

WASHINGTON STATE DEPARTMENT OF ECOLOGY
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Anatek Labs, Inc. - Spokane
Spokane, WA

is accredited for the analytes listed below using the methods indicated. Full accreditation is granted unless stated otherwise in a note. Accreditation for U.S. Environmental Protection Agency (EPA) "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846) is for the latest version of the method. SM refers to EPA approved editions of "Standard Methods for the Examination of Water and Wastewater." ASTM is the American Society for Testing and Materials. Other references are described in notes.

Matrix/Analyte	Method	Notes
Drinking Water		
Alkalinity	SM 2320 B	
Anionic Surfactants (MBAS)	SM 5540 C	4
Chloride	EPA 300.0	
Color	SM 2120 B	
Conductivity	SM 2510 B	
Cyanide, Total	EPA 335.4	4
Cyanide, Total	SM 4500-CN F	
Fluoride	EPA 300.0	
Hardness, Total (as CaCO3)	SM 2340 B	
Hardness, Total (as CaCO3)	SM 2340 C	
Nitrate	EPA 300.0	
Nitrate + Nitrite	EPA 300.0	
Nitrite	EPA 300.0	
Orthophosphate	EPA 300.0	
Orthophosphate	SM 4500-P F	
Solids, Total Dissolved	SM 2540 C	
Sulfate	EPA 300.0	
Total haloacetic acids	SM 6251 B	4
Total Organic Carbon	EPA 415.3	
Total Organic Carbon	SM 5310 C	
Turbidity	EPA 180.1	
Aluminum	EPA 200.8	

Anatek Labs, Inc. - Spokane

Matrix/Analyte	Method	Notes
Antimony	EPA 200.8	
Arsenic	EPA 200.8	
Barium	EPA 200.8	
Beryllium	EPA 200.8	
Cadmium	EPA 200.8	
Calcium	EPA 200.8	1
Chromium	EPA 200.8	
Copper	EPA 200.8	
Iron	EPA 200.8	1
Lead	EPA 200.8	
Magnesium	EPA 200.8	1
Manganese	EPA 200.8	
Mercury	EPA 200.8	
Nickel	EPA 200.8	
Selenium	EPA 200.8	
Silver	EPA 200.8	
Sodium	EPA 200.8	1
Thallium	EPA 200.8	
Total Uranium	EPA 200.8	
Zinc	EPA 200.8	
Trihalomethanes	EPA 524.2	
Volatile Organic Compounds	EPA 524.2	
Fecal coliform-count	SM 9222 D	
Heterotrophic plate count	IDEXX SimPlate	
Heterotrophic plate count	SM 9215 B	
Total & Fecal Coli - count	SM 9221 B,C,E1	
Total & Fecal Coli - detect	SM 9221 B,E1	
Total Coli/Ecoli - count	SM 9221 B,C,F	
Total Coli/Ecoli - count Colilert	SM 9223 B Colilert Q	
Total Coli/Ecoli - detect	SM 9221 B,F	
Total Coli/Ecoli - detect	SM 9223 B Colilert	
Non-Potable Water		
Alkalinity	SM 2320 B	
Ammonia	SM 18 4500-NH3 H	
Biochemical Oxygen Demand (BOD)	SM 5210 B	

Anatek Labs, Inc. - Spokane

Matrix/Analyte	Method	Notes
Chemical Oxygen Demand (COD)	EPA 410.4	
Chloride	EPA 300.0	
Conductivity	EPA 120.1	
Cyanide, Total	EPA 335.4	4
Cyanide, Total	SM 4500-CN F	
Dissolved Organic Carbon	SM 5310 C 19th ED (1995)	
Fluoride	EPA 300.0	
Hardness, Total (as CaCO3)	SM 2340 C	
Nitrate	EPA 300.0	
Nitrate + Nitrite	EPA 300.0	
Nitrite	EPA 300.0	
Nitrogen, Total Kjeldahl	SM 4500-Norg C	
Orthophosphate	EPA 300.0	
Orthophosphate	SM 4500-P F	
Phosphorus, total	SM 4500-P F	
Solids, Total	SM 2540 B	3
Solids, Total Dissolved	SM 2540 C	
Solids, Total Suspended	SM 2540 D	
Sulfate	EPA 300.0	
Total Organic Carbon	EPA 415.3	
Total Organic Carbon	SM 5310 C	
Total Organic Halides (TOX)	EPA 9020	4
Turbidity	EPA 180.1	
Aluminum	EPA 200.8	
Antimony	EPA 200.8	
Arsenic	EPA 200.8	
Barium	EPA 200.8	
Beryllium	EPA 200.8	
Cadmium	EPA 200.8	
Calcium	EPA 200.8	1
Chromium	EPA 200.8	
Copper	EPA 200.8	
Iron	EPA 200.8	1
Lead	EPA 200.8	
Lithium	EPA 200.8	1

