

P04-02 – CALA Application for Proficiency Testing  
**Revision 1.22** – April 17, 2018



**CALA**  
Proficiency Testing

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# CALA PROFICIENCY TESTING APPLICATION

## 1.0 INSTRUCTIONS

The PT application only has to be completed if the laboratory is new to the CALA PT 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.

### Step 1: Complete Section 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.

For existing participants, a copy of your current profile is available at [www.cala.ca/cala\\_directories.html](http://www.cala.ca/cala_directories.html) using the Directory login password provided by CALA. Review the Laboratory Identification for accuracy. If any changes are required, print a copy of the relevant form, make the changes on the form and include it with the CALA application.

All communication between CALA 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 allows emails from the CALA domain ([@cala.ca](mailto:@cala.ca)).

### Step 2: Complete Section 3.0 Terms and Conditions

CALA Proficiency Testing participants must comply with the terms and conditions ([http://www.cala.ca/PO4-01-Terms\\_and\\_Conditions.pdf](http://www.cala.ca/PO4-01-Terms_and_Conditions.pdf)). Failure to conform to these terms and conditions may result in withdrawal of PT participation.

### Step 3: Complete Section 4.0 Requesting Proficiency Testing

Only complete section 4 if your laboratory is requesting new proficiency testing.

### Step 4: Submit Your Application

Completed applications may be submitted by mail, fax 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 3 (signed by an authorized person); and,
- Section 4.

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

Send your completed application to:

CALA

Attention: Program Administrator

102-2934 Baseline Road

Ottawa, ON K2H 1B2

Telephone: (613) 233-5300

Fax: (613) 233-5501

Email: [programadmin@cala.ca](mailto:programadmin@cala.ca)

## 2.0 LABORATORY IDENTIFICATION FOR PT PROGRAM

CALA File No. (existing clients only)		Membership: <input type="checkbox"/> Yes <input type="checkbox"/> No (See P02-02 - Fee Schedule for benefits)	
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):
<b>LOCATION OF FACILITY</b>			
Contact		Email	
Street			
City	Province	Postal Code	Country
Phone Number		Facsimile Number	
<b>MAILING ADDRESS</b>			
		SAME AS (check, if applicable) <input type="checkbox"/> "Location of Facility"	
Contact		Email	
Street			
City	Province	Postal Code	Country
Phone Number		Facsimile Number	
<b>PT SAMPLE SHIPPING (COURIER) ADDRESS</b>			
		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	
<b>BILLING ADDRESS</b>			
		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	
<b>MANAGEMENT</b>			
Laboratory Manager/Director		Email	
Quality Assurance Officer		Email	
<b>WITHHOLDING TAX (INTERNATIONAL ONLY)</b>		<b>CLIENTS SERVED</b>	
Withholding Tax Required: <input type="checkbox"/> Yes <input type="checkbox"/> No Amount of tax: ____%		<input type="checkbox"/> All Interested Parties <input type="checkbox"/> Specified Clients <input type="checkbox"/> Internal	
<b>HOW DID YOU HEAR ABOUT CALA</b>			
How did you hear about CALA? (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 CALA <input type="checkbox"/> Other _____			

Note: All invoices and communications are provided by email.

## Canada’s Anti-Spam Legislation (CASL)

Canada’s new anti-spam law was passed in December 2010 and came into force on July 1, 2014. This 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.

### How does CASL Impact CALA Clients/Laboratories?

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

### What are CALA SUBSCRIPTION Communications?

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

1. **Training Program Information:** receive monthly newsletters, and updates on new and upcoming courses, and exciting e-training opportunities.
2. **Surveys:** feedback obtained from surveys is very important for program and service development and improvements.
3. **Quarterly Newsletter:** contains important information on CALA programs/services, as well as notices, Board updates, industry news and CALA document updates.
4. **General Marketing:** occasionally CALA will forward information on services, products and upcoming events of interest to CALA clients.

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

CALA Subscription Selection					
Email Address	Initials of Email owner	1	2	3	4
		<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"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 3.0 TERMS AND CONDITIONS OF PROFICIENCY TESTING

\_\_\_\_\_  
Name of Laboratory

\_\_\_\_\_  
CALA File No.

As an Authorized Representative of this laboratory, I agree to the general terms and conditions found in Section 1.1 of P04-01 - *Terms and Conditions of Accreditation and/or Proficiency Testing* and the following applicable statements (choose all that apply):

- This laboratory is a participant in the CALA Proficiency Testing Program, and I agree to terms and conditions found in Section 1.2, P04-01.
  
