

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: 1812-00016
 Project Name: Water Samples for Cu/Ag
 PO Number: 3226-4019
 Sampled By: J. Wisenburn
 Date Received: 12/01/2018
 Date Final: 12/17/2018

Summary

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

General Comments:

Water Samples for Copper/Silver

Copper/Silver Analysis

Location	Result	Concentration
1. 4N Shower	Complete	Copper: 0.9 mg/L Silver: 0.18 mg/L
2. 4S Sink	Complete	Copper: 0.1 mg/L Silver: 0.07 mg/L
3. 5S Sink	Complete	Copper: 0.2 mg/L Silver: 0.08 mg/L
4. 5N Shower	Complete	Copper: 0.5 mg/L Silver: 0.11 mg/L
5. CCD 440-01	Complete	Copper: 0.1 mg/L Silver: 0.07 mg/L
6. CCD 438-01	Complete	Copper: 0.1 mg/L Silver: 0.07 mg/L
7. 3S Ex Rm 7	Complete	Copper: 0.1 mg/L Silver: 0.07 mg/L
8. 3N Sink	Complete	Copper: 0.1 mg/L Silver: 0.07 mg/L
9. EDXE 7	Complete	Copper: 0.1 mg/L Silver: 0.07 mg/L
10. 2N Sink	Complete	Copper: 0.1 mg/L Silver: 0.06 mg/L

Approved by: Marisa Hirsh



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

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Location:	1. 4N Shower	Date Collected:	11/27/2018
Sample ID:	1812-00016.001	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.9 mg/L		
Silver:	0.18 mg/L		
Report Comments:	Copper and Silver Ions Above Target Range		

Location:	2. 4S Sink	Date Collected:	11/27/2018
Sample ID:	1812-00016.002	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.07 mg/L		
Report Comments:	Copper Ions Below Target Range		

Location:	3. 5S Sink	Date Collected:	11/27/2018
Sample ID:	1812-00016.003	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.2 mg/L		
Silver:	0.08 mg/L		

Location:	4. 5N Shower	Date Collected:	11/27/2018
Sample ID:	1812-00016.004	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.5 mg/L		
Silver:	0.11 mg/L		
Report Comments:	Silver Ions Above Target Range		

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Location:	5. CCD 440-01	Date Collected:	11/27/2018
Sample ID:	1812-00016.005	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.07 mg/L		
Report Comments:	Copper Ions Below Target Range		

Location:	6. CCD 438-01	Date Collected:	11/27/2018
Sample ID:	1812-00016.006	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.07 mg/L		
Report Comments:	Copper Ions Below Target Range		

Location:	7. 3S Ex Rm 7	Date Collected:	11/27/2018
Sample ID:	1812-00016.007	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.07 mg/L		
Report Comments:	Copper Ions Below Target Range		

Location:	8. 3N Sink	Date Collected:	11/27/2018
Sample ID:	1812-00016.008	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.07 mg/L		
Report Comments:	Copper Ions Below Target Range		

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Location:	9. EDXE 7	Date Collected:	11/27/2018
Sample ID:	1812-00016.009	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.07 mg/L		
Report Comments:	Copper Ions Below Target Range		

Location:	10. 2N Sink	Date Collected:	11/27/2018
Sample ID:	1812-00016.010	Sample Type:	Water
Test Requested:	Copper/Silver Analysis	Status:	Complete 12/17/2018
Result:	Complete		
Copper:	0.1 mg/L		
Silver:	0.06 mg/L		
Report Comments:	Copper Ions Below Target Range		

Approved by: Marisa Hirsh



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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 GROUP USA. ALS Environmental PA DEP Lab Code: 22-00293, Address: 34 Dogwood Lane, Middletown, PA 17057, or ALS Environmental MI 68-03827 3352 128th Ave Holland, Michigan 49424.

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