



**Master List of SVL SOPs**  
 Updated: 5/3/2021

<b>1000 Series: Safety and Quality Assurance</b>		
<a href="#">QM</a>	QUALITY MANUAL	February 2020
<a href="#">CHP</a>	CHEMICAL HYGIENE PLAN	September 2020
<a href="#">SVL 1001</a>	SAMPLE DISPOSAL	05/22/2020, 11.3
<a href="#">SVL 1002</a>	WRITING AND REVISING STANDARD OPERATING PROCEDURES	12/22/2020, 16.2
<a href="#">SVL 1004</a>	CALIBRATING THERMOMETERS	12/22/2020, 17.3
<a href="#">SVL 1005</a>	INTERNAL QUALITY ASSURANCE AUDITS	12/22/2020, 13.1
<a href="#">SVL 1007</a>	SOIL STERILIZATION	11/06/2020, 11.2
<a href="#">SVL 1008</a>	DISPOSAL OF HAZARDOUS WASTE	07/22/2020, 11.1
<a href="#">SVL 1010</a>	TRAINING	11/06/2020, 16.1
<a href="#">SVL 1011</a>	PERFORMING IDL AND MDL STUDIES	02/18/2021, 17.3
<a href="#">SVL 1015</a>	PROCUREMENT, RECEIVING, AND SUBCONTRACTING	02/18/2021, 12.1
<a href="#">SVL 1017</a>	RECORDS RETENTION AND PROTECTION	12/22/2020, 11.2
<a href="#">SVL 1019</a>	CORRECTIVE ACTION	04/13/2020, 10.1
<a href="#">SVL 1020</a>	CALIBRATION FOR ANALYTICAL METHODS	05/22/2020, 9.3
<a href="#">SVL 1021</a>	MANUAL INTEGRATION	02/10/2021, 8.2
<a href="#">SVL 1023</a>	SOFTWARE VERIFICATION	05/25/2020, 6.4
<a href="#">SVL 1025</a>	CALIBRATING BALANCES	02/18/2021, 8.1
<a href="#">SVL 1026</a>	CALIBRATING MICROPIPETS, REPIPETTORS, AND GLASSWARE	01/26/2021, 10.0
<a href="#">SVL 1028</a>	CALCULATIONS FOR ANALYTICAL METHODS	06/11/2020, 8.1

<a href="#">SVL 1029</a>	PERFORMANCE TESTING SAMPLES	12/23/2020, 10.2
<a href="#">SVL 1030</a>	INITIAL, PERIODIC AND AFTER-MAINTENANCE CHECKS	02/18/2021, 9.0
<a href="#">SVL 1031</a>	COMPUTER AND INFORMATION SECURITY POLICY	07/22/2020, 4.3
<a href="#">SVL 1032</a>	CHEMICALS, REAGENTS, PREPARED STANDARDS, AND QC SOLUTIONS	12/23/2020, 9.1
<a href="#">SVL 1033</a>	ACCEPTANCE LIMITS, AND TRENDING	12/23/2020, 8.3
<a href="#">SVL 1034</a>	PROJECT MANAGEMENT	08/25/2020, 4.0
<b>2000 SERIES: SAMPLE AND DOCUMENT MANAGEMENT</b>		
<a href="#">SVL 2001</a>	SAMPLE RECEIVING	12/30/2020, 19.1
<a href="#">SVL 2003</a>	WORK ORDER CREATION	12/24/2020, 12.2
<a href="#">SVL 2004</a>	SAMPLE STORAGE & SECURITY	03/24/2021, 16.1
<a href="#">SVL 2006</a>	DATA CORRECTIONS	05/25/2020, 9.1
<a href="#">SVL 2007</a>	CASE FILE ASSEMBLY	12/24/2020, 10.0
<a href="#">SVL 2009</a>	DATA REVIEW	09/30/2020, 19.0
<a href="#">SVL 2013</a>	DATA PACKAGE PRODUCTION	12/24/2020, 11.0
<a href="#">SVL 2017</a>	LOGBOOK CONTROL	02/10/2021, 12.1
<a href="#">SVL 2018</a>	PREPARATION AND SUBSAMPLING OF EARTH, ROCK AND TISSUE SAMPLES	11/18/2020, 10.0
<a href="#">SVL 2019</a>	REANALYSIS	11/30/2020, 9.0
<a href="#">SVL 2020</a>	COMPUTER - RESIDENT SAMPLE DATA CONTROL	09/24/2020, 9.2
<a href="#">SVL 2021</a>	DATA BACKUP AND RESTORE	02/25/2021, 5.3
<a href="#">SVL 2022</a>	SAMPLE RECEIVING – FOREIGN SOILS	12/24/2020, 4.2
<a href="#">SVL 2023</a>	LEVEL 3 ELEMENT PRODUCED DATA PACKAGE	12/24/2020, 2.2
<b>4000 SERIES: INORGANIC</b>		
<a href="#">SVL 4010</a>	EPA 245.1, SW-846 7470A AND 7471B; DETERMINATION OF MERCURY (CVAA)	11/09/2020, 23.1