- This laboratory is a participant in the CALA Accreditation Program, and I agree to terms and conditions found in Section 1.3, P04-01.
  
- This laboratory is licensed or applying for a license under the OSDWA, and I agree to terms and conditions found in Section 1.4, P04-01.
  
- This laboratory conducts testing for legislation enforced by the CFIA, and I agree to terms and conditions found in Section 1.5, P04-01.

\_\_\_\_\_  
Authorized Representative

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
DD/MM/YY

## 4.0 PROFICIENCY TESTING PARTICIPATION

The tables below identify all tests that are part of the CALA 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.

The price per study is based on:

- a) CALA member
- b) Not a CALA member

If there is any discrepancy between the prices indicated here and the prices indicated in P02-02 CALA Fee Schedule, those listed in P02-02 will be taken as accurate.



Test Group		Price per Study		
C01A MAJOR IONS IN WATER		Member	Non-Member	Quantity
		\$250	\$325	<input type="text"/>
Mar. and Oct. 500 mL	<b>Analyte</b>	<b>Test Method</b>		
	<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 <sub>3</sub> )	_____		
	<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	_____		

Test Group		Price per Study		
C01B NUTRIENTS IN WATER		Member	Non-Member	Quantity
		\$210	\$275	<input type="text"/>
Mar. and Oct. 250 mL	<b>Analyte</b>	<b>Test Method</b>		
	<input type="checkbox"/> Ammonia	_____		
	<input type="checkbox"/> Bromide	_____		
	<input type="checkbox"/> Nitrite	_____		
	<input type="checkbox"/> Organic Carbon	_____		
	<input type="checkbox"/> Phosphate	_____		

Test Group		Price per Study		
C02A METALS (FULL RANGE) IN WATER		Member	Non-Member	Quantity
		\$210	\$275	<input type="text"/>
Mar. and Oct. 250 mL	<b>Analyte</b>	<b>Test Method</b>		
	<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	_____		

Test Group

**CO2A METALS (FULL RANGE) IN WATER (Cont.)**

Analyte	Test Method
<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	_____

Test Group

Price per Study

**CO2B Metals (High Range) in Water**

Member	Non-Member
<b>\$210</b>	<b>\$275</b>

Quantity
<input type="text"/>

Mar. and Oct.  
250 mL

Analyte	Test Method
<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	_____

Test Group		Price per Study		
<b>C02C Metals (TOTAL) in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$210</b>	<b>\$275</b>	<input type="text"/>
Mar. and Oct. 250 mL	<u>Analyte</u>	<u>Test Method</u>		
	<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	_____		

Test Group		Price per Study		
<b>C03 Complex Nutrients in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$175</b>	<b>\$230</b>	<input type="text"/>
Mar. and Oct. 250 mL	<u>Analyte</u>	<u>Test Method</u>		
	<input type="checkbox"/> Total Kjeldahl Nitrogen	_____		
	<input type="checkbox"/> Total Phosphorus	_____		

Test Group		Price per Study		
<b>C04A Solids in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$165</b>	<b>\$215</b>	<input type="text"/>
Mar. and Oct. 500 mL	<u>Analyte</u>	<u>Test Method</u>		
	<input type="checkbox"/> Total Dissolved Solids	_____		
	<input type="checkbox"/> Total Suspended Solids	_____		
	<input type="checkbox"/> Volatile Suspended Solids	_____		

Test Group		Price per Study		
<b>C04B BOD in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$180</b>	<b>\$235</b>	<input type="text"/>
Mar. and Oct.	<u>Analyte</u>	<u>Test Method</u>		
1000 mL	<input type="checkbox"/> BOD (5 day)	_____		
	<input type="checkbox"/> CBOD (5 day)	_____		

Test Group		Price per Study		
<b>C04C Turbidity in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$160</b>	<b>\$210</b>	<input type="text"/>
Mar. and Oct.	<u>Analyte</u>	<u>Test Method</u>		
100 mL	<input type="checkbox"/> Turbidity	_____		

Test Group		Price per Study		
<b>C04D COD in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$160</b>	<b>\$210</b>	<input type="text"/>
Mar. and Oct.	<u>Analyte</u>	<u>Test Method</u>		
100 mL	<input type="checkbox"/> COD	_____		

