



# 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