<a href="#">SVL 4012</a>	EPA 335.4 AND SW-846 9012B; TOTAL CYANIDE BY MICRODIST™ FOLLOWED BY AUTOMATED COLORIMETRY	10/05/2020, 23.0
<a href="#">SVL 4013</a>	GLASSWARE WASHING FOR CLASSICAL CHEMISTRY	05/25/2020, 13.1
<a href="#">SVL 4021</a>	FILTER DIGESTION	05/25/2020, 10.5
<a href="#">SVL 4022</a>	PERCENT SOLID / PERCENT MOISTURE	03/24/2021, 10.9
<a href="#">SVL 4024</a>	SM 2120 B; COLOR	11/09/2020, 12.1
<a href="#">SVL 4025</a>	EPA 120.1 AND SM 2510 B; CONDUCTIVITY	02/10/2021, 15.0
<a href="#">SVL 4026</a>	EPA 180.1; TURBIDITY	08/17/2020, 18.2
<a href="#">SVL 4028</a>	SM 4500 H <sup>+</sup> B; pH	12/24/2020, 14.2
<a href="#">SVL 4029</a>	SPECIFIC GRAVITY	03/24/2021, 10.2
<a href="#">SVL 4031</a>	SM 2310 B; ACIDITY	12/25/2020, 16.1
<a href="#">SVL 4032</a>	SM 4500 S <sup>2</sup> F; SULFIDES BY TITRATION	12/25/2020, 16.1
<a href="#">SVL 4034</a>	SM 2540 C AND SM 2540 D; TOTAL DISSOLVED SOLIDS AND TOTAL SUSPENDED SOLIDS	12/25/2020, 16.0
<a href="#">SVL 4035</a>	SM 2540 B AND SM 2540 E; TOAL SOLIDS AND VOLATILE SOLIDS	04/21/2021, 13.4
<a href="#">SVL 4037</a>	SM 5540 C; METHYLENE BLUE ACTIVE SUBSTANCES	04/27/2021, 15.1
<a href="#">SVL 4040</a>	SM 4500 P E; TOTAL PHOSPHOROUS	06/19/2020, 21.1
<a href="#">SVL 4042</a>	SM 4500 P E; ORTHO-PHOSPHATE (AS P)	09/29/2020, 16.2
<a href="#">SVL 4043</a>	EPA 410.4; CHEMICAL OXYGEN DEMAND	09/29/2020, 20.1
<a href="#">SVL 4045</a>	EPA 351.2; TOTAL KJELDAHL NITROGEN	05/21/2020, 23.0
<a href="#">SVL 4048</a>	EPA 353.2 NITRATE/NITRITE AS N; AUTOMATED CADMIUM REDUCTION	12/21/2020, 22.0
<a href="#">SVL 4049</a>	SW-846 9081; CATION EXCHANGE CAPACITY	02/18/2021, 9.9
<a href="#">SVL 4060</a>	LOSS ON IGNITION	11/27/2020, 13.5
<a href="#">SVL 4061</a>	EPA 600/2-78-056; AGP, ANP AND ABA	07/07/2020, 19.0
<a href="#">SVL 4065</a>	ASTM E-2242-13; METEORIC WATER MOBILITY EXTRACTION	12/25/2020, 10.3
<a href="#">SVL 4068</a>	SW-846 1312; SYNTHETIC PRECIPITATION LEACHING PROCEDURE	12/25/2020, 11.3
<a href="#">SVL 4075</a>	SM 4500 CN I; WAD CYANIDE B MIDI DISTILLATION FOLLOWED BY	10/06/2020, 17.0

