

FINAL REPORT

Albany Memorial Hospital

Engineering
 600 Northern Blvd
 Albany, NY 12204
 P: (518) 471-3015
 F: (518) 447-3587
ATTN: Larry Tilton

Account #: 2318
 SPL Project ID: 1802-00649
 Project Name: Water Samples Cu/Ag
 PO Number: 3226-4019
 Sampled By: Tom Poole/ J.W.
 Date Received: 02/28/2018
 Date Final: 03/08/2018

Summary

This summary is provided for your convenience. Complete report on the following pages.

Copper/Silver Analysis

Location	Result	Concentration
1. 5 South Hall Sink	Complete	Copper: 1.2 mg/L Silver: 0.14 mg/L
2. 5 North	Complete	Copper: 0.1 mg/L Silver: 0.04 mg/L
3. 4th Corridor South	Complete	Copper: 0.4 mg/L Silver: 0.08 mg/L
4. Rm 424	Complete	Copper: 2.3 mg/L Silver: 0.46 mg/L
5. CCD 438-02	Complete	Copper: 0.1 mg/L Silver: 0.11 mg/L
6. Rm 440-01	Complete	Copper: 0.7 mg/L Silver: 0.10 mg/L
7. 3 North Corridor Sink	Complete	Copper: 0.1 mg/L Silver: 0.06 mg/L
8. 3 Exam Rm 2	Complete	Copper: 0.2 mg/L Silver: 0.05 mg/L
9. 2nd Fl N Corridor Sink	Complete	Copper: 0.1 mg/L Silver: 0.05 mg/L
10. 2 South Family Rm	Complete	Copper: 0.2 mg/L Silver: 0.09 mg/L

Approved by: Brian Verdi



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

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Location:	1. 5 South Hall Sink	Date Collected:	02/27/2018
Sample ID:	1802-00649.001	Sample Type:	Water
		Time Collected:	8:17 am
Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	1.2 mg/L		
Silver:	0.14 mg/L		
Report Comments:	Copper and Silver Ions Above Target Range		

Location:	2. 5 North	Date Collected:	02/27/2018
Sample ID:	1802-00649.002	Sample Type:	Water
		Time Collected:	8:21 am
Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.04 mg/L		
Report Comments:	Copper Ions Below Target Range		

Location:	3. 4th Corridor South	Date Collected:	02/27/2018
Sample ID:	1802-00649.003	Sample Type:	Water
		Time Collected:	8:27 am
Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	0.4 mg/L		
Silver:	0.08 mg/L		

Location:	4. Rm 424	Date Collected:	02/27/2018
Sample ID:	1802-00649.004	Sample Type:	Water
		Time Collected:	8:32 am
Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	2.3 mg/L		
Silver:	0.46 mg/L		
Report Comments:	Copper and Silver Ions Above Target Range		

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Location:	5. CCD 438-02	Date Collected:	02/27/2018
Sample ID:	1802-00649.005	Sample Type:	Water
		Time Collected:	8:36 am

Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.11 mg/L		
Report Comments:	Copper Ions Below Target Range and Silver Ions Above Target Range		

Location:	6. Rm 440-01	Date Collected:	02/27/2018
Sample ID:	1802-00649.006	Sample Type:	Water
		Time Collected:	8:39 am

Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	0.7 mg/L		
Silver:	0.10 mg/L		
Report Comments:	Silver Ions Above Target Range		

Location:	7. 3 North Corridor Sink	Date Collected:	02/27/2018
Sample ID:	1802-00649.007	Sample Type:	Water
		Time Collected:	8:46 am

Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.06 mg/L		
Report Comments:	Copper Ions Below Target Range		

Location:	8. 3 Exam Rm 2	Date Collected:	02/27/2018
Sample ID:	1802-00649.008	Sample Type:	Water
		Time Collected:	8:51 am

Test Requested:	Copper/Silver Analysis	Status:	Complete 03/07/2018
Result:	Complete		
Copper:	0.2 mg/L		
Silver:	0.05 mg/L		

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Location: **9. 2nd Fl N Corridor Sink** Date Collected: 02/27/2018
Sample ID: 1802-00649.009 Sample Type: Water
Time Collected: 8:56 am

Test Requested: Copper/Silver Analysis Status: Complete 03/07/2018
Result: **Complete**
Copper: 0.1 mg/L
Silver: 0.05 mg/L
Report Comments: Copper Ions Below Target Range

Location: **10. 2 South Family Rm** Date Collected: 02/27/2018
Sample ID: 1802-00649.010 Sample Type: Water
Time Collected: 9:00 am

Test Requested: Copper/Silver Analysis Status: Complete 03/07/2018
Result: **Complete**
Copper: 0.2 mg/L
Silver: 0.09 mg/L
Report Comments: Silver Ions Above Target Range

Approved by: Brian Verdi



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Director, Special Pathogens Laboratory

NOTES

Copper/Silver Analysis

- EPA Method 200.8; Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry
- Suggested target ranges for ions: Copper 0.2-0.8 mg/L; Silver 0.01-0.08 mg/L.
- Testing performed by ALS Environmental, PA DEP Lab Code: 22-293, Address: 34 Dogwood Lane, Middletown, PA 17057 or ALS Environmental, MN 998501, 3352 128th Ave Holland, Michigan 49424. Subcontractors test report is available upon request.

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