1/2024 12:00:00 AM
NITRITE (AS N)	SM 4500-NO2 B (2011)	3/1/2024 12:00:00 AM
OIL AND GREASE AND PETROLEUM HYDROCARBONS	EPA 1664 REV B	3/1/2024 12:00:00 AM
ORGANOCHLORINE PESTICIDES AND PCBS	EPA 608.3	6/4/2024 12:00:00 AM
ORGANOPHOSPHORUS PESTICIDES	EPA 614	3/1/2024 12:00:00 AM
ORTHOPHOSPHATE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
ORTHOPHOSPHATE	SM 4500-P E (2011)	6/4/2024 12:00:00 AM
OXYGEN, DISSOLVED	SM 4500-O G (2011)	6/4/2024 12:00:00 AM
PHOSPHORUS, TOTAL	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
PHOSPHORUS, TOTAL	SM 4500-P E (2011)	6/4/2024 12:00:00 AM
POLYNUCLEAR AROMATIC HYDROCARBONS	EPA 610	3/1/2024 12:00:00 AM
POTASSIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
POTASSIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
PURGABLE BY GC/MS (12/2016)	EPA 624.1	3/1/2024 12:00:00 AM
RESIDUE NONFILTERABLE (TSS)	SM 2540D (2011)	3/1/2024 12:00:00 AM
RESIDUE TOTAL	SM 2540B (2011)	3/21/2024 12:00:00 AM

WW

Parameter	EPA Method	Certified On
RESIDUE VOLATILE	SM 2540E (2011)	3/1/2024 12:00:00 AM
RESIDUE, FILTERABLE (TDS)	SM 2540C (2011)	3/1/2024 12:00:00 AM
SELENIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
SELENIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SILICA, DISSOLVED	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SILVER	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SILVER	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
SODIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SODIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
SPECIFIC CONDUCTANCE	EPA 120.1 (1982)	6/4/2024 12:00:00 AM
SPECIFIC CONDUCTANCE	SM 2510B (2011)	3/1/2024 12:00:00 AM
STRONTIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
SULFATE	EPA 300.0 (2.1)	3/1/2024 12:00:00 AM
SULFIDE	SM 4500-S2- F (2011)	6/4/2024 12:00:00 AM
THALLIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
THALLIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
TIN	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
TIN	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
TITANIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
TITANIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
TOTAL, FIXED AND VOLATILE SOLIDS IN SLUDGE	SM 2540G (2011)	6/4/2024 12:00:00 AM
TURBIDITY, NTU	SM 2130B (2011)	3/1/2024 12:00:00 AM
TURBIDITY, NTU	EPA 180.1 (2.0)	3/1/2024 12:00:00 AM
VANADIUM	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
VANADIUM	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM
ZINC	EPA 200.7 (4.4)	3/1/2024 12:00:00 AM
ZINC	EPA 200.8 (5.4)	3/1/2024 12:00:00 AM

Total Count: 105

Instrument

Instrument	Instrument Code	Quantity	Certified On
ION CHROMATOGRAPH	IC	3	11/2/2023 4:04:47 PM

Instrument

Instrument	Instrument Code	Quantity	Certified On
MERCURY ANALYZER	MA	2	11/2/2023 4:04:47 PM
TOTAL ORGANIC ANALYZER	TOX	1	11/2/2023 4:04:47 PM
GAS CHROMATOGRAPH/MASS SPECTROMETER	GC/MS	11	11/2/2023 3:14:17 PM
ATOMIC ABSORPTION SPECTROPHOTOMETER	AA	1	11/2/2023 3:14:17 PM
GAS CHROMATOGRAPH	GC	20	11/2/2023 3:14:17 PM
INDUCTIVELY COUPLED PLASMA SPECTROMETER	ICP	3	11/2/2023 3:14:17 PM
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	ICP/MS	3	11/2/2023 3:14:17 PM

Total Count: 8

Software

Software Code	Certified On
OTHER - GC	11/2/2023 4:04:48 PM
OTHER - GC/MS	11/2/2023 4:04:48 PM
OTHER - ICP/MS	11/2/2023 4:04:48 PM
OTHER - IC	11/2/2023 4:04:48 PM
OTHER - MERCURY ANALYZER	11/2/2023 4:04:48 PM
OTHER - TOTAL ORGANIC HALIDE	11/2/2023 4:04:48 PM
OTHER - AA	11/2/2023 3:14:17 PM
OTHER - ICP	11/2/2023 4:04:48 PM

Total Count: 8