



State of Utah
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 Governor
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Utah Department of Health

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EPA Number: ID00019

Attachment to Certificate Number: ID000192015-1

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SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: CWA (Non Potable Water)

Method ASTM D1576-08

Nitrogen 7/1/2015 6/30/2016 UT

Method ASTM D7237-10

Free cyanide 7/1/2015 6/30/2016 UT

Method EPA 120.1

Conductivity 7/1/2015 6/30/2016 UT

Method EPA 180.1

Turbidity 7/1/2015 6/30/2016 UT

Method EPA 200.7

Aluminum 7/1/2015 6/30/2016 UT

Antimony 7/1/2015 6/30/2016 UT

Arsenic 7/1/2015 6/30/2016 UT

Barium 7/1/2015 6/30/2016 UT

Beryllium 7/1/2015 6/30/2016 UT

Boron 7/1/2015 6/30/2016 UT

Cadmium 7/1/2015 6/30/2016 UT

Calcium 7/1/2015 6/30/2016 UT

Chromium 7/1/2015 6/30/2016 UT

Cobalt 7/1/2015 6/30/2016 UT

Copper 7/1/2015 6/30/2016 UT

Iron 7/1/2015 6/30/2016 UT

Lead 7/1/2015 6/30/2016 UT

Lithium 7/1/2015 6/30/2016 UT

Magnesium 7/1/2015 6/30/2016 UT

Manganese 7/1/2015 6/30/2016 UT

Molybdenum 7/1/2015 6/30/2016 UT

Nickel 7/1/2015 6/30/2016 UT

Potassium 7/1/2015 6/30/2016 UT

Selenium 7/1/2015 6/30/2016 UT

Silica as SiO2 7/1/2015 6/30/2016 UT

Silver 7/1/2015 6/30/2016 UT

Sodium 7/1/2015 6/30/2016 UT

Strontium 7/1/2015 6/30/2016 UT

Thallium 7/1/2015 6/30/2016 UT

Tin 7/1/2015 6/30/2016 UT



SVL Analytical, Inc.

	Start Date	Expires	AB
Program/Matrix: CWA (Non Potable Water)			
Titanium	7/1/2015	6/30/2016	UT
Total hardness as CaCO3	7/1/2015	6/30/2016	UT
Vanadium	7/1/2015	6/30/2016	UT
Zinc	7/1/2015	6/30/2016	UT
Method EPA 200.8			
Aluminum	7/1/2015	6/30/2016	UT
Antimony	7/1/2015	6/30/2016	UT
Arsenic	7/1/2015	6/30/2016	UT
Barium	7/1/2015	6/30/2016	UT
Beryllium	7/1/2015	6/30/2016	UT
Cadmium	7/1/2015	6/30/2016	UT
Chromium	7/1/2015	6/30/2016	UT
Cobalt	7/1/2015	6/30/2016	UT
Copper	7/1/2015	6/30/2016	UT
Iron	7/1/2015	6/30/2016	UT
Lead	7/1/2015	6/30/2016	UT
Magnesium	7/1/2015	6/30/2016	UT
Manganese	7/1/2015	6/30/2016	UT
Molybdenum	7/1/2015	6/30/2016	UT
Nickel	7/1/2015	6/30/2016	UT
Selenium	7/1/2015	6/30/2016	UT
Silver	7/1/2015	6/30/2016	UT
Thallium	7/1/2015	6/30/2016	UT
Uranium	7/1/2015	6/30/2016	UT
Vanadium	7/1/2015	6/30/2016	UT
Zinc	7/1/2015	6/30/2016	UT
Method EPA 231.2			
Gold	7/1/2015	6/30/2016	UT
Method EPA 245.1			
Mercury	7/1/2015	6/30/2016	UT
Method EPA 300.0			
Bromide	7/1/2015	6/30/2016	UT
Chloride	7/1/2015	6/30/2016	UT
Fluoride	7/1/2015	6/30/2016	UT
Nitrate as N	7/1/2015	6/30/2016	UT
Nitrate-nitrite	7/1/2015	6/30/2016	UT
Nitrite as N	7/1/2015	6/30/2016	UT
Sulfate	7/1/2015	6/30/2016	UT
Method EPA 335.4			
Total cyanide	7/1/2015	6/30/2016	UT
Method EPA 350.1			
Ammonia as N	7/1/2015	6/30/2016	UT
Method EPA 351.2			
Kjeldahl nitrogen - total	7/1/2015	6/30/2016	UT
Method EPA 353.2			
Nitrate-nitrite	7/1/2015	6/30/2016	UT

SVL Analytical, Inc.