Test Group		Price per Study		
<b>C05A Microbiology (quantified) in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$235</b>	<b>\$310</b>	<input type="text"/>
Mar. and Oct.	<u>Analyte</u>	<u>Test Method</u>		
2-5 mL	<input type="checkbox"/> <i>Escherichia coli</i> ( <i>E.coli</i> )	_____		
	<input type="checkbox"/> Fecal (Thermotolerant) Coliforms	_____		
	<input type="checkbox"/> Heterotrophic Plate Count	_____		
	<input type="checkbox"/> Total Coliforms	_____		

Test Group		Price per Study		
<b>C05B Microbiology (Presence/Absence) in Water</b>		<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
		<b>\$250</b>	<b>\$325</b>	<input type="text"/>
Mar. and Oct.	<u>Analyte</u>	<u>Test Method</u>		
2-5 mL	<input type="checkbox"/> <i>Escherichia coli</i> ( <i>E.coli</i> )	_____		
	<input type="checkbox"/> Total Coliforms	_____		

**Human Pathogens and Toxins Act**

Any Canadian laboratory registering for C05A or C05B must provide CALA with their Public Health Agency of Canada license number.

Expiry Date:

Samples will not be shipped without this information

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C06A Organochlorine Pesticides in Water</b>	<b>\$340</b>	<b>\$445</b>	<input type="text"/>

Jan. and Jun. 1000 mL	<u>Analyte</u>	<u>Test Method</u>
	<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	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C06B PCBs in Water</b>	<b>\$295</b>	<b>\$385</b>	<input type="text"/>

Jan. and Jun. 1000 mL	<u>Analyte</u>	<u>Test Method</u>
	<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	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C07 Polycyclic Aromatic Hydrocarbons in Water</b>	<b>\$295</b>	<b>\$385</b>	<input type="text"/>

Jan. and Jun. 1000 mL	<u>Analyte</u>	<u>Test Method</u>
	<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+j)fluoranthene	_____
	<input type="checkbox"/> Benzo(b)fluoranthene	_____
	<input type="checkbox"/> Benzo(g,h,i)perylene	_____
	<input type="checkbox"/> Benzo(k)fluoranthene	_____

**C07 (Cont.)**

<u>Analyte</u>	<u>Test Method</u>
<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	_____

**Test Group**

**Price per Study**

<b>C08 PCBs in Oil</b>	<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
	<b>\$240</b>	<b>\$315</b>	<input type="text"/>

Jan. and Jun.  
3 mL

<u>Analyte</u>	<u>Test Method</u>
<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	_____

**Test Group**

**Price per Study**

<b>C09 Metals on Air Filters</b>	<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
	<b>\$230</b>	<b>\$300</b>	<input type="text"/>

Jan. and Jun.  
47 mm quartz

<u>Analyte</u>	<u>Test Method</u>
<input type="checkbox"/> Cadmium	_____
<input type="checkbox"/> Copper	_____
<input type="checkbox"/> Lead	_____
<input type="checkbox"/> Zinc	_____

**Test Group**

**Price per Study**

<b>C11 Trout LC50</b>	<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
	<b>\$265</b>	<b>\$345</b>	<input type="text"/>

Mar. and Oct.  
1000 mL

<u>Analyte</u>	<u>Test Method</u>
<input type="checkbox"/> Trout LC50 (96 h)	_____

**Test Group**

**Price per Study**

<b>C12 Daphnia LC50</b>	<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
	<b>\$265</b>	<b>\$345</b>	<input type="text"/>

Mar. and Oct.  
500 mL

<u>Analyte</u>	<u>Test Method</u>
<input type="checkbox"/> Daphnia LC50 (48 h)	_____

Test Group	Price per Study		
	Member	Non-Member	Quantity
<b>C13 Microtox IC50</b>	<b>\$265</b>	<b>\$345</b>	<input type="text"/>

Mar. and Oct. Analyte Test Method  
 100 mL  Microtox IC50 (15 min) \_\_\_\_\_

Test Group	Price per Study		
	Member	Non-Member	Quantity
<b>C14 Cyanide in Water</b>	<b>\$180</b>	<b>\$235</b>	<input type="text"/>

Mar. and Oct. Analyte Test Method  
 500 mL  Cyanide (Strong acid dissociable) \_\_\_\_\_

Test Group	Price per Study		
	Member	Non-Member	Quantity
<b>C15 pH in Water</b>	<b>\$135</b>	<b>\$180</b>	<input type="text"/>