	SEMI-AUTOMATED COLORIMETRY	
<a href="#">SVL 4078</a>	EPA 3020A; SAMPLE DIGESTION FOR TOTAL METALS IN AQUEOUS SAMPLES FOR ICP-MS	09/24/2020, 13.1
<a href="#">SVL 4079</a>	EPA 3010A; SAMPLE DIGESTION FOR TOTAL METALS IN AQUEOUS SAMPLES FOR ICP	09/24/2020, 11.1
<a href="#">SVL 4080</a>	EPA 3005A; SAMPLE DIGESTION FOR TOTAL RECOVERABLE METALS IN AQUEOUS SAMPLES FOR ICP	09/24/2020, 8.1
<a href="#">SVL 4084</a>	SM 2320 B; DETERMINATION OF ALKALINITY AND pH USING AN AUTOTITRATOR	02/23/2021, 18.0
<a href="#">SVL 4093</a>	CASSETTE FILTER DIGESTION	05/25/2020, 9.5
<a href="#">SVL 4094</a>	EPA 3050B; SAMPLE DIGESTION FOR METALS IN SOILS	11/09/2020, 14.6
<a href="#">SVL 4095</a>	SW-846 1010A; FLASHPOINT DETERMINATION BY PENSKEY-MARTENS	05/25/2020, 9.6
<a href="#">SVL 4096</a>	SW-846 9045D AND SW-846 9040C; SOIL pH DETERMINATION	07/06/2020, 16.0
<a href="#">SVL 4097</a>	ASTM 1915-11; TOTAL SULFUR, TOTAL CARBON	05/29/2020, 15.0
<a href="#">SVL 4101</a>	ANALYSIS OF AVAILABLE CYANIDE BY FLOW INJECTION AND AMPEROMETRY (METHOD OIA 1677)	02/04/2021, 6.0
<a href="#">SVL 4106</a>	EPA 200.2; SAMPLE DIGESTION FOR ICP AND ICP-MS, FOR TOTAL RECOVERABLE METALS IN AQUEOUS SAMPLES	09/25/2020, 13.1
<a href="#">SVL 4108</a>	SAMPLE PREPARATION FOR DISSOLVED AND POTENTIALLY DISSOLVED METALS IN AQUEOUS SAMPLES	12/25/2020, 11.2
<a href="#">SVL 4114</a>	SW-846 1311; TOXICITY CHARACTERISTIC LEACHING PROCEDURE	12/25/2020, 10.3
<a href="#">SVL 4116</a>	SM 5310 B; TOTAL ORGANIC CARBON	04/27/2021, 13.0
<a href="#">SVL 4118</a>	CA-WET; CALIFORNIA WASTE EXTRACTION TEST	02/23/2021, 8.3
<a href="#">SVL 4119</a>	PREPARATION OF QC SOLUTIONS FOR METALS ANALYSIS	06/04/2020, 10.0
<a href="#">SVL 4120</a>	ASTM D-5176; TOTAL NITROGEN	04/27/2021, 11.1
<a href="#">SVL 4121</a>	SM 2150 B; DETERMINATION OF THRESHOLD ODOR NUMBER (TON)	11/30/2020, 9.1
<a href="#">SVL 4122</a>	EPA 300.0; INORGANIC ANIONS BY ION CHROMATOGRAPHY USING DIONEX CHROMATOGRAPHS	01/21/2021, 13.0
<a href="#">SVL 4123</a>	ASTM D-2795 AND D-3682-78; SOLID SILICA	02/23/2021, 10.3
<a href="#">SVL 4125</a>	SM 3500 CR B; HEXAVALENT CHROME	11/10/2020, 11.2
<a href="#">SVL 4127</a>	EPA 600/2-78-054; pH DETERMINATION FOR PASTE	07/06/2020, 8.0