	Start Date	Expires	AB
Program/Matrix: CWA (Non Potable Water)			
Method EPA 410.4			
Chemical oxygen demand	7/1/2015	6/30/2016	UT
Method SM 2120 B-2011			
Color	7/1/2015	6/30/2016	UT
Method SM 2310 B-2011			
Acidity, as CaCO ₃	7/1/2015	6/30/2016	UT
Method SM 2320 B-2011			
Alkalinity as CaCO ₃	7/1/2015	6/30/2016	UT
Method SM 2330 B-1993			
Corrosivity (langlier index)	7/1/2015	6/30/2016	UT
Method SM 2340 B-2011			
Total hardness as CaCO ₃	7/1/2015	6/30/2016	UT
Method SM 2510 B-2011			
Conductivity	7/1/2015	6/30/2016	UT
Method SM 2540 B-2011			
Residue-total	7/1/2015	6/30/2016	UT
Method SM 2540 C-2011			
Residue-filterable (TDS)	7/1/2015	6/30/2016	UT
Method SM 2540 D-2011			
Residue-nonfilterable (TSS)	7/1/2015	6/30/2016	UT
Method SM 2540 E-2011			
Residue-volatile	7/1/2015	6/30/2016	UT
Method SM 3500-Cr B-2011			
Chromium VI	7/1/2015	6/30/2016	UT
Method SM 4500-H+ B-2011			
pH	7/1/2015	6/30/2016	UT
Method SM 4500-P E-2011			
Orthophosphate as P	7/1/2015	6/30/2016	UT
Phosphorus, total	7/1/2015	6/30/2016	UT
Method SM 4500-S₂⁻ F-2011			
Sulfide	7/1/2015	6/30/2016	UT
Method SM 5310 B-2011			
Dissolved organic carbon (DOC)	7/1/2015	6/30/2016	UT
Total organic carbon	7/1/2015	6/30/2016	UT
Method SM 5540 C			
Surfactants - MBAS	7/1/2015	6/30/2016	UT
Method SVL 4029			
Specific Gravity	7/1/2015	6/30/2016	UT
Method SVL 4082			
Arsenic (III)	7/1/2015	6/30/2016	UT
Arsenic (V)	7/1/2015	6/30/2016	UT

SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: RCRA (Non Potable Water)**Method EPA 1010A**

Ignitability 7/1/2015 6/30/2016 UT

Method EPA 6010C

Aluminum	7/1/2015	6/30/2016	UT
Antimony	7/1/2015	6/30/2016	UT
Arsenic	7/1/2015	6/30/2016	UT
Barium	7/1/2015	6/30/2016	UT
Beryllium	7/1/2015	6/30/2016	UT
Boron	7/1/2015	6/30/2016	UT
Cadmium	7/1/2015	6/30/2016	UT
Calcium	7/1/2015	6/30/2016	UT
Chromium	7/1/2015	6/30/2016	UT
Cobalt	7/1/2015	6/30/2016	UT
Copper	7/1/2015	6/30/2016	UT
Iron	7/1/2015	6/30/2016	UT
Lead	7/1/2015	6/30/2016	UT
Lithium	7/1/2015	6/30/2016	UT
Magnesium	7/1/2015	6/30/2016	UT
Manganese	7/1/2015	6/30/2016	UT
Molybdenum	7/1/2015	6/30/2016	UT
Nickel	7/1/2015	6/30/2016	UT
Potassium	7/1/2015	6/30/2016	UT
Selenium	7/1/2015	6/30/2016	UT
Silicon	7/1/2015	6/30/2016	UT
Silver	7/1/2015	6/30/2016	UT
Sodium	7/1/2015	6/30/2016	UT
Thallium	7/1/2015	6/30/2016	UT
Tin	7/1/2015	6/30/2016	UT
Titanium	7/1/2015	6/30/2016	UT
Vanadium	7/1/2015	6/30/2016	UT
Zinc	7/1/2015	6/30/2016	UT

Method EPA 6020A

Antimony	7/1/2015	6/30/2016	UT
Arsenic	7/1/2015	6/30/2016	UT
Barium	7/1/2015	6/30/2016	UT
Beryllium	7/1/2015	6/30/2016	UT
Cadmium	7/1/2015	6/30/2016	UT
Chromium	7/1/2015	6/30/2016	UT
Copper	7/1/2015	6/30/2016	UT
Lead	7/1/2015	6/30/2016	UT
Manganese	7/1/2015	6/30/2016	UT
Molybdenum	7/1/2015	6/30/2016	UT
Nickel	7/1/2015	6/30/2016	UT
Selenium	7/1/2015	6/30/2016	UT
Silver	7/1/2015	6/30/2016	UT
Thallium	7/1/2015	6/30/2016	UT
Vanadium	7/1/2015	6/30/2016	UT
Zinc	7/1/2015	6/30/2016	UT

SVL Analytical, Inc.

