

FINAL REPORT

AGX, Inc.

207 Pine Creek Road
Wexford, PA 15090

Account #: 5593
SPL Project ID: 2010-00224
Project Name: Springdale Jr./Sr. HS
Sampled By: Amber Brancolini
Date Received: 10/07/2020
Date Final: 10/14/2020

Summary

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

Environmental Culture Test-Legionella

Location	Result	Concentration	Species
SD-01. Men's Locker Room Sink	Not Detected		
SD-02. Women's Locker Room Sink	Not Detected		
SD-03. Concessions Sink	Positive	5.5 CFU/mL	L. pneumophila, serogroup 6
SD-04. Trainers Room Sink	Not Detected		
SD-05. Men's Restroom Sink	Positive	50.0 CFU/mL	L. pneumophila, serogroup 6
SD-06. Instructional Planning Center Sink	Positive	20.5 CFU/mL	L. pneumophila, serogroup 5 L. pneumophila, serogroup 6
SD-07. Women's Restroom Sink	Positive	10.0 CFU/mL	L. pneumophila, serogroup 6
SD-08. Women's Restroom Sink (D113)	Positive	2.5 CFU/mL	L. pneumophila, serogroup 6
SD-09. Men's Restroom Sink (D114)	Positive	1.5 CFU/mL	L. pneumophila, serogroup 6
SD-10. Men's Restroom Sink (D214)	Positive	0.5 CFU/mL	L. pneumophila, serogroup 6
SD-11. Women's Restroom Sink (D213)	Positive	10.0 CFU/mL	L. pneumophila, serogroup 6
SD-12. Kitchen Sink (1st Faucet)	Positive	30.0 CFU/mL	L. pneumophila, serogroup 1 L. pneumophila, serogroup 5
SD-13. Hot Water Tank (Door 13)	Not Detected		
SD-14. Women's Restroom Sink (A-Wing)	Positive	10.0 CFU/mL	L. pneumophila, serogroup 1
SD-15. Men's Restroom Sink (A-Wing)	Positive	0.5 CFU/mL	L. pneumophila, serogroup 1
SD-16. Women's Faculty (A-Wing)	Positive	2.5 CFU/mL	L. pneumophila, serogroup 1



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Location	Result	Concentration	Species
SD-17. Men's Restroom Sink (C-Wing)	Not Detected		
SD-18. Hot Water Tank (Maintenance Area C)	Not Detected		
SD-19. Main Office Kitchenette Sink	Not Detected		
SD-20. Nurse's Office Sink	Not Detected		

Approved by: Brian Verdi

A handwritten signature in blue ink, appearing to read "Janet Stout".

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

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Location:	SD-01. Men's Locker Room Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.001	Sample Type:	Water
Receipt Temp:		Time Collected:	7:13 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

Location:	SD-02. Women's Locker Room Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.002	Sample Type:	Water
Receipt Temp:		Time Collected:	7:15 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

Location:	SD-03. Concessions Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.003	Sample Type:	Water
Receipt Temp:		Time Collected:	7:18 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	5.5 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	SD-04. Trainers Room Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.004	Sample Type:	Water
Receipt Temp:		Time Collected:	7:21 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

Location:	SD-05. Men's Restroom Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.005	Sample Type:	Water
Receipt Temp:		Time Collected:	7:24 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	50.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

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Location:	SD-06. Instructional Planning Center Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.006	Sample Type:	Water
Receipt Temp:		Time Collected:	7:27 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	20.5 CFU/mL		
Species:	L. pneumophila, serogroup 5 L. pneumophila, serogroup 6		

Location:	SD-07. Women's Restroom Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.007	Sample Type:	Water
Receipt Temp:		Time Collected:	7:29 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	10.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	SD-08. Women's Restroom Sink (D113)	Date Collected:	10/07/2020
Sample ID:	2010-00224.008	Sample Type:	Water
Receipt Temp:		Time Collected:	7:32 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	2.5 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	SD-09. Men's Restroom Sink (D114)	Date Collected:	10/07/2020
Sample ID:	2010-00224.009	Sample Type:	Water
Receipt Temp:		Time Collected:	7:33 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	1.5 CFU/mL		
Species:	L. pneumophila, serogroup 6		