Mar. and Oct. Analyte Test Method  
 125 mL  pH \_\_\_\_\_

Test Group	Price per Study		
	Member	Non-Member	Quantity
<b>C16 Volatile Organic Compounds in Water</b>	<b>\$315</b>	<b>\$410</b>	<input type="text"/>

Jan. and Jun. Analyte Test Method  
 40 mL x 2

- 1,1-Dichloroethane \_\_\_\_\_
- 1,1-Dichloroethylene \_\_\_\_\_
- 1,1,1-Trichloroethane \_\_\_\_\_
- 1,1,2-Trichloroethane \_\_\_\_\_
- 1,1,2,2-Tetrachloroethane \_\_\_\_\_
- 1,2-Dichlorobenzene \_\_\_\_\_
- 1,2-Dichloroethane \_\_\_\_\_
- 1,2-Dichloropropane \_\_\_\_\_
- 1,3-Dichlorobenzene \_\_\_\_\_
- 1,4-Dichlorobenzene \_\_\_\_\_
- Acetone (2-Propanone) \_\_\_\_\_
- Benzene \_\_\_\_\_
- Bromodichloromethane \_\_\_\_\_
- Bromoform \_\_\_\_\_
- Carbon Tetrachloride \_\_\_\_\_
- Chlorobenzene \_\_\_\_\_
- Chlorodibromomethane \_\_\_\_\_
- Chloroform \_\_\_\_\_

**Test Group**

**C16 (Cont.)**

Analyte

Test Method

- cis-1,2-Dichloroethylene \_\_\_\_\_
- cis-1,3-Dichloropropene \_\_\_\_\_
- Dichloromethane \_\_\_\_\_
- Ethylbenzene \_\_\_\_\_
- Ethylene dibromide \_\_\_\_\_
- m/p-xylene \_\_\_\_\_
- Methyl ethyl ketone \_\_\_\_\_
- Methyl isobutyl ketone \_\_\_\_\_
- Methyl t-butyl ether \_\_\_\_\_
- o-xylene \_\_\_\_\_
- Styrene \_\_\_\_\_
- Tetrachloroethylene \_\_\_\_\_
- Toluene \_\_\_\_\_
- trans-1,2-Dichloroethylene \_\_\_\_\_
- trans-1,3-Dichloropropene \_\_\_\_\_
- Trichloroethylene \_\_\_\_\_
- Trichlorofluoromethane \_\_\_\_\_
- Vinyl Chloride \_\_\_\_\_

**Test Group**

**Price per Study**

**C17 Metals in Soil**

**Member    Non-Member**  
**\$170       \$225**

**Quantity**

Jan. and Jun.  
5-7 g

Analyte

Test Method

- Aluminum \_\_\_\_\_
- Antimony \_\_\_\_\_
- Arsenic \_\_\_\_\_
- Barium \_\_\_\_\_
- Beryllium \_\_\_\_\_
- Boron \_\_\_\_\_
- Cadmium \_\_\_\_\_
- Chromium \_\_\_\_\_
- Cobalt \_\_\_\_\_
- Copper \_\_\_\_\_
- Iron \_\_\_\_\_
- Lead \_\_\_\_\_
- Manganese \_\_\_\_\_
- Mercury \_\_\_\_\_
- Nickel \_\_\_\_\_



**C17 (Cont.)**

<u>Analyte</u>	<u>Test Method</u>
<input type="checkbox"/> Strontium	_____
<input type="checkbox"/> Tin	_____
<input type="checkbox"/> Titanium	_____
<input type="checkbox"/> Uranium	_____
<input type="checkbox"/> Vanadium	_____
<input type="checkbox"/> Zinc	_____

<b>Test Group</b>	<b>Price per Study</b>		<b>Quantity</b>
	<b>Member</b>	<b>Non-Member</b>	
<b>C18 Polycyclic Aromatic Hydrocarbons in Soil</b>	<b>\$230</b>	<b>\$300</b>	<input type="text"/>

	<u>Analyte</u>	<u>Test Method</u>
Jan. and Jun. 25-40 g	<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	_____

<b>Test Group</b>	<b>Price per Study</b>		<b>Quantity</b>
	<b>Member</b>	<b>Non-Member</b>	
<b>C19 Mercury in Water</b>	<b>\$170</b>	<b>\$225</b>	<input type="text"/>

