

**Date:** October 31, 2013

**To:** Alberta Health, Medical Officers of Health, Alberta Environment and Sustainable Resource Development, Alberta Agriculture Regulatory Services Branch, Environmental Public Health Officers, First Nations Inuit Health Branch, Canadian Forces Bases, Laboratory Directors and Managers

**From:** Environmental Microbiology, Provincial Laboratory for Public Health (ProvLab)

**Re:**

1. New Laboratory Information System (LIS)
2. New Requisition Form for the Microbiological Analysis of Water
3. Discontinued Provision of Pre-Printed Access Number Labels

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**PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE**

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**Key Messages:**

1. On December 1, 2013, ProvLab will transition operations to the Cerner Millennium Laboratory Information System (LIS).
  - Distribution of environmental reports will continue as per the existing report delivery system. There will not be any changes to the ER4 web portal reporting mechanism or delivery of faxed reports.
  - The **format** of the reports will look different, however the content of the information and the results will be maintained (examples of reports are attached for your review).
2. Early in 2014, a new requisition for the **Microbiological Analysis of Water** will be available to replace the current form. More details will be relayed at a later date for transitioning to the new requisition.
3. **Access Number labels** will no longer be provided by ProvLab **effective January 1, 2014**. Currently, ProvLab - Edmonton prints and distributes Access Number labels which are to be attached to the water requisition forms for sample submission. These labels will no longer be provided. Access numbers which are assigned to specific locations and sampling points need to be provided on the requisition form along with all other pertinent information.

**Inquiries and feedback may be directed to:**

- Dr. Norman Neumann, Program Leader, ProvLab at: 780-492-8502 or email: [Norman.neumann@albertahealthservices.ca](mailto:Norman.neumann@albertahealthservices.ca) or
- Edie Ashton, Manager, Environmental Microbiology, ProvLab at: 780-407-8563 or email: [Edie.ashton@albertahealthservices.ca](mailto:Edie.ashton@albertahealthservices.ca)

**This bulletin has been reviewed and approved by:**

Dr. Graham Tipples, Medical / Scientific Director, Provincial Laboratory for Public Health

## 8812345, Drinking Water Test

12345 Any Street

Any City, Town or Village AB  
T2N4W4  
(403)944-1215

### Calgary Environmental Public Health

10101 Southport Rd SW (403)555-5555  
Calgary AB T2W 3N2

Accession #: WC-13-7001025  
AESRD Approval #:  
EI/ProvLab Study #:

### Environmental Microbiology

Collected Date	2013-10-27	
Collected Time	14:00 MDT	
		Units
Total Coliforms by Enzyme Substrate *	<b>PRESENT</b> @*	per 100 mL
E coli by Enzyme Substrate	ABSENT	per 100 mL
Sample Details:		
Drinking Water Sample Category	Private	
Water Sample Source	Well	
Received Date and Time	2013-10-28 0900	
Analyzed Date	2013-10-28	
ID Number	R1234567	
Sample Collected By	Sample Guy	
Collected by Phone Number	(403)555-5555	
Sample Collection Site.	Kitchen Tap	

2013-10-27 14:00 MDT Total Coliforms by Enzyme Substrate:

\*Total Coliforms and E coli testing performed by Enzyme Substrate Method - Presence/Absence.

2013-10-27 14:00 MDT Total Coliforms by Enzyme Substrate:

\*If repeat samples are submitted, please check the box: "Resample due to previous coliform contamination" on the requisition form.

# Example Report for Drinking Water Analysis

LEGEND:	@=Abnormal	C=Critical	*=Footnotes	#=Corrected	L=Low	H=High
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Cc:

Results of this analysis relate only to this sample  
For further information contact the Environmental Public Health Agency

Chart Request ID: 24366532  
Print Date/Time: 2013-10-28 16:23

EXPEDITED CHART  
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**9654321, Any Hotel, Motel or Inn**

123 Any Street

Any City, Town or Village AB  
T2N4W4  
(403)555-5555

**Fort McMurray Environmental Public Health**

10217 Queen Street (780)555-5555  
Fort McMurray AB T9H 5S5

Accession #: WC-13-7001026  
AESRD Approval #:  
EI/ProvLab Study #:

**Environmental Microbiology**

Collected Date 2013-10-27  
Collected Time 14:00 MDT

Total.Coliforms by Enzyme Substrate. *	<b>PRESENT @</b>	Units
Pseudomonas aeruginosa	<b>ISOLATED @</b>	per 100 mL
HPC 48 Hrs at 35C	<b>250 H</b>	per 100 mL
Sample Details:		CFU/mL
Water Sample Category	Pool>30C	
Received Date and Time	2013-10-28 0900	
Analyzed Date	2013-10-28	
ID Number	R7654321	
Sample Collected By	Sample Guy	
Collected by Phone Number	780-555-5555	
Sample Collection Site	Hot Tub #1	

2013-10-27 14:00 MDT Total.Coliforms by Enzyme Substrate.:

\*Total Coliforms testing performed by Enzyme Substrate Method - Presence/Absence.

Pseudomonas aeruginosa testing performed by Membrane Filtration Method.

Heterotrophic Plate Count (HPC) performed by Spread Plate Method on Standard Plate Count Agar.

# Example Report for Pool Water Analysis

LEGEND:	@=Abnormal	C=Critical	*=Footnotes	#=Corrected	L=Low	H=High
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Cc:

**Results of this analysis relate only to this sample**  
**For further information contact the Environmental Public Health Agency**

Chart Request ID: 24366534  
Print Date/Time: 2013-10-28 16:23

**EXPEDITED CHART**  
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