



Master List of SVL SOPs
 Updated: 6/27/2018

1000 Series: Safety and Quality Assurance		
QM	QUALITY MANUAL	
CHP	CHEMICAL HYGIENE PLAN	
SVL 1001	SAMPLE DISPOSAL	
SVL 1002	WRITING AND REVISING STANDARD OPERATING PROCEDURES	
SVL 1004	CALIBRATING THERMOMETERS	
SVL 1005	INTERNAL QUALITY ASSURANCE AUDITS	
SVL 1007	SOIL STERILIZATION	
SVL 1008	DISPOSAL OF HAZARDOUS WASTE	
SVL 1010	TRAINING	
SVL 1011	PERFORMING IDL AND MDL STUDIES	
SVL 1015	PROCUREMENT, RECEIVING, AND SUBCONTRACTING	
SVL 1017	RECORDS RETENTION AND PROTECTION	
SVL 1019	CORRECTIVE ACTION	
SVL 1020	CALIBRATION FOR ANALYTICAL METHODS	
SVL 1021	MANUAL INTEGRATION	
SVL 1023	SOFTWARE VERIFICATION	
SVL 1025	CALIBRATING BALANCES	
SVL 1026	CALIBRATING MICROPIPETS, REPIPETTORS, AND GLASSWARE	
SVL 1027	CLIENT SERVICES	

SVL 1028	CALCULATIONS FOR ANALYTICAL METHODS	
SVL 1029	PERFORMANCE TESTING SAMPLES	
SVL 1030	INITIAL, PERIODIC AND AFTER-MAINTENANCE CHECKS	
SVL 1031	COMPUTERAND INFORMATION SECURITY POLICY	
SVL 1032	CHEMICALS, REAGENTS, PREPARED STANDARDS, AND QC SOLUTIONS	
SVL 1033	ACCEPTANCE LIMITS, AND TRENDING	
2000 SERIES: SAMPLE AND DOCUMENT MANAGEMENT		
SVL 2001	SAMPLE RECEIVING	
SVL 2003	WORK ORDER CREATION	
SVL 2004	SAMPLE STORAGE & SECURITY	
SVL 2006	DATA CORRECTIONS	
SVL 2007	CASE FILE ASSEMBLY	
SVL 2009	DATA REVIEW	
SVL 2013	DATA PACKAGE PRODUCTION	
SVL 2017	LOGBOOK CONTROL	
SVL 2018	PREPARATION AND SUBSAMPLING OF EARTH, ROCK AND TISSUE SAMPLES	

SVL 2019	REANALYSIS PROCEDURES	
SVL 2020	COMPUTER - RESIDENT SAMPLE DATA CONTROL	
SVL 2021	DATA BACKUP AND RESTORE	
SVL 2022	SAMPLE RECEIVING – FOREIGN SOILS	
SVL 2023	LEVEL 3 ELEMENT PRODUCED DATA PACKAGE	
4000 SERIES: INORGANIC		
SVL 4010	EPA 245.1, SW-846 7470A AND 7471B; DETERMINATION OF MERCURY (CVAA)	
SVL 4012	EPA 335.4 AND SW-846 9012B; TOTAL CYANIDE BY MICRODIST™ FOLLOWED BY AUTOMATED COLORIMETRY	
SVL 4013	GLASSWARE WASHING FOR CLASSICAL CHEMISTRY	
SVL 4021	FILTER DIGESTION	
SVL 4022	PERCENT SOLID / PERCENT MOISTURE	
SVL 4024	SM 2120 B; COLOR	
SVL 4025	EPA 120.1 AND SM 2510 B; CONDUCTIVITY	
SVL 4026	EPA 180.1; TURBIDITY	
SVL 4028	SM 4500 H ⁺ B; pH	
SVL 4029	SPECIFIC GRAVITY	
SVL 4031	SM 2310 B; ACIDITY	
SVL 4032	SM 4500 S ⁻² F; SULFIDES BY TITRATION	
SVL 4034	SM 2540 C AND SM 2540 D; TOTAL DISSOLVED SOLIDS AND TOTAL SUSPENDED SOLIDS	
SVL 4035	SM 2540 B AND SM 2540 E; TOAL SOLIDS AND VOLATILE SOLIDS	
SVL 4037	SM 5540 C; METHYLENE BLUE ACTIVE SUBSTANCES	
SVL 4040	SM 4500 P E; TOTAL PHOSPHOROUS	
SVL 4042	SM 4500 P E; ORTHO-PHOSPHATE (AS P)	
SVL 4043	EPA 410.4; CHEMICAL OXYGEN DEMAND	