	<u>Analyte</u>	<u>Test Method</u>
Mar. and Oct. 125 mL	<input type="checkbox"/> Mercury	_____

**Test Group**

**Price per Study**

<b>C20 Asbestos</b>	<b>Member</b>	<b>Non-Member</b>
	<b>\$285</b>	<b>\$375</b>

Jan. Mar. Jun. & Oct.     Asbestos  
 Slides/wedge

Analyst Name

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Test Group**

**Price per Study**

<b>C22 Organophosphorus Pesticides in Water</b>	<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
	<b>\$485</b>	<b>\$635</b>	<input type="text"/>

Jan. and Jun.  
 1000 mL

Analyte

- Atrazine
- Azinphos-methyl
- Bendiocarb
- Carbaryl
- Carbofuran
- Chlorpyriphos (ethyl)
- Cyanazine
- Diazinon
- Dimethoate
- Diuron
- Malathion
- Metolachlor
- Metribuzin
- Parathion (ethyl)
- Phorate
- Simazine
- Terbufos
- Trifluralin

Test Method

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C24 Aryloxy Acid Pesticides in Water</b>	<b>\$320</b>	<b>\$420</b>	<input type="text"/>
Jan. and Jun. 1000 mL	<b>Analyte</b>	<b>Test Method</b>	
	<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	_____	

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C25 Phenolic Compounds in Water</b>	<b>\$310</b>	<b>\$405</b>	<input type="text"/>
Jan. and Jun. 1000 mL	<b>Analyte</b>	<b>Test Method</b>	
	<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	_____	

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C27 Glyphosate in Water</b>	<b>\$270</b>	<b>\$355</b>	<input type="text"/>
Jan. and Jun. 250 mL	<b>Analyte</b>	<b>Test Method</b>	
	<input type="checkbox"/> Glyphosate	_____	

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C29 Aldicarb in Water</b>	<b>\$330</b>	<b>\$430</b>	<input type="text"/>
Jan. and Jun. 250 mL	<b>Analyte</b>	<b>Test Method</b>	
	<input type="checkbox"/> Aldicarb	_____	

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C31A Petroleum Hydrocarbons and BTEX in Soil</b>	<b>\$275</b>	<b>\$360</b>	<input type="text"/>

Jan. and Jun. 30 g	Analyte	Test Method
	<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)	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C31B Petroleum Hydrocarbons in Soil</b>	<b>\$275</b>	<b>\$360</b>	<input type="text"/>

Jan. and Jun. 30 g	Analyte	Test Method
	<input type="checkbox"/> F2: C10-C16	_____
	<input type="checkbox"/> F3: C16-C34	_____
	<input type="checkbox"/> F4: C34-C50	_____
	<input type="checkbox"/> F4G	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C32 Chlorine in Water</b>	<b>\$160</b>	<b>\$210</b>	<input type="text"/>

Mar. and Oct. 250 mL	Analyte	Test Method
	<input type="checkbox"/> Free Chlorine	_____
	<input type="checkbox"/> Total Chlorine	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C33 Total 4AAP Phenolics in Water</b>	<b>\$185</b>	<b>\$245</b>	<input type="text"/>

Mar. and Oct. 250 mL	Analyte	Test Method
	<input type="checkbox"/> Total Phenolics	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C34 Total Oil and Grease in Water</b>	<b>\$260</b>	<b>\$340</b>	<input type="text"/>

Jan. and Jun. 1000 mL	Analyte	Test Method
	<input type="checkbox"/> Mineral Oil and Grease	_____
	<input type="checkbox"/> Total Oil and Grease	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C35 PCBs in Soil</b>	<b>\$250</b>	<b>\$325</b>	<input type="text"/>
Jan. and Jun. 30 g	<b>Analyte</b>	<b>Test Method</b>	
	<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	_____	

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C36 Volatile Organic Compounds in Soil</b>	<b>\$335</b>	<b>\$440</b>	<input type="text"/>
Jan. and Jun. 8 g	<b>Analyte</b>	<b>Test Method</b>	
	<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 checked="" 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	_____	

**C36 (Cont.)**

<u>Analyte</u>	<u>Test Method</u>
<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	_____

**Test Group**

**Price per Study**

<b>C37 Colour in Water</b>	<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
	<b>\$130</b>	<b>\$170</b>	<input type="text"/>

	<u>Analyte</u>	<u>Test Method</u>
Mar. and Oct. 125 mL	<input type="checkbox"/> True Colour	_____

