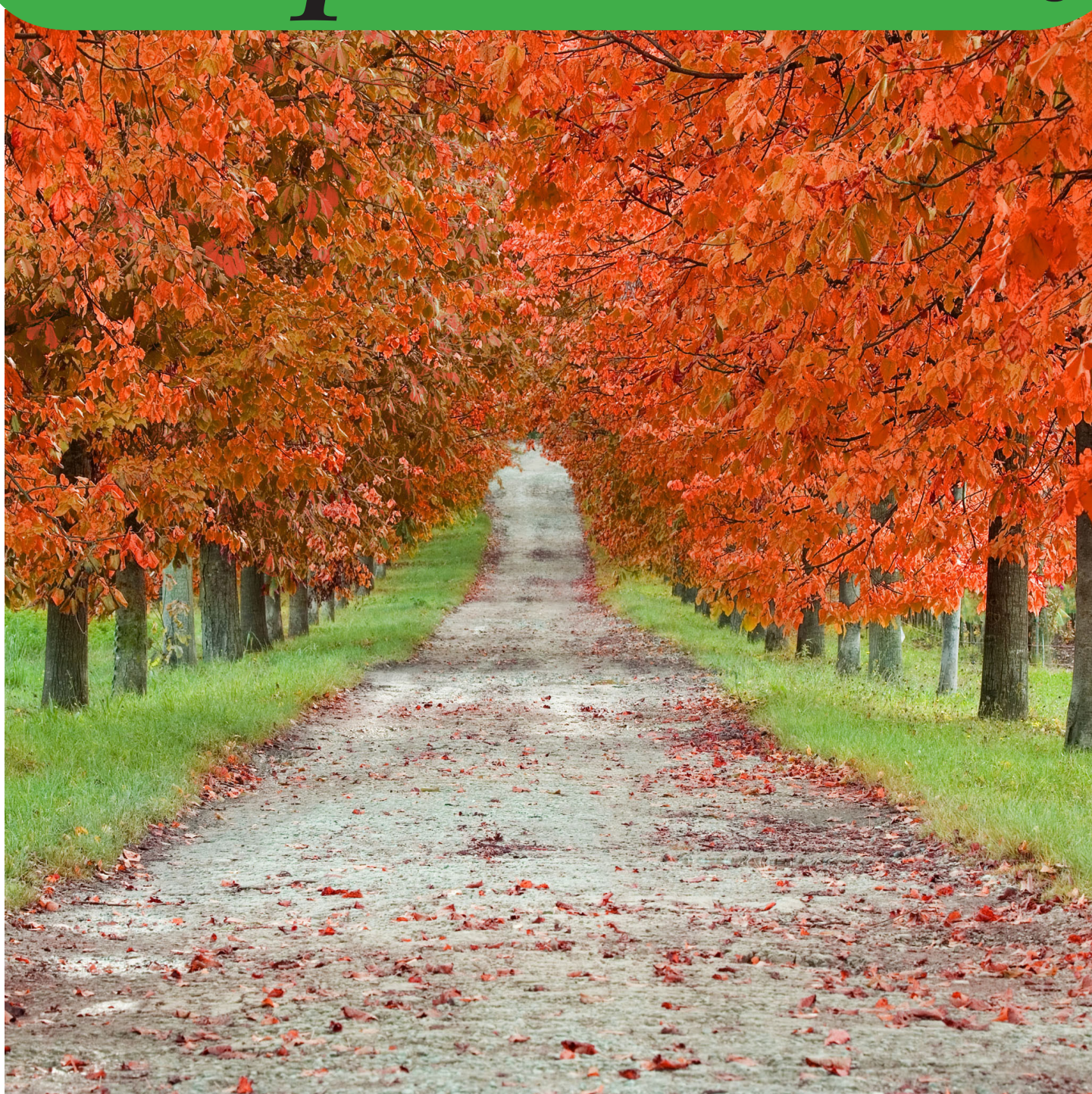


WSLH *P*roficiency
*T*esting

2014

Environmental Catalog



Your Pathway to Proficiency Testing Success



**Wisconsin State
Laboratory of Hygiene**
UNIVERSITY OF WISCONSIN-MADISON

www.wslhpt.org • 1-800-462-5261

Enrollment Information

Why Enroll in Proficiency Testing?

Responsibility to your customers: As the public becomes more knowledgeable and concerned about environmental contamination and disease, your customers are relying on you for even greater accuracy and quality in test results.

State certification: Many states, including Wisconsin, require proficiency testing for environmental laboratories. WSLH Proficiency Testing is an approved provider of environmental proficiency testing (PT) samples for Wisconsin environmental laboratory certification and registration.

Quality Assurance: Make proficiency testing an integral part of your laboratory's Quality Assurance program. Successful testing can help ensure your laboratory meets the quality standards demanded by your current and potential customers, as well as regulatory and accrediting agencies.

How Do I Enroll?

Returning customers: Review demographic information and products listed in the enclosed re-enrollment form. Edit (if necessary) and return.

New customers: Complete and return both the Environmental Enrollment and Environmental Order forms enclosed in this catalog.

Forms may also be found on our website at www.wslhpt.org/env. Payments or purchase orders referencing your enrollment may be submitted at a later date.

Cancellation Policy: Full credit will be made for product cancellations requested, in writing, more than 30 calendar days prior to the product's first scheduled shipment date. Partial credit will be made for cancellations requested at least 30 calendar days before any subsequent shipments. Credit(s) are applied to existing account balance unless a refund check is requested.

Who to Contact

Questions Regarding	Contact	Phone	Email
<ul style="list-style-type: none">EnrollmentProgram contentScoringSurvey Validated Sample availabilityGeneral environmental proficiency testing	Judy Nichols (Chemistry)	(800) 462-5261 x56	judy.nichols@slh.wisc.edu
	Laura Louison (Micro)	(800) 462-5261 x44	laura.louison@slh.wisc.edu
<ul style="list-style-type: none">Lab testing procedures for chemistry analytes	Roger Schultz	(608) 224-6282	roger.schultz@slh.wisc.edu
<ul style="list-style-type: none">Microbiology testing procedures	Sharon Kluender	(608) 224-6262	sharon.kluender@slh.wisc.edu
<ul style="list-style-type: none">Billing	WSLH Accounts Receivable Department	(800) 862-1065	
<ul style="list-style-type: none">Wisconsin certification and registration requirements for chemistry	Wisconsin Department of Natural Resources	(608) 267-7633	Labcert@dnr.state.wi.us Website: http://www.dnr.state.wi.us/org/es/science/lc/info
<ul style="list-style-type: none">Wisconsin certification requirements for microbiology	Laura Traas Department of Agriculture, Trade and Consumer Protection	(414) 760-1364	laura.traas@datcp.state.wi.us

Water Microbiology

Water Microbiology Certification Samples

This program contains two shipments of 5 samples each. Samples contain lyophilized bacteria associated with drinking water. These samples should be analyzed for each total coliform/fecal coliform or E. coli method or technique used in your laboratory for a complete public water test.

2014 Ship Schedule for Water Microbiology Certification Samples	
Ship Date	Samples
March 24, 2014	WM2014-1
October 20, 2014	WM2014-2

Water Microbiology Quality Assurance Samples

Labs may purchase either one or two shipments of three known samples of lyophilized bacteria associated with drinking water. These samples are useful for demonstrating analyst competency, training new analysts or practicing tests that have been problematic in the past.

2014 Ship Schedule for Water Microbiology Quality Assurance Samples	
Ship Date	Samples
April 21, 2014	WQA2014-1
September 22, 2014	WQA2014-2

Potable and Non-Potable Water

Environmental Reference Certification Samples

This program will meet your requirements for **Wisconsin certification and/or registration**.