Anatek Labs, Inc. - Spokane

Matrix/Analyte	Method	Notes
Magnesium	EPA 200.8	1
Manganese	EPA 200.8	
Mercury	EPA 200.8	1
Molybdenum	EPA 200.8	
Nickel	EPA 200.8	
Potassium	EPA 200.8	1
Selenium	EPA 200.8	
Silver	EPA 200.8	
Sodium	EPA 200.8	1
Thallium	EPA 200.8	
Total Uranium	EPA 200.8	1
Vanadium	EPA 200.8	
Zinc	EPA 200.8	
Volatile Organic Compounds	EPA 624	
Enterococcus/Fecal Strep	SM 9230 B	4
Fecal coliform-count	SM 9221 E2	
Fecal coliform-count	SM 9222 D	
Heterotrophic plate count	IDEXX SimPlate	
Heterotrophic plate count	SM 9215 B	
Salmonella-count	SM 9260 D 21st ED (2005)	4
Total Coli/Ecoli - count	SM 9221 B,C,F	
Total Coli/Ecoli - count Colilert	SM 9223 B Colilert Q	
Solid and Chemical Materials		
Ammonia	SM 18 4500-NH3 G	
Calcium	EPA 6020	2
Chloride	EPA 300.0	
Extractable organics halides (EOX)	EPA 9023	
Fluoride	EPA 300.0	
Nitrate	EPA 300.0	
Nitrite	EPA 300.0	
Nitrogen, Total Kjeldahl	SM 4500-Norg C	
pH (non-aqueous)	EPA 9045	
Phosphorus, total	SM 4500-P F	
Potassium	EPA 6020	2

Anatek Labs, Inc. - Spokane

Matrix/Analyte	Method	Notes
Silica	EPA 6020	2
Sodium	EPA 6020	2
Sulfate	EPA 300.0	
Total chlorine	EPA 9076	4
Total Organic Halides (TOX)	EPA 9020	
Aluminum	EPA 6020	
Antimony	EPA 6020	
Arsenic	EPA 6020	
Barium	EPA 6020	
Beryllium	EPA 6020	
Boron	EPA 6020	
Cadmium	EPA 6020	
Chromium	EPA 6020	
Cobalt	EPA 6020	
Copper	EPA 6020	
Iron	EPA 6020	
Lead	EPA 6020	
Magnesium	EPA 6020	
Manganese	EPA 6020	
Mercury	EPA 6020	
Molybdenum	EPA 6020	
Nickel	EPA 6020	
Selenium	EPA 6020	
Silver	EPA 6020	
Strontium	EPA 6020	
Thallium	EPA 6020	
Tin	EPA 6020	
Titanium	EPA 6020	
Total Uranium	EPA 6020	
Vanadium	EPA 6020	
Zinc	EPA 6020	
BTEX	EPA 8021	
PCBs	EPA 8082	
Petroleum Hydrocarbons, Volatile	WA VPH	
Total Pet Hydrocarbons - Diesel	WDOE NWTPH-Dx	
Total Pet Hydrocarbons - Gasoline	WDOE NWTPH-Gx	

Matrix/Analyte	Method	Notes
Volatile Organic Compounds	EPA 8260	
Fecal coliform-count	EPA 1680	4
Fecal coliform-count	SM 9221 E2	
Salmonella-count	EPA 1682	4

Accredited Parameter Note Detail

1) Method not EPA approved. 2) Method modified for analyte. 3) Provisional accreditation pending acceptable PT completion. 4) Interim accreditation pending on-site evaluation.



11/22/2011

Authentication Signature
Alan D. Rue, Lab Accreditation Unit Supervisor

Date

Parameters Not Accredited

Anatek Labs, Inc. - Spokane

Spokane, WA

Analyte	Method	Notes	Matrix
Cyanide, Total	SM 4500-CN» N 21st ED (2005)	a	N
Cyanide, Total	SM 4500-CN» O 21st ED (2005)	a	S
Hydrogen sulfide	SM 4500-S2 D	b	D

Denied Parameter Accreditation Footnotes

a) Method not EPA approved. b) Analyte not recognized by WADOH.

Matrix Definitions - D = Drinking Water; N = Non-potable Water; S = Solid and Chemical Material; A = Air and Emissions.