

FINAL REPORT

AGX, Inc.

207 Pine Creek Road
 Wexford, PA 15090

Account #: 5593

SPL Project ID: 2010-00220

Project Name: Acmetonia Elem. School

Sampled By: Amber Brancolini

Date Received: 10/07/2020

Date Final: 10/15/2020

Summary

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

General Comments:

Acmetonia Elementary School

Environmental Culture Test-Legionella

Location	Result	Concentration	Species
AE-01. Kitchenette Sink-A05 Work/Mail Room	Not Detected		
AE-02. Restroom Sink-A13 Rest	Not Detected		
AE-03. Boy's Restroom-2nd Grade	Positive	1.5 CFU/mL	L. pneumophila, serogroup 6
AE-04. Office Sink-Room A33	Not Detected		
AE-05. Classroom Sink-Room B33	Not Detected		
AE-06. Kitchenette Sink-Business Office	Positive	20.0 CFU/mL	L. pneumophila, serogroup 6
AE-07. Restroom Sink-By Stairs A	Positive	10.0 CFU/mL	L. pneumophila, serogroup 6
AE-08. Classroom Sink-Room B40	Not Detected		
AE-09. Classroom Sink-Room C48	Not Detected		
AE-10. Girl's Restroom-3rd Grade	Positive	2.0 CFU/mL	L. pneumophila, serogroup 6
AE-11. Boy's Restroom-3rd Grade	Not Detected		
AE-12. Girl's Restroom-E-Wing	Positive	7.0 CFU/mL	L. anisa (Blue-white Legionella sp.)
AE-13. Boy's Restroom-E-Wing	Positive	40.0 CFU/mL	L. pneumophila, serogroup 6
AE-14. Classroom Restroom Sink-Room E115	Not Detected		

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Location	Result	Concentration	Species
AE-15. Classroom Sink-Room E110	Not Detected		
AE-16. Kitchenette Sink-Faculty Room C54	Not Detected		
AE-17. Kitchen Sink-Kitchen C57	Not Detected		
AE-18. Hot Water Heater-Mechanical Room D61	Not Detected		
AE-19. Classroom Sink-Room D75	Positive	90.0 CFU/mL	L. pneumophila, serogroup 6
AE-20. Classroom Restroom Sink-Room A19	Positive	160.0 CFU/mL	L. pneumophila, serogroup 6

Approved by: Marisa Hirsh



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

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Location:	AE-01. Kitchenette Sink-A05 Work/Mail Room	Date Collected:	10/07/2020
Sample ID:	2010-00220.001	Sample Type:	Water
Receipt Temp:		Time Collected:	8:28 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-02. Restroom Sink-A13 Rest	Date Collected:	10/07/2020
Sample ID:	2010-00220.002	Sample Type:	Water
Receipt Temp:		Time Collected:	8:30 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-03. Boy's Restroom-2nd Grade	Date Collected:	10/07/2020
Sample ID:	2010-00220.003	Sample Type:	Water
Receipt Temp:		Time Collected:	8:32 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	1.5 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	AE-04. Office Sink-Room A33	Date Collected:	10/07/2020
Sample ID:	2010-00220.004	Sample Type:	Water
Receipt Temp:		Time Collected:	8:34 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-05. Classroom Sink-Room B33	Date Collected:	10/07/2020
Sample ID:	2010-00220.005	Sample Type:	Water
Receipt Temp:		Time Collected:	8:37 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

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Location:	AE-06. Kitchenette Sink-Business Office	Date Collected:	10/07/2020
Sample ID:	2010-00220.006	Sample Type:	Water
Receipt Temp:		Time Collected:	8:40 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	20.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	AE-07. Restroom Sink-By Stairs A	Date Collected:	10/07/2020
Sample ID:	2010-00220.007	Sample Type:	Water
Receipt Temp:		Time Collected:	8:42 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	10.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	AE-08. Classroom Sink-Room B40	Date Collected:	10/07/2020
Sample ID:	2010-00220.008	Sample Type:	Water
Receipt Temp:		Time Collected:	8:44 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-09. Classroom Sink-Room C48	Date Collected:	10/07/2020
Sample ID:	2010-00220.009	Sample Type:	Water
Receipt Temp:		Time Collected:	8:45 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-10. