

Application

March 10, 2022
Version 1.3

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1.0 Instructions

This PT application only has to be completed if the laboratory is new to the PT Canada program or has additions that they would like to make. If the participant is seeking PT samples for the next scheduled study, the application must be submitted at least four weeks prior to the shipping date.

1.1 COMPLETE SECT. 2.0 LABORATORY IDENTIFICATION

All new applicants must complete section 2. Be sure that the shipping address can be used for the delivery of PT samples by courier. Refunds or credits will not be provided for samples that are delivered to the wrong location if the error is due to information provided in this section.

All communication between PT Canada and participants is by email. The participant may include more than one email address. Be sure that the participant's email provider and filter always allow emails from the PT Canada domain (@ptcanada.org).

1.2 REVIEW SECT. 3.0 CANADA ANTI-SPAM LEGISLATION

Review this section and indicate the types of communication you would like to receive from PTC. Please note that PT participants may not opt out of communication necessary for conducting business (e.g., invoices, PT reports, etc.).

1.3 COMPLETE SECT. 4.0 TERMS AND CONDITIONS OF PT PARTICIPATION

PT Canada participants must comply with the terms and conditions. Failure to conform to these terms and conditions may result in withdrawal of future PT participation.

1.4 COMPLETE SECT. 5.0 PROFICIENCY TESTING PARTICIPATION

Only complete section 5 if your laboratory is requesting new proficiency testing.

1.5 SUBMIT YOUR APPLICATION

Completed applications may be submitted by mail or scanned and emailed. The application sections that must be included in the application are:

- Section 2 (if a new participant or there are changes);
- Section 4 (signed by an authorized person); and,
- Section 5.

If there are changes to the laboratory identification, they may be included as well.

Send your completed application to:

Proficiency Testing Canada
Attention: Program Officer
102-2934 Baseline Road
Ottawa, ON K2H 1B2

Telephone: (613) 233-5464
Email: programofficer@ptcanada.org

2.0 Laboratory Identification For PT Program

PT Canada File No. (existing clients only)			
Name of Laboratory		Publicly Traded: <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Exchange(s):	Symbol(s):
Name of Parent Institution		Publicly Traded: <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Exchange(s):	Symbol(s):
LOCATION OF FACILITY			
Contact		Email	
Street			
City	Province	Postal Code	Country
Phone Number		Facsimile Number	
MAILING ADDRESS		SAME AS (check, if applicable) <input type="checkbox"/> "Location of Facility"	
Contact		Email	
Street			
City	Province	Postal Code	Country
Phone Number		Facsimile Number	
PT SAMPLE SHIPPING (COURIER) ADDRESS		SAME AS (check one, if applicable) <input type="checkbox"/> "Mailing Address" <input type="checkbox"/> "Location of Facility"	
Contact		Email	
Street			
City	Province	Postal Code	Country
Phone Number		Facsimile Number	
BILLING ADDRESS		SAME AS (check one, if applicable) <input type="checkbox"/> "Mailing Address" <input type="checkbox"/> "Location of Facility"	
Contact		Email	
Street			
City	Province	Postal Code	Country
Phone Number		Facsimile Number	
MANAGEMENT			
Laboratory Manager/Director		Email	
Quality Assurance Officer		Email	
WITHHOLDING TAX (INTERNATIONAL ONLY)			
Withholding Tax Required: <input type="checkbox"/> Yes <input type="checkbox"/> No Amount of tax: ____%			
HOW DID YOU HEAR ABOUT PT CANADA			
How did you hear about PT Canada? (Please check all that apply) <input type="checkbox"/> Internet Search <input type="checkbox"/> Conference <input type="checkbox"/> Word of Mouth			
<input type="checkbox"/> Regulatory Requirement <input type="checkbox"/> Email from PT Canada <input type="checkbox"/> Other_____			

3.0 Canada Anti-Spam Legislation (CASL)

Canada's anti-spam law, among other things, will mainly prohibit the sending of commercial electronic messages (CEMs) without the recipient's consent (permission), including messages to email addresses, social networking accounts, and text messages sent to a cell phone.

3.1 HOW DOES CASL IMPACT PT CANADA CLIENTS/LABORATORIES?

Current PT Canada clients will receive emails directly related to the delivery of products and services where there is an existing business relationship (i.e., received program application form or registration form, or active volunteer). However, we require your express consent (permission) to send you PT Canada marketing communications or surveys via email.

3.2 WHAT ARE PT CANADA SUBSCRIPTION COMMUNICATIONS?

PT Canada SUBSCRIPTION communications are the electronic delivery of up to date PT Canada information and industry announcements. These subscription communications can include any of the following:

- 1) Surveys: feedback obtained from surveys is very important for program and service development and improvements.
- 2) Newsletter: contains important information on PT Canada programs/services, as well as notices, Board updates and industry news.
- 3) General Marketing: occasionally PT Canada PT Canada will forward information on services, products and upcoming events of interest to PTC clients.

For each email identified earlier in this application form, please have the email owner check off all and initial desired PT Canada SUBSCRIPTION Communications. A person can unsubscribe at any time.

Email Address	Initials of Email owner	PT Canada Subscription Selection		
		1	2	3
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.0 Terms And Conditions Of Proficiency Testing

Name of Laboratory

PT Canada File No.

As an Authorized Representative of this organization, I agree to the following general terms and conditions.