**Test Group**

**Price per Study**

<b>C38 Volatile Organic Compounds in Soil (TCLP)</b>	<b>Member</b>	<b>Non-Member</b>	<b>Quantity</b>
	<b>\$310</b>	<b>\$405</b>	<input type="text"/>

	<u>Analyte</u>	<u>Test Method</u>
Jan/Jun 100 g	<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	_____

Test Group		Price per Study		Quantity
C39 Inorganics in Soil (TCLP)		Member	Non-Member	
		\$325	\$425	<input type="text"/>
Jan/Jun 200 g	<u>Analyte</u>	<u>Test Method</u>		
	<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	_____		
	<input type="checkbox"/> Nitrate-N	_____		
	<input type="checkbox"/> Nitrate plus Nitrite as N	_____		

Test Group		Price per Study		Quantity
C40A Petroleum Hydrocarbons in Water		Member	Non-Member	
		\$290	\$380	<input type="text"/>
Jan. and Jun 40 mL (x2)	<u>Analyte</u>	<u>Test Method</u>		
	<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	_____		

Test Group		Price per Study		Quantity
C40B Petroleum Hydrocarbons in Water		Member	Non-Member	
		\$290	\$380	<input type="text"/>
Jan. and Jun 1000 mL	<u>Analyte</u>	<u>Test Method</u>		
	<input type="checkbox"/> F2: C10 - C16	_____		
	<input type="checkbox"/> F3: C16 - C34	_____		
	<input type="checkbox"/> F4: C34 - C50	_____		

Test Group	Price per Study		Quantity
	Member	Non-Member	
C41 Hexavalent Chromium in Water	\$245	\$320	<input type="text"/>

Jan. and Jun. Analyte Test Method  
 125 mL  Hexavalent Chromium \_\_\_\_\_

Test Group	Price per Study		Quantity
	Member	Non-Member	
C42 Sulphide in Water	\$170	\$225	<input type="text"/>

Mar. and Oct. Analyte Test Method  
 125 mL  Sulphide \_\_\_\_\_

Test Group	Price per Study		Quantity
	Member	Non-Member	
C43 Solids in Soil <b>NEW</b>	\$170	\$225	<input type="text"/>

Jan. and Jun. Analyte Test Method  
 100 g  Fixed Solids \_\_\_\_\_  
 Percent Moisture \_\_\_\_\_  
 Total Solids \_\_\_\_\_  
 Volatile Solids \_\_\_\_\_

Test Group	Price per Study		Quantity
	Member	Non-Member	
C44 Nutrients in Soil <b>NEW</b>	\$170	\$225	<input type="text"/>

Jan. and Jun. Analyte Test Method  
 250 g  Ammonia-N \_\_\_\_\_  
 Kjeldahl Nitrogen \_\_\_\_\_  
 Phosphorus \_\_\_\_\_  
 Organic Carbon \_\_\_\_\_



Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>C45 Anions in Soil NEW</b>	<b>\$170</b>	<b>\$225</b>	<input type="text"/>

Jan. and Jun. 250 g	<b>Analyte</b>	<b>Test Method</b>
	<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"/> % Saturation	_____

**Please indicate extraction procedure**

- Saturated Paste   
  soil:water = 1:5   
  soil:water = 1:10  
 soil:water = 1:20   
  soil:water = other

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>P50 Chlorine in Drinking Water - Test-Kits</b>	<b>\$85</b>	<b>\$115</b>	<input type="text"/>

Mar. and Oct. 125 mL	<b>Analyte</b>	<b>Test Method</b>
	<input type="checkbox"/> Free Chlorine	_____
	<input type="checkbox"/> Total Chlorine	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>P51 Turbidity in Drinking Water - Test-Kits</b>	<b>\$85</b>	<b>\$115</b>	<input type="text"/>

Mar. and Oct. 125 mL	<b>Analyte</b>	<b>Test Method</b>
	<input type="checkbox"/> Turbidity	_____

Test Group	Price per Study		Quantity
	Member	Non-Member	
<b>P52 pH in Drinking Water - Test-Kits</b>	<b>\$85</b>	<b>\$115</b>	<input type="text"/>

Mar. and Oct. 125 mL	<b>Analyte</b>	<b>Test Method</b>
	<input type="checkbox"/> pH	_____

Note: P50, P51 and P52 are restricted to use in water and wastewater treatment facilities using portable test kits for these analytes.