

The State of
Department



Washington
of Ecology

Precision Analytical Laboratories, LLC
Everett, WA

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation.

This certificate is effective September 26, 2023 and shall expire September 25, 2024.

Witnessed under my hand on September 25, 2023.

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
W01069

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Precision Analytical Laboratories, LLC

Everett, WA

is accredited for the analytes listed below using the methods indicated. Full accreditation is granted unless stated otherwise in a note. EPA is the U.S. Environmental Protection Agency. SM is "Standard Methods for the Examination of Water and Wastewater." SM refers to EPA approved method versions. ASTM is the American Society for Testing and Materials. USGS is the U.S. Geological Survey. AOAC is the Association of Official Analytical Chemists. Other references are described in notes.

Matrix/Analyte	Method	Notes
Non-Potable Water		
pH	EPA 150.2	1
non-Polar Extractable Material (TPH)	EPA 1664A (SGT-HEM)	1
n-Hexane Extractable Material (O&G)	EPA 1664A_1_1999	1
Solids, Total Suspended	SM 2540 D-2011	1
Cyanide, Total	SM 4500-CN ⁻ E-2016	1
Biochemical Oxygen Demand (BOD)	SM 5210 B-2016	1
Antimony	EPA 200.7_4.4_1994	1
Arsenic	EPA 200.7_4.4_1994	1
Barium	EPA 200.7_4.4_1994	1
Cadmium	EPA 200.7_4.4_1994	1
Chromium	EPA 200.7_4.4_1994	1
Cobalt	EPA 200.7_4.4_1994	1
Copper	EPA 200.7_4.4_1994	1
Lead	EPA 200.7_4.4_1994	1
Manganese	EPA 200.7_4.4_1994	1
Nickel	EPA 200.7_4.4_1994	1
Selenium	EPA 200.7_4.4_1994	1
Silver	EPA 200.7_4.4_1994	1
Thallium	EPA 200.7_4.4_1994	1
Tin	EPA 200.7_4.4_1994	1
Titanium	EPA 200.7_4.4_1994	1
Vanadium	EPA 200.7_4.4_1994	1
Zinc	EPA 200.7_4.4_1994	1
Mercury	EPA 245.1_3_1994	1
4,4'-DDD	EPA 608.3	1
4,4'-DDE	EPA 608.3	1

Precision Analytical Laboratories, LLC

Matrix/Analyte	Method	Notes
Non-Potable Water		
4,4'-DDT	EPA 608.3	1
Aldrin	EPA 608.3	1
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	1
beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	1
delta-BHC	EPA 608.3	1
Dieldrin	EPA 608.3	1
Endosulfan I	EPA 608.3	1
Endosulfan II	EPA 608.3	1
Endosulfan sulfate	EPA 608.3	1
Endrin	EPA 608.3	1
Endrin aldehyde	EPA 608.3	1
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	1
Heptachlor	EPA 608.3	1
Heptachlor epoxide	EPA 608.3	1
1,2,4-Trichlorobenzene	EPA 625.1	1
1,2-Dichlorobenzene	EPA 625.1	1
1,3-Dichlorobenzene	EPA 625.1	1
1,4-Dichlorobenzene	EPA 625.1	1
2-Chloronaphthalene	EPA 625.1	1
4-Bromophenyl phenyl ether	EPA 625.1	1
4-Chlorophenyl phenylether	EPA 625.1	1
Acenaphthylene	EPA 625.1	1
Anthracene	EPA 625.1	1
Azobenzene	EPA 625.1	1
bis(2-Chloroethoxy)methane	EPA 625.1	1
bis(2-Chloroethyl) ether	EPA 625.1	1
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 625.1	1
Carbazole	EPA 625.1	1
Dimethyl phthalate	EPA 625.1	1
Di-n-butyl phthalate	EPA 625.1	1
Fluoranthene	EPA 625.1	1
Hexachlorobenzene	EPA 625.1	1
Hexachloroethane	EPA 625.1	1
Isophorone	EPA 625.1	1
Naphthalene	EPA 625.1	1
n-Decane	EPA 625.1	1
Nitrobenzene	EPA 625.1	1

Precision Analytical Laboratories, LLC

Matrix/Analyte	Method	Notes
Non-Potable Water		
n-Octadecane	EPA 625.1	1
Phenanthrene	EPA 625.1	1
Pyrene	EPA 625.1	1
Percent Water	ASTM D6304-20	1
Solid and Chemical Materials		
Ignitability	ASTM D93-19	1
Arsenic	EPA 6010D_(7/14)	1
Barium	EPA 6010D_(7/14)	1
Cadmium	EPA 6010D_(7/14)	1
Chromium	EPA 6010D_(7/14)	1
Lead	EPA 6010D_(7/14)	1
Selenium	EPA 6010D_(7/14)	1
Silver	EPA 6010D_(7/14)	1
Mercury	EPA 7471A_1_1994	1

Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of Perry Johnson accreditation.



10/03/2023

Authentication Signature
Rebecca Wood, Lab Accreditation Unit Supervisor

Date