Participants in the PTC PT program acknowledge and agree that:

- 1) these Terms and Conditions of Proficiency Testing may change at any time.
- 2) all appropriate fees shall be paid.
- 3) they authorize PTC to forward PT outcomes to the Canadian Association for Laboratory Accreditation Inc. (CALA) for analytes that appear on the participant's current CALA scope of accreditation.
- 4) they acknowledge that if the analyte accredited by CALA (3 above) is also licensed by the Ontario Ministry of the Environment, Conservation and Parks drinking water licensing program, that CALA will forward this PTC generated PT data to the OMECP following each PT round.
- 5) they will conform to the publicity guidelines specified by PTC (POL07 –Publicity Policy).
- 6) they will comply with all laws and regulations concerning those tests for which proficiency testing is being run.
- 7) all dealings between the participant and PTC shall be governed by the laws of the Province of Ontario (without reference to its choice of laws and conflict of law rules). Any action or proceeding commenced by either party against the other shall be commenced at and heard in the City of Ottawa, Ontario, Canada, and each party irrevocably submits to the jurisdiction of the courts of the Province of Ontario and waives any objection they may have to either the jurisdiction of or venue in such courts.
- 8) they will comply with modifications to requirements following due notice (which may be given by PTC newsletter, e-mail and/or hard copy by mail) of changes by PTC to the criteria, requirements, or conditions for PTC Programs, in a timeframe that, in the opinion of PTC, is reasonable.
- 9) they will analyze Proficiency Testing samples at the facility specified in the Application, provide the results to PTC, in the manner specified, and by the due date specified on the Instruction Sheet provided with the samples and available on the PTC Web site.
- 10) with the exception of specific instructions provided on the web site for each PT, PT samples shall be processed using the same workflow and level of effort as afforded the majority of client samples analysed using the PTC registered method (i.e., treated as routine).
- 11) participants may not collude with other participants, either within the same organization or between different organizations, and may not falsify results or other information provided to PTC.
- 12) PTC will not accept any changes to reported results after the reporting deadline.
- 13) PTC will not extend the deadline for reporting for an individual participant.

- 14) the participant will pay for any replacement samples with the exception of those lost or damaged during the shipping process. PTC must be notified within forty-eight hours of sample delivery of any damages. The participant will pay for any replacement samples requested more than forty-eight hours after receipt.
- 15) the participant may Dispute the outcome of a PT evaluation within thirty days of the Final PT Report being issued. Should the participant disagree with the resolution of the Dispute, the participant may Appeal this decision within ten days of receiving the decision on the Dispute. All communication with regard to Disputes and Appeals must be made in writing.
- 16) if the participant resides outside of Canada, the participant will pay shipping costs calculated as 25% of the sample fees registered for the PT round. PTC delivery responsibilities are considered to have been met once the PT samples have arrived in the participant's country and awaiting customs clearance.
- 17) PTC, and PTC's directors, officers, employees, and agents shall not be liable to the laboratory for any claims, damages, expenses, demands, losses, including lost revenue or profits, or any special, consequential or indirect damages whatsoever, arising from or incidental to the suspension or withdrawal of proficiency testing recognition by PTC, including without limitation, in the event when, following a dispute or an appeal instituted by the laboratory, the proficiency testing recognition status of the laboratory is reinstated by PTC, or to any other services offered by PTC, including without limitation, its published PT Directory of Laboratories.
- 18) the participant recognizes the right of PTC to suspend proficiency testing participation for any breach of paragraphs 1 to 17 of these TERMS AND CONDITIONS OF PROFICIENCY TESTING.

This laboratory is licensed or applying for a license under the OSDWA.

Authorized Representative

Signature

Title

Date DD/MM/YY

5.0 Proficiency Testing Participation

The tables below identify all tests that are part of the PT Canada Proficiency Testing Program. Please indicate the new or additional participation you require by:

- 1) *Analyte*: check the appropriate analyte(s) that are to be added;
- 2) *Test Method*: The Test Method is defined in terms of analytical techniques. Examples include: ICP-MS; GC/MS; etc. For microbiology methods, specify the media (e.g., MF-mENDO); and,
- 3) *Quantity*: The number of sample sets that are required. Unless otherwise requested, the participant will receive one set of samples per study.

The default PT registration involves receiving samples in the months indicated. The months that each PT is offered is provided in the application below. If the participant only requires samples in one of these months, please indicate below:

Test Group Series	Check only one per series		
Mar./Oct. Test Groups	<input type="checkbox"/> Mar. and Oct.	<input type="checkbox"/> Mar. only	<input type="checkbox"/> Oct. only
Jan./Jun. Test Groups	<input type="checkbox"/> Jan. and Jun.	<input type="checkbox"/> Jan. only	<input type="checkbox"/> Jun. only

If a PT participant is already receiving either a Jan/Jun or Mar/Oct group, we cannot accept a request for a single study participation for that same group. For example, if you are registered for a Jan/Jun group, you cannot request another Jan/Jun group but to only participate in either just January or just June. If you are not currently registered for a Jan/Jun or Mar/Oct study, you can then request a single study participation.

The participant is responsible for arranging customs clearance where necessary.

PT Canada provides discounts to Institutional members of the Canadian Association for Laboratory Accreditation (CALA). If you would like to become a CALA member, please visit the CALA website (www.cala.ca).

5.1 WATER INORGANICS

C01A Major Ions In Water		
	Analyte	Test Method
Mar. and Oct. 500 mL Preservative: None	<input type="checkbox"/> Alkalinity (pH 4.5)	
	<input type="checkbox"/> Calcium	
	<input type="checkbox"/> Chloride	
	<input type="checkbox"/> Conductivity (25 °C)	
	<input type="checkbox"/> Fluoride	
	<input type="checkbox"/> Hardness (as CaCO ₃)	
	<input type="checkbox"/> Inorganic Carbon	
	<input type="checkbox"/> Magnesium	
	<input type="checkbox"/> Nitrate	
	<input type="checkbox"/> Nitrate plus Nitrite	
	<input type="checkbox"/> Potassium	
	<input type="checkbox"/> Reactive Silica	
	<input type="checkbox"/> Sodium	
	<input type="checkbox"/> Sulfate	
Quantity Requested (Default = 1):		