SVL 4045	EPA 351.2; TOTAL KJELDAHL NITROGEN	
SVL 4048	EPA 353.2 NITRATE/NITRITE AS N; AUTOMATED CADMIUM REDUCTION	
SVL 4049	SW-846 9081; CATION EXCHANGE CAPACITY	
SVL 4060	LOSS ON IGNITION	
SVL 4061	EPA 600/2-78-056; AGP, ANP AND ABA	
SVL 4065	ASTM E-2242-13; METEORIC WATER MOBILITY EXTRACTION	
SVL 4068	SW-846 1312; SYNTHETIC PRECIPITATION LEACHING PROCEDURE	
SVL 4075	SM 4500 CN I; WAD CYANIDE B MIDI DISTILLATION FOLLOWED BY SEMI-AUTOMATED COLORIMETRY	
SVL 4078	EPA 3020A; SAMPLE DIGESTION FOR TOTAL METALS IN AQUEOUS SAMPLES FOR ICP-MS	
SVL 4079	EPA 3010A; SAMPLE DIGESTION FOR TOTAL METALS IN AQUEOUS SAMPLES FOR ICP	
SVL 4080	EPA 3005A; SAMPLE DIGESTION FOR TOTAL RECOVERABLE METALS IN AQUEOUS SAMPLES FOR ICP	
SVL 4084	SM 2320 B; DETERMINATION OF ALKALINITY AND pH USING AN AUTOTITRATOR	
SVL 4093	CASSETTE FILTER DIGESTION	
SVL 4094	EPA 3050B; SAMPLE DIGESTION FOR METALS IN SOILS	
SVL 4095	SW-846 1010A; FLASHPOINT DETERMINATION BY PENSKY-MARTENS	
SVL 4096	SW-846 9045D AND SW-846 9040C; SOIL pH DETERMINATION	
SVL 4097	ASTM 1915-11; TOTAL SULFUR, TOTAL CARBON	
SVL 4105	SM 3114 B; SELENIUM BY HYDRIDE	
SVL 4106	EPA 200.2; SAMPLE DIGESTION FOR ICP AND ICP-MS, FOR TOTAL RECOVERABLE METALS IN AQUEOUS SAMPLES	
SVL 4108	SAMPLE PREPARATION FOR DISSOLVED AND POTENTIALLY DISSOLVED METALS IN AQUEOUS SAMPLES	
SVL 4114	SW-846 1311; TOXICITY CHARACTERISTIC LEACHING PROCEDURE	
SVL 4116	SM 5310 B; TOTAL ORGANIC CARBON	
SVL 4118	CA-WET; CALIFORNIA WASTE EXTRACTION TEST	

SVL 4119	PREPARATION OF QC SOLUTIONS FOR METALS ANALYSIS	
SVL 4120	ASTM D-5176; TOTAL NITROGEN	
SVL 4121	SM 2150 B; DETERMINATION OF THRESHOLD ODOR NUMBER (TON)	
SVL 4122	EPA 300.0; INORGANIC ANIONS BY ION CHROMATOGRAPHY USING DIONEX CHROMATOGRAPHS	
SVL 4123	ASTM D-2795 AND D-3682-78; SOLID SILICA	
SVL 4125	SM 3500 CR B; HEXAVALENT CHROME	
SVL 4127	EPA 600/2-78-054; pH DETERMINATION FOR PASTE	
SVL 4128	ASA 9; SOIL ELECTRICAL CONDUCTIVITY	
SVL 4129	NET CARBONATE VALUE (NCV)	
SVL 4130	NET ACID GENERATION (NAG)	
SVL 4131	ASTM D-7237-10; FREE CYANIDE BY FLOW INJECTION AND AMPEROMETRY	
SVL 4132	EPA 200.8; ANALYSIS OF METALS BY AGILENT ICP-MS	
SVL 4133	DETERMINATION OF THIOCYANATE BY DIONEX ICS 900	
SVL 4134	SW-846 6020B; ANALYSIS OF METALS BY AGILENT ICP-MS	
SVL 4135	EPA 200.7 AND SW-846 6010D; ANALYSIS OF METALS BY THERMO ICP	
SVL 4136	EPA 600/2-78-054; TEXTURAL CLASS	
SVL 4137	EXTRACTIONS COMPENDIUM	
SVL 4138	ASTM D-7572-11A; RECOVERY OF AQUEOUS CYANIDES BY EXTRACTION FROM MINE ROCK AND SOIL AFTER REMEDIATION OF PROCESS RELEASES	
SVL 4139	EPA 600/2-78-054; TOTAL ORGANIC CARBON	
SVL 4140	EPA 350.1; AMMONIA BY AUTOMATED COLORIMETRY	
SVL 4141	TOTAL CYANIDE BY AUTOMATED CONTINUOUS FLOW INJECTION USING SKALAR SAN ⁺⁺ (Kelada-01)	
SVL 4142	ARSENIC SPECIATION USING AGILENT 1260 INFINITY LC AND AGILENT 7900 ICP-MS	
SVL 4143	HACH FERROUS IRON (Fe ²⁺) TEST KIT	
SVL 4144	SM 2580 B OXIDATION-REDUCTION PROCEDURE (ORP)	

SVL 4145	LABORATORY WEATHERING OF SOLID MATERIALS USING A HUMIDITY CELL BY ASTM D5744-13	
SVL 4146	ANALYSIS OF METALS BY METHODS 6010D and 200.7 USING THE AGILENT TECHNOLOGIES 5110 ICP-OES SERIES ICP SPECTROMETER	