<a href="#">SVL 4128</a>	ASA 9; SOIL ELECTRICAL CONDUCTIVITY	09/24/2020, 4.2
<a href="#">SVL 4129</a>	NET CARBONATE VALUE (NCV)	03/24/2021, 9.0
<a href="#">SVL 4130</a>	NET ACID GENERATION (NAG)	12/25/2020, 8.3
<a href="#">SVL 4131</a>	ASTM D-7237-10; FREE CYANIDE BY FLOW INJECTION AND AMPEROMETRY	05/19/2020, 7.0
<a href="#">SVL 4132</a>	EPA 200.8; ANALYSIS OF METALS BY AGILENT ICP-MS	05/04/2021, 10.0
<a href="#">SVL 4134</a>	SW-846 6020B; ANALYSIS OF METALS BY AGILENT ICP-MS	11/19/2020, 8.0
<a href="#">SVL 4135</a>	EPA 200.7 AND SW-846 6010D; ANALYSIS OF METALS BY THERMO ICP	11/12/2020, 7.0
<a href="#">SVL 4136</a>	EPA 600/2-78-054; TEXTURAL CLASS	06/02/2020, 5.0
<a href="#">SVL 4137</a>	EXTRACTIONS COMPENDIUM	02/15/2021, 5.0
<a href="#">SVL 4138</a>	ASTM D-7572-11A; RECOVERY OF AQUEOUS CYANIDES BY EXTRACTION FROM MINE ROCK AND SOIL AFTER REMEDIATION OF PROCESS RELEASES	12/29/2020, 2.2
<a href="#">SVL 4139</a>	EPA 600/2-78-054; TOTAL ORGANIC CARBON	01/24/2021, 1.6
<a href="#">SVL 4140</a>	EPA 350.1; AMMONIA BY AUTOMATED COLORIMETRY	05/22/2020, 6.0
<a href="#">SVL 4143</a>	HACH FERROUS IRON (Fe <sup>2+</sup> ) TEST KIT	11/30/2020, 3.2
<a href="#">SVL 4144</a>	SM 2580 B OXIDATION-REDUCTION PROCEDURE (ORP)	09/30/2020, 1.3
<a href="#">SVL 4145</a>	LABORATORY WEATHERING OF SOLID MATERIALS USING A HUMIDITY CELL BY ASTM D5744-13	11/30/2020, 3.1
<a href="#">SVL 4146</a>	ANALYSIS OF METALS BY METHODS 6010D and 200.7 USING THE AGILENT TECHNOLOGIES 5110 ICP-OES SERIES ICP SPECTROMETER	11/17/2020, 3.0
<a href="#">SVL 4148</a>	SULFIDE BY METHYLENE BLUE SM 4500 S D	03/25/2021, 1.1
<a href="#">SVL 4149</a>	DISSOLVED OXYGEN BY SM 4500 O G	03/25/2021, 2.0
<a href="#">SVL 4150</a>	ANALYSIS OF AVAILABLE CYANIDE BY FLOW INJECTION AND AMPEROMETRY BY METHOD OIA 1677	06/05/2020, 1.0
<a href="#">SVL 4151</a>	NEVADA MODIFIED NET ACID GENERATION (MNAG)	07/02/2020, 1.0
<a href="#">SVL 4152</a>	AMMONIA BY HACH 10205	09/30/2020, 1.0
<a href="#">SVL 4153</a>	ANALYSIS OF METALS BY THE THERMO ICP-MS (SW-846 METHOD 6020B)	05/04/2021, 1.0

<a href="#">SVL 5001</a>	MEDIA PREPARATION	04/27/2021, 1.0
<a href="#">SVL 5002</a>	MULTIPLE TUBE BY SM 9221 B	04/27/2021, 1.0
<a href="#">SVL 5003</a>	ENZYME SUBSTRATE BY SM 9223 B	04/27/2021, 1.0
<a href="#">SVL 5004</a>	QUALITY CONTROL MICROBIOLOGY	05/07/2021, 1.0