C01B Simple Nutrients In Water		
	Analyte	Test Method
Mar. and Oct. 250 mL Preservative: None	<input type="checkbox"/> Ammonia	
	<input type="checkbox"/> Bromide	
	<input type="checkbox"/> Nitrite	
	<input type="checkbox"/> Organic Carbon	
	<input type="checkbox"/> Phosphate	
Quantity Requested (Default = 1):		

C02A Metals (Full Range) In Water		
	Analyte	Test Method
Mar. and Oct. 250 mL Preservative: 0.2% HNO ₃	<input type="checkbox"/> Aluminum	
	<input type="checkbox"/> Antimony	
	<input type="checkbox"/> Arsenic	
	<input type="checkbox"/> Barium	
	<input type="checkbox"/> Beryllium	
	<input type="checkbox"/> Boron	
	<input type="checkbox"/> Cadmium	
	<input type="checkbox"/> Chromium	
	<input type="checkbox"/> Cobalt	
	<input type="checkbox"/> Copper	
	<input type="checkbox"/> Iron	

CO2A (Cont.)		
	Analyte	Test Method
	<input type="checkbox"/> Lead	
	<input type="checkbox"/> Manganese	
	<input type="checkbox"/> Molybdenum	
	<input type="checkbox"/> Nickel	
	<input type="checkbox"/> Selenium	
	<input type="checkbox"/> Silver	
	<input type="checkbox"/> Strontium	
	<input type="checkbox"/> Thallium	
	<input type="checkbox"/> Tin	
	<input type="checkbox"/> Titanium	
	<input type="checkbox"/> Uranium	
	<input type="checkbox"/> Vanadium	
	<input type="checkbox"/> Zinc	

Quantity Requested (Default = 1):

CO2B Metals (High Range) In Water		
	Analyte	Test Method
Mar. and Oct. 250 mL Preservative: 0.2% HNO ₃	<input type="checkbox"/> Aluminum	
	<input type="checkbox"/> Barium	
	<input type="checkbox"/> Boron	
	<input type="checkbox"/> Chromium	
	<input type="checkbox"/> Cobalt	
	<input type="checkbox"/> Copper	
	<input type="checkbox"/> Iron	
	<input type="checkbox"/> Lead	
	<input type="checkbox"/> Manganese	
	<input type="checkbox"/> Molybdenum	
	<input type="checkbox"/> Nickel	
	<input type="checkbox"/> Strontium	
	<input type="checkbox"/> Thallium	
	<input type="checkbox"/> Titanium	
	<input type="checkbox"/> Vanadium	
	<input type="checkbox"/> Zinc	

Quantity Requested (Default = 1)

CO2C Metals (Total) In Water		
	Analyte	Test Method
Mar. and Oct. 250 mL Preservative: 0.2% HNO ₃	<input type="checkbox"/> Aluminum	
	<input type="checkbox"/> Antimony	
	<input type="checkbox"/> Arsenic	
	<input type="checkbox"/> Barium	

C02C (Cont.)		
	Analyte	Test Method
	<input type="checkbox"/> Beryllium	
	<input type="checkbox"/> Boron	
	<input type="checkbox"/> Cadmium	
	<input type="checkbox"/> Chromium	
	<input type="checkbox"/> Cobalt	
	<input type="checkbox"/> Copper	
	<input type="checkbox"/> Iron	
	<input type="checkbox"/> Lead	
	<input type="checkbox"/> Manganese	
	<input type="checkbox"/> Molybdenum	
	<input type="checkbox"/> Nickel	
	<input type="checkbox"/> Selenium	
	<input type="checkbox"/> Silver	
	<input type="checkbox"/> Strontium	
	<input type="checkbox"/> Thallium	
	<input type="checkbox"/> Tin	
	<input type="checkbox"/> Titanium	
	<input type="checkbox"/> Uranium	
	<input type="checkbox"/> Vanadium	
	<input type="checkbox"/> Zinc	
Quantity Requested (Default = 1) :		

C03 Complex Nutrients in Water		
	Analyte	Test Method
Mar. and Oct. 250 mL Preservative: pH < 2 H ₂ SO ₄	<input type="checkbox"/> Total Kjeldahl Nitrogen	
	<input type="checkbox"/> Total Phosphorus	
Quantity Requested (Default = 1) :		

C04A Solids in Water		
	Analyte	Test Method
Mar. and Oct. 500 mL Preservative: None	<input type="checkbox"/> Total Dissolved Solids	
	<input type="checkbox"/> Total Suspended Solids	
	<input type="checkbox"/> Volatile Suspended Solids	
Quantity Requested (Default = 1) :		

C04B Biochemical Oxygen Demand in Water		
	Analyte	Test Method
Mar. and Oct.	<input type="checkbox"/> BOD (5 day)	
1000 mL	<input type="checkbox"/> CBOD (5 day)	
Preservative: Freezing		Quantity Requested (Default = 1):

C04C Turbidity in Water		
	Analyte	Test Method
Mar. and Oct.	<input type="checkbox"/> Turbidity	
100 mL		
Preservative: None		Quantity Requested (Default = 1):

C04D Chemical Oxygen Demand in Water		
	Analyte	Test Method
Mar. and Oct.	<input type="checkbox"/> COD	
100 mL		
Preservative: pH < 2 H ₂ SO ₄		Quantity Requested (Default = 1):

C14 Cyanide in Water		
	Analyte	Test Method
Mar. and Oct.	<input type="checkbox"/> Cyanide (Strong acid dissociable)	
100 mL		
Preservative: pH > 12 NaOH		Quantity Requested (Default = 1):

C15 pH in Water		
	Analyte	Test Method
Mar. and Oct.	<input type="checkbox"/> pH	
125 mL		
Preservative: None		Quantity Requested (Default = 1):

C19 Mercury in Water		
	Analyte	Test Method
Mar. and Oct.	<input type="checkbox"/> Mercury	
125 mL		
Preservative: 0.5% Bromine Monochloride		Quantity Requested (Default = 1):

