

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 488 • Manchester, WA 98353-0488 • (360) 871-8840

December 30, 2025

Julia Redfield
Precision Analytical Laboratories, LLC
3430 16th Street
Everett, WA 98201

Dear Julia Redfield:

Thank you for participating in the Environmental Laboratory Accreditation Program. Attached is a revised Scope of Accreditation C1069-25a, effective December 30, 2025.

Your WA accreditation is based in part on your Perry Johnson accreditation, based on TNI Standard.

Following review of your updated scope issued by Perry Johnson, and acceptable PT results, all requested additions in Solid and Chemical Materials and Non-Potable Water have been upgraded from denied to Good Standing.

As a reminder, continued participation in the Ecology Lab Accreditation Program requires the lab to:

- Submit a renewal application and fees annually
- Report significant changes in facility, personnel, analytical methods, equipment, the lab's quality assurance (QA) manual or QA procedures as they occur
- **Participate in proficiency testing studies semi-annually, with the following exception: For each parameter where all PT results were satisfactory, you are required to submit only one PT result over this next year, and in subsequent years, as long as the results are satisfactory.**

If you have any questions concerning the accreditation of your lab, please contact Julia Dolan at (360) 485-2577, fax (360) 871-8849, or by e-mail at jdol461@ecy.wa.gov.

Sincerely,



Rebecca Wood
Lab Accreditation Unit Supervisor

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	Note
Drinking Water		
Turbidity	EPA 180.1 2 1993	2
Chlorine (Residual), Free	SM 4500-Cl G-2011	2
Chlorine (Residual), Total	SM 4500-Cl G-2011	2
Cyanide, Total	SM 4500-CN ⁻ E-2016	2
pH	SM 4500-H ⁺ B-2011	2,4
Aluminum	EPA 200.8 5.4 1994	2,3
Antimony	EPA 200.8 5.4 1994	2,3
Arsenic	EPA 200.8 5.4 1994	2,3
Barium	EPA 200.8 5.4 1994	2,3
Beryllium	EPA 200.8 5.4 1994	2,3
Cadmium	EPA 200.8 5.4 1994	2,3
Chromium	EPA 200.8 5.4 1994	2,3
Copper	EPA 200.8 5.4 1994	2,3
Lead	EPA 200.8 5.4 1994	2,3
Manganese	EPA 200.8 5.4 1994	2,3
Molybdenum	EPA 200.8 5.4 1994	2,3
Nickel	EPA 200.8 5.4 1994	2,3
Selenium	EPA 200.8 5.4 1994	2,3
Silver	EPA 200.8 5.4 1994	2,3
Thallium	EPA 200.8 5.4 1994	2,3
Vanadium	EPA 200.8 5.4 1994	2,3
Zinc	EPA 200.8 5.4 1994	2,3
Non-Potable Water		
pH	EPA 150.2	5
non-Polar Extractable Material (TPH)	EPA 1664A (SGT-HEM)	1
n-Hexane Extractable Material (O&G)	EPA 1664A 1 1999	1
Turbidity	EPA 180.1 2 1993	1
Solids, Total Suspended	SM 2540 D-2015	1,88
Cyanide, Total	SM 4500-CN ⁻ E-2016	1
Biochemical Oxygen Demand (BOD)	SM 5210 B-2016	1
Aluminum	EPA 200.7 4.4 1994	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

Matrix/ Analyte	Method	Note
Non-Potable Water		
Beryllium	EPA 200.7 4.4 1994	1
Boron	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
Iron	EPA 200.7 4.4 1994	1
Lead	EPA 200.7 4.4 1994	1
Manganese	EPA 200.7 4.4 1994	1
Molybdenum	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
Strontium	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
4,4'-DDT	EPA 608.3	1
Aldrin	EPA 608.3	1
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	1
alpha-Chlordane	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
Endrin ketone	EPA 608.3	1
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	1
gamma-Chlordane	EPA 608.3	1
Heptachlor	EPA 608.3	1
Heptachlor epoxide	EPA 608.3	1
Methoxychlor	EPA 608.3	1
1,2,4-Trimethylbenzene	EPA 624.1	1
1,2-Dichlorobenzene	EPA 624.1	1
1,3,5-Trimethylbenzene	EPA 624.1	1
1,3-Dichlorobenzene	EPA 624.1	1
1,4-Dichlorobenzene	EPA 624.1	1
Benzene	EPA 624.1	1
Chlorobenzene	EPA 624.1	1
Ethylbenzene	EPA 624.1	1
m+p-xylene	EPA 624.1	1
o-Xylene	EPA 624.1	1