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Location:	SD-10. Men's Restroom Sink (D214)	Date Collected:	10/07/2020
Sample ID:	2010-00224.010	Sample Type:	Water
Receipt Temp:		Time Collected:	7:35 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	0.5 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	SD-11. Women's Restroom Sink (D213)	Date Collected:	10/07/2020
Sample ID:	2010-00224.011	Sample Type:	Water
Receipt Temp:		Time Collected:	7:37 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	10.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	SD-12. Kitchen Sink (1st Faucet)	Date Collected:	10/07/2020
Sample ID:	2010-00224.012	Sample Type:	Water
Receipt Temp:		Time Collected:	7:40 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	30.0 CFU/mL		
Species:	L. pneumophila, serogroup 1 L. pneumophila, serogroup 5		

Location:	SD-13. Hot Water Tank (Door 13)	Date Collected:	10/07/2020
Sample ID:	2010-00224.013	Sample Type:	Water
Receipt Temp:		Time Collected:	7:46 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

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Location:	SD-14. Women's Restroom Sink (A-Wing)	Date Collected:	10/07/2020
Sample ID:	2010-00224.014	Sample Type:	Water
Receipt Temp:		Time Collected:	7:50 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	10.0 CFU/mL		
Species:	L. pneumophila, serogroup 1		

Location:	SD-15. Men's Restroom Sink (A-Wing)	Date Collected:	10/07/2020
Sample ID:	2010-00224.015	Sample Type:	Water
Receipt Temp:		Time Collected:	7:51 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	0.5 CFU/mL		
Species:	L. pneumophila, serogroup 1		

Location:	SD-16. Women's Faculty (A-Wing)	Date Collected:	10/07/2020
Sample ID:	2010-00224.016	Sample Type:	Water
Receipt Temp:		Time Collected:	7:54 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Positive		
Concentration:	2.5 CFU/mL		
Species:	L. pneumophila, serogroup 1		

Location:	SD-17. Men's Restroom Sink (C-Wing)	Date Collected:	10/07/2020
Sample ID:	2010-00224.017	Sample Type:	Water
Receipt Temp:		Time Collected:	7:56 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

Location:	SD-18. Hot Water Tank (Maintenance Area C)	Date Collected:	10/07/2020
Sample ID:	2010-00224.018	Sample Type:	Water
Receipt Temp:		Time Collected:	7:58 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

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Location:	SD-19. Main Office Kitchenette Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.019	Sample Type:	Water
Receipt Temp:		Time Collected:	8:03 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

Location:	SD-20. Nurse's Office Sink	Date Collected:	10/07/2020
Sample ID:	2010-00224.020	Sample Type:	Water
Receipt Temp:		Time Collected:	8:04 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/14/2020
Result:	Not Detected		

Approved by: Brian Verdi



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

NOTES

Environmental Culture Test-Legionella

- CFU/mL (or swab)=Colony Forming Units per milliliter or swab.
- The limit of detection (LOD)* is approximately - 0.5 -10 CFU/mL for Potable Water; 10 CFU/mL for Non-Potable Water (Cooling Towers); 1-10 CFU/mL for Hot Water Tanks; 20 CFU/swab for Swabs.
- * Sensitivity (LOD) may be affected if less than recommended sample volume is submitted for testing and if high concentration of non-Legionella bacteria are present in the sample. LOD values are mathematically derived according to the sample type, volume, and process.
- Results are reported as Not Detected, Positive, or Uninterpretable.
- Uninterpretable result is due to culture overgrowth by non-Legionella bacteria.
- Probable identification. Contact laboratory if further identification by 16S sequencing required.
- Method: ISO 11731:2017 (E). QA/QC performed on the date processed. Turnaround time is 7-10 days
- Samples should be analyzed within 2 days of collection.
- Accredited by the American Association for Laboratory Accreditation (Cert. No. 2847.01) and ELITE certified.
- Isolates saved upon request. Request must be received 1 week from receipt of report. Extra charges may apply.



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