C32 Chlorine in Water		
	Analyte	Test Method
Mar. and Oct. 250 mL	<input type="checkbox"/> Free Chlorine	
	<input type="checkbox"/> Total Chlorine	
Preservative: None		Quantity Requested (Default = 1):

C33 Total 4AAP Phenolics in Water		
	Analyte	Test Method
Mar. and Oct. 250 mL	<input type="checkbox"/> Total Phenolics	
Preservative: pH < 2 H ₂ SO ₄		Quantity Requested (Default = 1):

C34 Oil and Grease in Water		
	Analyte	Test Method
Jan. and Jun. 1000 mL	<input type="checkbox"/> Mineral Oil and Grease	
	<input type="checkbox"/> Total Oil and Grease	
Preservative: pH < 2 H ₂ SO ₄		Quantity Requested (Default = 1):

C37 Colour in Water		
	Analyte	Test Method
Mar. and Oct. 125 mL	<input type="checkbox"/> True Colour	
Preservative: pH < 2 HCl		Quantity Requested (Default = 1):

C41 Hexavalent Chromium in Water		
	Analyte	Test Method
Jan. and Jun. 125 mL	<input type="checkbox"/> Hexavalent Chromium	
Preservative: pH 9.3 – 9.7 Ammonium Chloride		Quantity Requested (Default = 1):

C42 Sulphide in Water		
	Analyte	Test Method
Mar. and Oct. 125 mL	<input type="checkbox"/> Sulphide	
Preservative: pH 10 NaOH and Zn Ac		Quantity Requested (Default = 1):

C46 Acidity in Water		
	Analyte	Test Method
Jan. and Jun. 250 mL Preservative: None	<input type="checkbox"/> Acidity	
		Quantity Requested (Default = 1):

5.2 WATER ORGANICS

C06A Organochlorine Pesticides In Water		
	Analyte	Test Method
Jan. and Jun. 1000 mL Preservative: None	<input type="checkbox"/> alpha-BHC	
	<input type="checkbox"/> a-Chlordane	
	<input type="checkbox"/> Aldrin	
	<input type="checkbox"/> Dieldrin	
	<input type="checkbox"/> Endosulfan I	
	<input type="checkbox"/> Endosulfan II	
	<input type="checkbox"/> Endrin	
	<input type="checkbox"/> g-Chlordane	
	<input type="checkbox"/> Heptachlor	
	<input type="checkbox"/> Heptachlor Epoxide	
	<input type="checkbox"/> Lindane (gamma-BHC)	
	<input type="checkbox"/> Mirex	
	<input type="checkbox"/> o,p'-DDT	
	<input type="checkbox"/> p,p'-DDT	
	<input type="checkbox"/> p,p' Methoxychlor	
		Quantity Requested (Default = 1):

C06B PCBs In Water		
	Analyte	Test Method
Jan. and Jun. 1000 mL Preservative: None	<input type="checkbox"/> Aroclor 1242	
	<input type="checkbox"/> Aroclor 1248	
	<input type="checkbox"/> Aroclor 1254	
	<input type="checkbox"/> Aroclor 1260	
	<input type="checkbox"/> Total PCB	
		Quantity Requested (Default = 1):

C07 Polycyclic Aromatic Hydrocarbons in Water			
	Analyte	Test Method	
Jan. and Jun. 1000 mL Preservative: None	<input type="checkbox"/>	Acenaphthene	
	<input type="checkbox"/>	Acenaphthylene	
	<input type="checkbox"/>	Anthracene	
	<input type="checkbox"/>	Benzo(a)anthracene	
	<input type="checkbox"/>	Benzo(a)pyrene	
	<input type="checkbox"/>	Benzo(b)fluoranthene	
	<input type="checkbox"/>	Benzo(b+j)fluoranthene	
	<input type="checkbox"/>	Benzo(g,h,i)perylene	
	<input type="checkbox"/>	Benzo(k)fluoranthene	
	<input type="checkbox"/>	Chrysene	
	<input type="checkbox"/>	Dibenzo(a,h)anthracene	
	<input type="checkbox"/>	Fluoranthene	
	<input type="checkbox"/>	Fluorene	
	<input type="checkbox"/>	Indeno(1,2,3-cd)pyrene	
	<input type="checkbox"/>	Naphthalene	
	<input type="checkbox"/>	Phenanthrene	
	<input type="checkbox"/>	Pyrene	
Quantity Requested (Default = 1):			

C16 Volatile Organic Compounds In Water			
	Analyte	Test Method	
Jan. and Jun. 40 mL x 2 Pres: Sodium Bisulphate	<input type="checkbox"/>	1,1-Dichloroethane	
	<input type="checkbox"/>	1,1-Dichloroethylene	
	<input type="checkbox"/>	1,1,1-Trichloroethane	
	<input type="checkbox"/>	1,1,2-Trichloroethane	
	<input type="checkbox"/>	1,1,2,2-Tetrachloroethane	
	<input type="checkbox"/>	1,2-Dichlorobenzene	
	<input type="checkbox"/>	1,2-Dichloroethane	
	<input type="checkbox"/>	1,2-Dichloropropane	
	<input type="checkbox"/>	1,3-Dichlorobenzene	
	<input type="checkbox"/>	1,4-Dichlorobenzene	
	<input type="checkbox"/>	Acetone (2-Propanone)	
	<input type="checkbox"/>	Benzene	
	<input type="checkbox"/>	Bromodichloromethane	
	<input type="checkbox"/>	Bromoform	
	<input type="checkbox"/>	Carbon Tetrachloride	
	<input type="checkbox"/>	Chlorobenzene	
	<input type="checkbox"/>	Chlorodibromomethane	
	<input type="checkbox"/>	Chloroform	

