



Special Pathogens Laboratory

The Legionella Experts - Pittsburgh, PA

Special Pathogens Laboratory

1401 Forbes Avenue
Pittsburgh, PA 15219

ATTN: **Janet Stout**
Telephone: (412) 281-5335
Fax: (412) 282-7445

Account:

Final Report

Date Collected:
1/25/2010

Date Received:
1/26/2010

Date Reported:
2/1/2010

Test Conducted: Environmental Culture Test-Legionella

Project Name: **Quarterly sampling**
Sample Taken From: **Cooling Tower**
Sample Type: Water
Sample ID Number: 10-A- 27804
Sample Comments: None

Test Results: **Positive**

Identification: **L. pneumophila, serogroup 1**
Concentration: **100 CFU/ml**

* CFU/ml (or 100 ml) = Colony Forming Units per milliliter (or 100 ml) of sample.

* Legionella culture limit of detection is approximately 10 CFU/ml. Potable water samples are filter concentrated, and the limit of detection is approximately 1 - 10 CFU/mL.

* Total colony forming units of Legionella per swab. Limits of detection are approximately 20 colony forming units per swab.

*Uninterpretable - Culture overgrown by other bacteria.

* Key to Abbreviations: CT- Cooling Tower; HWT - Hot Water Tank

* Method: SPL Modified ISO Standards 11731-1:1998 and 11731-2:2004

Janet E. Stout, Ph.D.
Microbiologist
Director, Special Pathogens Laboratory