Start Date Expires AB**Program/Matrix: RCRA (Non Potable Water)**

Method EPA 7470A Mercury	7/1/2015	6/30/2016	UT
Method EPA/600/2-78/054 Sec 3.2.2 Paste pH	7/1/2015	6/30/2016	UT
Method SM 4500-CN⁻ I-2011 Weak Acid Dissociable Cyanide	7/1/2015	6/30/2016	UT
Method SVL 4061 Acid Neutriliing Potential	7/1/2015	6/30/2016	UT

SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: RCRA (Solid & Hazardous Material)**Method ASTM E1915-11**

Sulfur	7/1/2015	6/30/2016	UT
Total Carbon	7/1/2015	6/30/2016	UT

Method ASTM E2242-12

Meteoric water mobility procedure	7/1/2015	6/30/2016	UT
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Method CA Waste Extraction Test (WET)

Preparation/Extraction	7/1/2015	6/30/2016	UT
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Method EPA 1010A

Ignitability	7/1/2015	6/30/2016	UT
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Method EPA 1311

Toxicity Characteristic Leaching Procedure (TCLP)	7/1/2015	6/30/2016	UT
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Method EPA 1312

Synthetic Precipitation Leaching Procedure (SCLP)	7/1/2015	6/30/2016	UT
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Method EPA 6010C

Aluminum	7/1/2015	6/30/2016	UT
Antimony	7/1/2015	6/30/2016	UT
Arsenic	7/1/2015	6/30/2016	UT
Barium	7/1/2015	6/30/2016	UT
Beryllium	7/1/2015	6/30/2016	UT
Boron	7/1/2015	6/30/2016	UT
Cadmium	7/1/2015	6/30/2016	UT
Calcium	7/1/2015	6/30/2016	UT
Chromium	7/1/2015	6/30/2016	UT
Cobalt	7/1/2015	6/30/2016	UT
Copper	7/1/2015	6/30/2016	UT
Iron	7/1/2015	6/30/2016	UT
Lead	7/1/2015	6/30/2016	UT
Lithium	7/1/2015	6/30/2016	UT
Magnesium	7/1/2015	6/30/2016	UT
Manganese	7/1/2015	6/30/2016	UT
Molybdenum	7/1/2015	6/30/2016	UT
Nickel	7/1/2015	6/30/2016	UT
Phosphorus, total	7/1/2015	6/30/2016	UT
Potassium	7/1/2015	6/30/2016	UT
Selenium	7/1/2015	6/30/2016	UT
Silver	7/1/2015	6/30/2016	UT
Sodium	7/1/2015	6/30/2016	UT
Strontium	7/1/2015	6/30/2016	UT
Thallium	7/1/2015	6/30/2016	UT
Tin	7/1/2015	6/30/2016	UT
Titanium	7/1/2015	6/30/2016	UT
Vanadium	7/1/2015	6/30/2016	UT
Zinc	7/1/2015	6/30/2016	UT

Method EPA 6020A

Antimony	7/1/2015	6/30/2016	UT
Arsenic	7/1/2015	6/30/2016	UT
Barium	7/1/2015	6/30/2016	UT

SVL Analytical, Inc.

	Start Date	Expires	AB
Program/Matrix: RCRA (Solid & Hazardous Material)			
Beryllium	7/1/2015	6/30/2016	UT
Cadmium	7/1/2015	6/30/2016	UT
Chromium	7/1/2015	6/30/2016	UT
Copper	7/1/2015	6/30/2016	UT
Lead	7/1/2015	6/30/2016	UT
Manganese	7/1/2015	6/30/2016	UT
Molybdenum	7/1/2015	6/30/2016	UT
Nickel	7/1/2015	6/30/2016	UT
Selenium	7/1/2015	6/30/2016	UT
Silver	7/1/2015	6/30/2016	UT
Thallium	7/1/2015	6/30/2016	UT
Vanadium	7/1/2015	6/30/2016	UT
Zinc	7/1/2015	6/30/2016	UT
Method EPA 7471B			
Mercury	7/1/2015	6/30/2016	UT
Method EPA 9012B			
Total cyanide	7/1/2015	6/30/2016	UT
Method EPA 9045D			
pH	7/1/2015	6/30/2016	UT
Method SM 4500-CN⁻ I-2011			
Weak Acid Dissociable Cyanide	7/1/2015	6/30/2016	UT
Method SVL 4060			
Loss On Ignition (LOI)	7/1/2015	6/30/2016	UT
Method SVL 4061			
Sulfur	7/1/2015	6/30/2016	UT
Method SVL 4123			
Percent Silica	7/1/2015	6/30/2016	UT
Method SVL 4125			
Chromium VI	7/1/2015	6/30/2016	UT
Method SVL 4130			
Net Acid Generation	7/1/2015	6/30/2016	UT
Method SVL 4131			
Free cyanide	7/1/2015	6/30/2016	UT
Method SVL 4139			
Total organic carbon	7/1/2015	6/30/2016	UT
Method TKN plus Total Nitrate-nitrite			
Total Nitrogen	7/1/2015	6/30/2016	UT

SVL Analytical, Inc.