C16 (Cont.)		
	Analyte	Test Method
	<input type="checkbox"/> cis-1,2-Dichloroethylene	
	<input type="checkbox"/> cis-1,3-Dichloropropene	
	<input type="checkbox"/> Dichloromethane	
	<input type="checkbox"/> Ethylbenzene	
	<input type="checkbox"/> Ethylene dibromide	
	<input type="checkbox"/> m/p-xylene	
	<input type="checkbox"/> Methyl ethyl ketone	
	<input type="checkbox"/> Methyl isobutyl ketone	
	<input type="checkbox"/> Methyl t-butyl ether	
	<input type="checkbox"/> o-xylene	
	<input type="checkbox"/> Styrene	
	<input type="checkbox"/> Tetrachloroethylene	
	<input type="checkbox"/> Toluene	
	<input type="checkbox"/> trans-1,2-Dichloroethylene	
	<input type="checkbox"/> trans-1,3-Dichloropropene	
	<input type="checkbox"/> Trichloroethylene	
	<input type="checkbox"/> Trichlorofluoromethane	
	<input type="checkbox"/> Vinyl Chloride	

Quantity Requested (Default = 1):

C22 Organophosphorus Pesticides In Water		
	Analyte	Test Method
Jan. and Jun. 1000 mL Preservative: None	<input type="checkbox"/> Atrazine	
	<input type="checkbox"/> Azinphos-methyl	
	<input type="checkbox"/> Bendiocarb	
	<input type="checkbox"/> Carbaryl	
	<input type="checkbox"/> Carbofuran	
	<input type="checkbox"/> Chlorpyrifos (ethyl)	
	<input type="checkbox"/> Cyanazine	
	<input type="checkbox"/> Diazinon	
	<input type="checkbox"/> Dimethoate	
	<input type="checkbox"/> Diuron	
	<input type="checkbox"/> Malathion	
	<input type="checkbox"/> Metolachlor	
	<input type="checkbox"/> Metribuzin	
	<input type="checkbox"/> Parathion (ethyl)	
	<input type="checkbox"/> Phorate	
	<input type="checkbox"/> Simazine	
	<input type="checkbox"/> Terbufos	
<input type="checkbox"/> Trifluralin		

Quantity Requested (Default = 1):

C24 Aryloxy Acid Pesticides In Water		
	Analyte	Test Method
Jan. and Jun. 1000 mL Preservative: pH < 2 H ₂ SO ₄	<input type="checkbox"/> 2,4-Dichlorophenoxy-acetic acid	
	<input type="checkbox"/> 2,4,5-Trichlorophenoxy-acetic acid	
	<input type="checkbox"/> Bromoxynil	
	<input type="checkbox"/> Dicamba	
	<input type="checkbox"/> Diclofop-methyl (as free acid)	
	<input type="checkbox"/> Dinoseb	
	<input type="checkbox"/> Picloram	
Quantity Requested (Default = 1):		

C25 Phenolic Compounds In Water		
	Analyte	Test Method
Jan. and Jun. 1000 mL Preservative: pH < 2 H ₂ SO ₄	<input type="checkbox"/> 2,3,4,6-tetrachlorophenol	
	<input type="checkbox"/> 2,4-dichlorophenol	
	<input type="checkbox"/> 2,4,6-trichlorophenol	
	<input type="checkbox"/> Pentachlorophenol	
Quantity Requested (Default = 1):		

C27 Glyphosate In Water		
	Analyte	Test Method
Jan. and Jun. 250 mL Preservative: 0.01% Thiosulphate	<input type="checkbox"/> Glyphosate	
Quantity Requested (Default = 1):		

C29 Aldicarb In Water		
	Analyte	Test Method
Jan. and Jun. 250 mL Preservative: 0.001 Thiosulphate	<input type="checkbox"/> Aldicarb	
Quantity Requested (Default = 1):		

C40A Petroleum Hydrocarbons In Water		
	Analyte	Test Method
Jan. and Jun. 40 mL x 2	<input type="checkbox"/> Benzene	
	<input type="checkbox"/> Ethylbenzene	
	<input type="checkbox"/> F1: C6 - C10	
	<input type="checkbox"/> m/p-Xylene	
	<input type="checkbox"/> o-Xylene	
	<input type="checkbox"/> Toluene	
	<input type="checkbox"/> VH: C6-C10 (NEW)	
Preservative: Sodium Bisulphate		Quantity Requested (Default = 1):

C40B Petroleum Hydrocarbons In Water		
	Analyte	Test Method
Jan. and Jun. 1000 mL Preservative: None	<input type="checkbox"/> F2: C10 - C16	
	<input type="checkbox"/> F3: C16 - C34	
	<input type="checkbox"/> F4: C34 - C50	
		Quantity Requested (Default = 1):

C47 Haloacetic Acids In Water		
	Analyte	Test Method
Jan. and Jun. 40 mL x 2	<input type="checkbox"/> Bromochloroacetic acid	
	<input type="checkbox"/> Dibromoacetic acid	
	<input type="checkbox"/> Dichloroacetic acid	
	<input type="checkbox"/> Monobromoacetic acid	
	<input type="checkbox"/> Monochloroacetic acid	
	<input type="checkbox"/> Trichloroacetic acid	
Preservative: Ammonium Chloride		Quantity Requested (Default = 1):

5.3 WATER MICROBIOLOGY

C05A Microbiology (Quantified) In Water		
	Analyte	Test Method
Mar. and Oct. 2 - 5 mL Preservative: Stabilized	<input type="checkbox"/> <i>Escherichia coli</i> (<i>E. coli</i>)	
	<input type="checkbox"/> Fecal (Thermotolerant)	
	<input type="checkbox"/> Heterotrophic Plate Count	
	<input type="checkbox"/> Total Coliforms	
		Quantity Requested (Default = 1):

C05B Microbiology (Presence/Absence) In Water		
	Analyte	Test Method
Mar. and Oct. 2 - 5 mL Preservative: Stabilized	<input type="checkbox"/> <i>Escherichia coli</i> (<i>E. coli</i>)	
	<input type="checkbox"/> Total Coliforms	
		Quantity Requested (Default = 1):