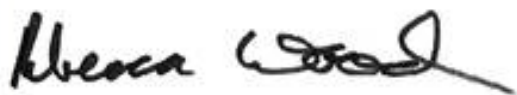
Matrix/ Analyte	Method	Note
Non-Potable Water		
Toluene	EPA 624.1	1
Xylene (total)	EPA 624.1	1
1,2,4-Trichlorobenzene	EPA 625.1	1
2,2'-Oxybis(1-chloropropane)	EPA 625.1	1
2,3,4,6-Tetrachlorophenol	EPA 625.1	1
2,4,5-Trichlorophenol	EPA 625.1	1
2,4,6-Trichlorophenol	EPA 625.1	1
2,4-Dichlorophenol	EPA 625.1	1
2,4-Dimethylphenol	EPA 625.1	1
2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	1
2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	1
2-Chloronaphthalene	EPA 625.1	1
2-Chlorophenol	EPA 625.1	1
2-Methylphenol (o-Cresol)	EPA 625.1	1
2-Nitrophenol	EPA 625.1	1
4,6-Dinitro-2-methylphenol	EPA 625.1	1
4-Bromophenyl phenyl ether	EPA 625.1	1
4-Chloro-3-methylphenol	EPA 625.1	1
4-Chlorophenyl phenylether	EPA 625.1	1
4-Methylphenol (p-Cresol)	EPA 625.1	1
Acenaphthene	EPA 625.1	1
Acenaphthylene	EPA 625.1	1
Anthracene	EPA 625.1	1
Azobenzene	EPA 625.1	1
Benzo(a)anthracene	EPA 625.1	1
Benzo(a)pyrene	EPA 625.1	1
Benzo(k)fluoranthene	EPA 625.1	1
Benzo[b]fluoranthene	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
Butyl benzyl phthalate	EPA 625.1	1
Carbazole	EPA 625.1	1
Chrysene	EPA 625.1	1
Diethyl phthalate	EPA 625.1	1
Dimethyl phthalate	EPA 625.1	1
Di-n-butyl phthalate	EPA 625.1	1
Di-n-octyl phthalate	EPA 625.1	1
Fluoranthene	EPA 625.1	1
Fluorene	EPA 625.1	1
Hexachlorobenzene	EPA 625.1	1
Hexachlorobutadiene	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
n-Octadecane	EPA 625.1	1
Pentachlorophenol	EPA 625.1	1
Phenanthrene	EPA 625.1	1

Matrix/ Analyte	Method	Note
Non-Potable Water		
Phenol	EPA 625.1	1
Pyrene	EPA 625.1	1
Percent Water	ASTM D6304-20	1
Solid and Chemical Materials		
Ignitability	ASTM D93-19	1
Chromium, Hexavalent	EPA 7196A 1 1992	1
pH	EPA 9045 D 2004	1
Arsenic	EPA 6010D (7/14)	1
Barium	EPA 6010D (7/14)	1
Beryllium	EPA 6010D (7/14)	1
Boron	EPA 6010D (7/14)	1
Cadmium	EPA 6010D (7/14)	1
Chromium	EPA 6010D (7/14)	1
Cobalt	EPA 6010D (7/14)	1
Copper	EPA 6010D (7/14)	1
Lead	EPA 6010D (7/14)	1
Manganese	EPA 6010D (7/14)	1
Molybdenum	EPA 6010D (7/14)	1
Nickel	EPA 6010D (7/14)	1
Selenium	EPA 6010D (7/14)	1
Silver	EPA 6010D (7/14)	1
Strontium	EPA 6010D (7/14)	1
Thallium	EPA 6010D (7/14)	1
Titanium	EPA 6010D (7/14)	1
Vanadium	EPA 6010D (7/14)	1
Zinc	EPA 6010D (7/14)	1
Aluminum	EPA 6010D 2018	1
Antimony	EPA 6010D 2018	1
Iron	EPA 6010D 2018	1
Aluminum	EPA 6020B (7/14)	1
Antimony	EPA 6020B (7/14)	1
Arsenic	EPA 6020B (7/14)	1
Barium	EPA 6020B (7/14)	1
Beryllium	EPA 6020B (7/14)	1
Boron	EPA 6020B (7/14)	1
Cadmium	EPA 6020B (7/14)	1
Calcium	EPA 6020B (7/14)	1
Chromium	EPA 6020B (7/14)	1
Cobalt	EPA 6020B (7/14)	1
Copper	EPA 6020B (7/14)	1
Iron	EPA 6020B (7/14)	1
Lead	EPA 6020B (7/14)	1
Magnesium	EPA 6020B (7/14)	1
Manganese	EPA 6020B (7/14)	1
Molybdenum	EPA 6020B (7/14)	1
Nickel	EPA 6020B (7/14)	1
Selenium	EPA 6020B (7/14)	1
Silver	EPA 6020B (7/14)	1
Thallium	EPA 6020B (7/14)	1

Matrix/ Analyte	Method	Note
Solid and Chemical Materials		
Vanadium	EPA 6020B (7/14)	1
Zinc	EPA 6020B (7/14)	1
Mercury	EPA 7471A 1 1994	1

Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of Perry Johnson accreditation. (2) Provisional accreditation pending resolution of WA ELAP audit findings from the July 2025 onsite audit. (3) Accreditation Limited to direct analysis only. (4) Not for compliance samples unless 15 minute holding time is met. (88) Interim Washington accreditation pending receipt of an updated Scope from your Perry Johnson accreditation. This accreditation is based in part on recognition of your currently held accreditations for previous method versions. (5) Provisional accreditation pending submittal of acceptable Proficiency Testing (PT) results (WAC 173-50-110).



Authentication Signature
 Rebecca Wood, Lab Accreditation Unit Supervisor

12/30/2025

Date