The program works as follows:

1. WSLH PT will ship you the requested samples.
2. You return your results by the results due date. You will receive a report of true values, acceptable ranges and scored results in less than 30 days from the due date.
3. Scored results are electronically transferred to the Wisconsin DNR Laboratory Certification Program.
4. If you successfully analyze the samples, no further action need be taken.
5. If you fail any of the analyses, additional samples will be shipped to you on the next shipment date.

Environmental Reference Enrollment Policy – Due to Wisconsin certification requirements, enrollment in the Environmental Reference Samples program will continue for the number of events it takes for your lab to attain satisfactory performance. **If your laboratory does not pass all analytes in the first event, then in the next event shipment you will automatically receive and be billed for the analytes that still need to be passed unless a written cancellation request is received 30 calendar days prior to the shipment date.** If your laboratory does not pass the second event, this process will be repeated for the third event.

2014 Ship Schedule for Environmental Reference Certification Samples		
Ship Date	Potable Water Samples	Non-potable water Samples
January 6, 2014	DW2014-1	ER2014-1
April 7, 2014	DW2014-2	ER2014-2
June 9, 2014	DW2014-3	ER2014-3

Quality Assurance Samples for Chemistry Analytes

You can order Quality Assurance Samples to monitor your test procedures for your lab's own internal quality control needs. We can provide a large variety of analytes at different concentrations.

This program includes samples for:

- **Quality Control Standards Program** (formerly Blind Standards) – This program for verification of calibration accuracy ships samples three times a year. Each shipment contains samples with known true values and acceptable ranges for each analyte(s).
- **Survey Validated Samples** – You can purchase the samples individually (as material is available). These samples are useful for training new employees, instrument evaluation, method development and practicing tests that have been problematic in the past. Labs wishing to purchase Survey Validated Samples, may call (800) 462-5261 x46.

2014 Ship Schedule for Quality Control Standards	
Ship Date	Samples
March 18, 2014	QCS2014-1
June 24, 2014	QCS2014-2
November 11, 2014	QCS2014-3

See back cover for Potable and Non-Potable Water samples and analytes.

Samples and Analytes for Potable and Non-Potable Water

Samples and Analytes for Potable Water							
Samples	Analytes						
SDWA Cyanide	Total Cyanide						
SDWA Metals	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper
	Lead	Mercury	Nickel	Selenium	Sodium	Thallium	
SDWA Minerals	Nitrate as N	Nitrate + Nitrite as N	Fluoride	Sulfate			
SDWA Nitrite	Nitrite as N						

Samples and Analytes for Non- Potable Water						
Samples	Analytes					
BOD/CBOD/COD	Biological Oxygen Demand		CBOD	Chemical Oxygen Demand		
Chlorine	Total residual chlorine					
Cyanide	Total Cyanide					
Hardness	Hardness (EDTA)					
Metals A	Aluminum	Barium	Cadmium	Calcium	Chromium	Cobalt
	Copper	Hardness	Iron	Lead	Magnesium	Manganese
	Nickel	Potassium	Silver	Sodium	Zinc	
Metals B	Arsenic	Mercury	Selenium			
Metals C	Antimony	Beryllium	Molybdenum	Strontium	Thallium	Vanadium
Metals D	Bismuth	Lithium	Silicon	Titanium		
Metals E	Boron	Tin				
Minerals	Alkalinity CaCO ₃	Chloride	Conductivity	Fluoride	Sulfate	
Nitrite	Nitrite as N					
Nutrients A	Ammonia as N	Nitrate as N	Nitrate + Nitrite as N	ortho-Phosphate as P		
Nutrients B	Total Kjeldahl nitrogen (TKN)		Total phosphorus			
Oil and Grease	Oil and Grease (HEM)					
pH	pH					
Solids	Total Dissolved Solids [TDS]		Total Suspended Solids			



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