Human Pathogens and Toxins Act	
Any Canadian laboratory registering for C05A or C05B must provide PTC with their Public Health Agency of Canada licence number and expiry date.	
Licence Number	Expiry Date

5.4 SOIL

C17 Metals in Soil		
	Analyte	Test Method
Jan. and Jun. 5 - 7 g Preservative: None	<input type="checkbox"/> Aluminum	
	<input type="checkbox"/> Antimony	
	<input type="checkbox"/> Arsenic	
	<input type="checkbox"/> Barium	
	<input type="checkbox"/> Beryllium	
	<input type="checkbox"/> Boron	
	<input type="checkbox"/> Cadmium	
	<input type="checkbox"/> Chromium	
	<input type="checkbox"/> Cobalt	
	<input type="checkbox"/> Copper	
	<input type="checkbox"/> Iron	
	<input type="checkbox"/> Lead	
	<input type="checkbox"/> Manganese	
	<input type="checkbox"/> Mercury	
	<input type="checkbox"/> Nickel	
	<input type="checkbox"/> Strontium	
	<input type="checkbox"/> Tin	
	<input type="checkbox"/> Titanium	
	<input type="checkbox"/> Uranium	
	<input type="checkbox"/> Vanadium	
<input type="checkbox"/> Zinc		
		Quantity Requested (Default = 1):

C18 Polycyclic Aromatic Hydrocarbons in Soil			
	Analyte	Test Method	
Jan. and Jun. 25 - 40 g Preservative: None	<input type="checkbox"/>	Acenaphthene	
	<input type="checkbox"/>	Acenaphthylene	
	<input type="checkbox"/>	Anthracene	
	<input type="checkbox"/>	Benzo(a)anthracene	
	<input type="checkbox"/>	Benzo(a)pyrene	
	<input type="checkbox"/>	Benzo(b)fluoranthene	
	<input type="checkbox"/>	Benzo(b+j)fluoranthene	
	<input type="checkbox"/>	Benzo(g,h,i,)perylene	
	<input type="checkbox"/>	Benzo(k)fluoranthene	
	<input type="checkbox"/>	Chrysene	
	<input type="checkbox"/>	Dibenzo(a,h)anthracene	
	<input type="checkbox"/>	Fluoranthene	
	<input type="checkbox"/>	Fluorene	
	<input type="checkbox"/>	Indeno(1,2,3-cd)pyrene	
	<input type="checkbox"/>	Naphthalene	
	<input type="checkbox"/>	Phenanthrene	
<input type="checkbox"/>	Pyrene		
Quantity Requested (Default = 1):			

C31A Petroleum Hydrocarbons in Soil			
	Analyte	Test Method	
Jan. and Jun. 8 g Preservative: Methanol	<input type="checkbox"/>	Benzene	
	<input type="checkbox"/>	Ethylbenzene	
	<input type="checkbox"/>	F1: (C6-C10)	
	<input type="checkbox"/>	m/p-xylene	
	<input type="checkbox"/>	o-xylene	
	<input type="checkbox"/>	Toluene	
	<input type="checkbox"/>	VH (C6-C10)	
Quantity Requested (Default = 1):			

C31B Petroleum Hydrocarbons in Soil			
	Analyte	Test Method	
Jan. and Jun. 30g Preservative: Freezing	<input type="checkbox"/>	F2: C10-C16	
	<input type="checkbox"/>	F3: C16-C34	
	<input type="checkbox"/>	F4: C34-C50	
	<input type="checkbox"/>	F4G	
Quantity Requested (Default = 1):			

C35 PCBs in Soil		
	Analyte	Test Method
Jan. and Jun. 30g Preservative: None	<input type="checkbox"/> Aroclor 1242	
	<input type="checkbox"/> Aroclor 1248	
	<input type="checkbox"/> Aroclor 1254	
	<input type="checkbox"/> Aroclor 1260	
	<input type="checkbox"/> Total PCBs	
Quantity Requested (Default = 1):		

C36 Volatile Organic Compounds in Soil		
	Analyte	Test Method
Jan. and Jun. 8 g Preservative: Methanol	<input type="checkbox"/> 1,1-Dichloroethane	
	<input type="checkbox"/> 1,1-Dichloroethylene	
	<input type="checkbox"/> 1,1,1-Trichloroethane	
	<input type="checkbox"/> 1,1,2-Trichloroethane	
	<input type="checkbox"/> 1,1,2,2-Tetrachloroethane	
	<input type="checkbox"/> 1,2-Dichlorobenzene	
	<input type="checkbox"/> 1,2-Dichloroethane	
	<input type="checkbox"/> 1,2-Dichloropropane	
	<input type="checkbox"/> 1,3-Dichlorobenzene	
	<input type="checkbox"/> 1,4-Dichlorobenzene	
	<input type="checkbox"/> Acetone (2-Propanone)	
	<input type="checkbox"/> Benzene	
	<input type="checkbox"/> Bromodichloromethane	
	<input type="checkbox"/> Bromoform	
	<input type="checkbox"/> Carbon Tetrachloride	
	<input type="checkbox"/> Chlorobenzene	
	<input type="checkbox"/> Chlorodibromomethane	
	<input type="checkbox"/> Chloroform	
	<input type="checkbox"/> cis-1,2-Dichloroethylene	
	<input type="checkbox"/> cis-1,3-Dichloropropene	
	<input type="checkbox"/> Dichloromethane	
	<input type="checkbox"/> Ethylbenzene	
	<input type="checkbox"/> Ethylene dibromide	
	<input type="checkbox"/> m/p-xylene	
	<input type="checkbox"/> Methyl ethyl ketone	
	<input type="checkbox"/> Methyl isobutyl ketone	
	<input type="checkbox"/> Methyl t-butyl ether	
	<input type="checkbox"/> o-xylene	
	<input type="checkbox"/> Styrene	
	<input type="checkbox"/> Tetrachloroethylene	