Start Date Expires AB

Program/Matrix: SDWA (Potable Water)**Method EPA 180.1**

Turbidity 7/1/2015 6/30/2016 UT

Method EPA 200.7

Aluminum 7/1/2015 6/30/2016 UT

Barium 7/1/2015 6/30/2016 UT

Boron 7/1/2015 6/30/2016 UT

Cadmium 7/1/2015 6/30/2016 UT

Calcium 7/1/2015 6/30/2016 UT

Chromium 7/1/2015 6/30/2016 UT

Copper 7/1/2015 6/30/2016 UT

Iron 7/1/2015 6/30/2016 UT

Magnesium 7/1/2015 6/30/2016 UT

Manganese 7/1/2015 6/30/2016 UT

Molybdenum 7/1/2015 6/30/2016 UT

Nickel 7/1/2015 6/30/2016 UT

Silica as SiO₂ 7/1/2015 6/30/2016 UT

Silver 7/1/2015 6/30/2016 UT

Sodium 7/1/2015 6/30/2016 UT

Total hardness as CaCO₃ 7/1/2015 6/30/2016 UT

Vanadium 7/1/2015 6/30/2016 UT

Zinc 7/1/2015 6/30/2016 UT

Method EPA 200.8

Antimony 7/1/2015 6/30/2016 UT

Arsenic 7/1/2015 6/30/2016 UT

Barium 7/1/2015 6/30/2016 UT

Beryllium 7/1/2015 6/30/2016 UT

Cadmium 7/1/2015 6/30/2016 UT

Chromium 7/1/2015 6/30/2016 UT

Copper 7/1/2015 6/30/2016 UT

Lead 7/1/2015 6/30/2016 UT

Manganese 7/1/2015 6/30/2016 UT

Molybdenum 7/1/2015 6/30/2016 UT

Nickel 7/1/2015 6/30/2016 UT

Selenium 7/1/2015 6/30/2016 UT

Silver 7/1/2015 6/30/2016 UT

Thallium 7/1/2015 6/30/2016 UT

Vanadium 7/1/2015 6/30/2016 UT

Zinc 7/1/2015 6/30/2016 UT

Method EPA 245.1

Mercury 7/1/2015 6/30/2016 UT

Method EPA 300.0

Bromide 7/1/2015 6/30/2016 UT

Chloride 7/1/2015 6/30/2016 UT

Fluoride 7/1/2015 6/30/2016 UT

Nitrate as N 7/1/2015 6/30/2016 UT

Nitrate-nitrite 7/1/2015 6/30/2016 UT

Nitrite as N 7/1/2015 6/30/2016 UT

SVL Analytical, Inc.

	Start Date	Expires	AB
Program/Matrix: SDWA (Potable Water)			
Sulfate	7/1/2015	6/30/2016	UT
Method EPA 335.4			
Total cyanide	7/1/2015	6/30/2016	UT
Method EPA 353.2			
Nitrate-nitrite	7/1/2015	6/30/2016	UT
Method SM 2120 B-2011			
Color	7/1/2015	6/30/2016	UT
Method SM 2150 B-1997			
Odor	7/1/2015	6/30/2016	UT
Method SM 2320 B-2011			
Alkalinity as CaCO ₃	7/1/2015	6/30/2016	UT
Method SM 2330 B-1993			
Corrosivity (langlier index)	7/1/2015	6/30/2016	UT
Method SM 2340 B-2011			
Total hardness as CaCO ₃	7/1/2015	6/30/2016	UT
Method SM 2510 B-2011			
Conductivity	7/1/2015	6/30/2016	UT
Method SM 2540 C-2011			
Residue-filterable (TDS)	7/1/2015	6/30/2016	UT
Method SM 4500-H+ B-2011			
pH	7/1/2015	6/30/2016	UT
Method SM 4500-P E			
Orthophosphate as P	7/1/2015	6/30/2016	UT
Method SM 5310 B			
Dissolved organic carbon (DOC)	7/1/2015	6/30/2016	UT
Total organic carbon	7/1/2015	6/30/2016	UT
Method SM 5540 C			
Surfactants - MBAS	7/1/2015	6/30/2016	UT

The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method.

The analytes by method which a laboratory is authorized to perform at any given time will be those indicated in the most recent certificate letter. The most recent certification letter supersedes all previous certification or authorization letters. It is the certified laboratory's responsibility to review this letter for discrepancies. The certified laboratory must document any discrepancies in this letter and send notice to this bureau within 15 days of receipt. This certificate letter will be recalled in the event your laboratory's certification is revoked.