C36 (Cont.)		
	Analyte	Test Method
	<input type="checkbox"/> Toluene	
	<input type="checkbox"/> trans-1,2-Dichloroethylene	
	<input type="checkbox"/> trans-1,3-Dichloropropene	
	<input type="checkbox"/> Trichloroethylene	
	<input type="checkbox"/> Trichlorofluoromethane	
Quantity Requested (Default = 1)		

C38 Volatile Organic Compounds in Soil (TCLP)		
	Analyte	Test Method
Jan. and Jun. 100 g Preservative: Freezing	<input type="checkbox"/> 1,2-Dichlorobenzene	
	<input type="checkbox"/> 1,2-Dichloroethane	
	<input type="checkbox"/> 1,4-Dichlorobenzene	
	<input type="checkbox"/> Benzene	
	<input type="checkbox"/> Carbon tetrachloride	
	<input type="checkbox"/> Chlorobenzene	
	<input type="checkbox"/> Chloroform	
	<input type="checkbox"/> Dichloromethane	
	<input type="checkbox"/> Methyl Ethyl Ketone	
	<input type="checkbox"/> Tetrachloroethylene	
<input type="checkbox"/> Trichloroethylene		
Quantity Requested (Default = 1):		

C39 Inorganics in Soil (TCLP)		
	Analyte	Test Method
Jan. and Jun. 200 g Preservative: None	<input type="checkbox"/> Arsenic	
	<input type="checkbox"/> Barium	
	<input type="checkbox"/> Boron	
	<input type="checkbox"/> Cadmium	
	<input type="checkbox"/> Chromium	
	<input type="checkbox"/> Cyanide, (WAD)	
	<input type="checkbox"/> Fluoride	
	<input type="checkbox"/> Lead	
	<input type="checkbox"/> Mercury	
	<input type="checkbox"/> Nitrate-N	
	<input type="checkbox"/> Nitrate plus Nitrite as N	
	<input type="checkbox"/> Selenium	
	<input type="checkbox"/> Silver	
	<input type="checkbox"/> Uranium	
Quantity Requested (Default = 1):		

C43 Solids in Soil

		Analyte	Test Method
Jan. and Jun. 100 g Preservative: None	<input type="checkbox"/>	Fixed Solids	
	<input type="checkbox"/>	Percent Moisture	
	<input type="checkbox"/>	Total Solids	
	<input type="checkbox"/>	Volatile Solids	
Quantity Requested (Default = 1):			

C44 Nutrients in Soil

		Analyte	Test Method
Jan. and Jun. 250 g Preservative: None	<input type="checkbox"/>	Ammonia-N	
	<input type="checkbox"/>	Kjeldahl Nitrogen	
	<input type="checkbox"/>	Phosphorus	
	<input type="checkbox"/>	Organic Carbon	
Quantity Requested (Default = 1):			

C45 Anions in Soil

		Analyte	Test Method
Jan. and Jun. 250 g Preservative: None	<input type="checkbox"/>	Bromide	
	<input type="checkbox"/>	Chloride	
	<input type="checkbox"/>	Fluoride	
	<input type="checkbox"/>	Nitrate-N	
	<input type="checkbox"/>	Phosphate-P	
	<input type="checkbox"/>	Sulphate	
	<input type="checkbox"/>	Percent Saturation	
Quantity Requested (Default = 1):			

C74 Hexavalent Chromium in Soil

		Analyte	Test Method
Jan. and Jun. Preservative: None	<input type="checkbox"/>	Hexavalent Chromium	
Quantity Requested (Default = 1):			

C75 Particle Size in Soil

		Analyte	Test Method
Jan. and Jun. 40 g Preservative: None	<input type="checkbox"/>	Percent Sand	
	<input type="checkbox"/>	Percent Silt	
	<input type="checkbox"/>	Percent Clay	
Quantity Requested (Default = 1):			

C76 Oil and Grease in Soil		
	Analyte	Test Method
Jan. and Jun.	<input type="checkbox"/> Total Oil and Grease	
Preservative: None	Quantity Requested (Default = 1):	

C77 Pesticides in Soil		
	Analyte	Test Method
Jan. and Jun.	<input type="checkbox"/> p,p'-DDT	
30 g ampoules	<input type="checkbox"/> Aldrin	
Preservative: None	<input type="checkbox"/> Alpha-BHC	
	<input type="checkbox"/> Alpha-Chlordane	
	<input type="checkbox"/> Beta-BHC	
	<input type="checkbox"/> Dieldrin	
	<input type="checkbox"/> Endosulfan I	
	<input type="checkbox"/> Endosulfan II	
	<input type="checkbox"/> Endrin	
	<input type="checkbox"/> Lindane	
	<input type="checkbox"/> Gamma-Chlordane	
	<input type="checkbox"/> Heptachlor	
	<input type="checkbox"/> Heptachlor Epoxide	
	<input type="checkbox"/> Methoxychlor	
	Quantity Requested (Default = 1):	

5.5 OIL

C08 PCBs in Oil		
	Analyte	Test Method
Jan. and June	<input type="checkbox"/> Aroclor 1242	
3 mL	<input type="checkbox"/> Aroclor 1248	
Preservative: None	<input type="checkbox"/> Aroclor 1254	
	<input type="checkbox"/> Aroclor 1260	
	<input type="checkbox"/> Total PCB	
	Quantity Requested (Default = 1):	

5.6 AIR

C09 Metals on Filters		
	Analyte	Test Method
Jan. and Jun. 47 mm quartz Preservative: None	<input type="checkbox"/> Cadmium	
	<input type="checkbox"/> Copper	
	<input type="checkbox"/> Lead	
	<input type="checkbox"/> Zinc	
Quantity Requested (Default = 1):		

C20 Asbestos		
	Analyte	Analyst Name
Jan. Mar. Jun. and Oct. Slides/Wedge Preservative: None	<input type="checkbox"/> Asbestos	
	<input type="checkbox"/> Asbestos	
	<input type="checkbox"/> Asbestos	
	<input type="checkbox"/> Asbestos	
Quantity Requested (Default = 1):		

5.7 TOXICOLOGY

C11 Trout LC50		
	Analyte	Test Method
Mar. and Oct. 1000 mL Preservative: None	<input type="checkbox"/> Trout LC50 (96 h)	
Quantity Requested (Default = 1):		

C12 <i>Daphnia</i> LC50		
	Analyte	Test Method
Mar. and Oct. 500 mL Preservative: None	<input type="checkbox"/> <i>Daphnia</i> LC50 (48 h)	
Quantity Requested (Default = 1):		

C13 Microtox™ IC50		
	Analyte	Test Method
Mar. and Oct. 100 mL Preservative: None	<input type="checkbox"/> Microtox™	
Quantity Requested (Default = 1):		

5.8 CANNABIS

C70 Potency in Cannabis		
	Analyte	Test Method
Mar. and Oct. 1 g vials Preservative: None	<input type="checkbox"/> Tetrahydrocannabinol (THC)	
	<input type="checkbox"/> Tetrahydrocannabinolic Acid (THCA)	
	<input type="checkbox"/> Cannabidiol (CBD)	
	<input type="checkbox"/> Cannabidiolic Acid (CBDA)	
Quantity Requested (Default = 1):		

C71 Pesticides in Cannabis		
	Analyte	Test Method
Mar. and Oct. 1 g vials and spiking solutions Preservative: None	<input type="checkbox"/> Acephate	
	<input type="checkbox"/> Aldicarb	
	<input type="checkbox"/> Azoxystrobin	
	<input type="checkbox"/> Bifenazate	
	<input type="checkbox"/> Boscalid	
	<input type="checkbox"/> Carbaryl	
	<input type="checkbox"/> Carbofuran	
	<input type="checkbox"/> Diazinon	
	<input type="checkbox"/> Diclorvos	
	<input type="checkbox"/> Dimethoate	
	<input type="checkbox"/> Ethoprophos	
	<input type="checkbox"/> Etoxazole	
	<input type="checkbox"/> Fipronil	
	<input type="checkbox"/> Fluxioxonil	
	<input type="checkbox"/> Imidacloprid	
	<input type="checkbox"/> Malathion	
	<input type="checkbox"/> Metalaxyl	
	<input type="checkbox"/> Methiocarb	
	<input type="checkbox"/> Methomyl	
	<input type="checkbox"/> Myclobutanil	
	<input type="checkbox"/> Oxamyl	
	<input type="checkbox"/> Paclobutrazol	
	<input type="checkbox"/> Propoxur	
	<input type="checkbox"/> Spiromesifen	
<input type="checkbox"/> Spirotetramet		
<input type="checkbox"/> Thiamethoxam		
<input type="checkbox"/> Trifloxystrobin		
Quantity Requested (Default = 1):		

C72 Metals in Hemp		
	Analyte	Test Method
Mar. and Oct. 2 g vials Preservative: None	<input type="checkbox"/> Arsenic	
	<input type="checkbox"/> Cadmium	
	<input type="checkbox"/> Chromium	
	<input type="checkbox"/> Lead	
	<input type="checkbox"/> Mercury	
Quantity Requested (Default = 1):		

C73 Residual Solvents in Hemp Seed Oil		
	Analyte	Test Method
Mar. and Oct. 1 g vials and spiking solutions Preservative: None	<input type="checkbox"/> 1-Butanol (n-Butanol)	
	<input type="checkbox"/> 1-Pentanol	
	<input type="checkbox"/> 1-Propanol (Propanol)	
	<input type="checkbox"/> 2-Butanol	
	<input type="checkbox"/> 2-Butanone (Methyl ethyl ketone, MEK)	
	<input type="checkbox"/> 2-Propanol (Isopropyl alcohol)	
	<input type="checkbox"/> 3-Methyl-1-butanol	
	<input type="checkbox"/> Acetone (2-Propanone)	
	<input type="checkbox"/> Anisole	
	<input type="checkbox"/> Butane	
	<input type="checkbox"/> Butyl acetate	
	<input type="checkbox"/> Dimethyl sulfoxide	
	<input type="checkbox"/> Ethanol	
	<input type="checkbox"/> Ethyl acetate	
	<input type="checkbox"/> Ethyl ether	
	<input type="checkbox"/> Heptane	
	<input type="checkbox"/> Isobutanol (2-Methyl-1-propanol)	
	<input type="checkbox"/> Isobutyl acetate	
	<input type="checkbox"/> Isopropyl acetate	
	<input type="checkbox"/> Methyl acetate	
<input type="checkbox"/> Pentane		
<input type="checkbox"/> Propane		
<input type="checkbox"/> Propyl acetate		
<input type="checkbox"/> Triethylamine		
Quantity Requested (Default = 1):		

C78 Water activation/% Moisture in Hemp		
	Analyte	Test Method
Mar. and Oct. 2 g vials Preservative: None	<input type="checkbox"/> Percent Moisture	
	<input type="checkbox"/> Water Activity	
Quantity Requested (Default = 1):		

6.0 Special Notes:

* Cannabis PT will only be shipped to laboratories that hold a valid Health Canada licence for cannabis testing. When submitting the application, please submit a copy of your laboratory's licence.

7.0 History of Changes

Date	Rev. No.	Sections	Changes
12/18/2019	1.0		Initial publication
02/12/2020	1.1	5.0	Modified C20 to include Analyst Name
12/02/2021	1.2	4.0	Removed the statement that suspensions will result from not reporting results. Also modified the international shipping to state that it will be 25% of sample cost.
03/10/2022	1.3	1.5	Updated contact information.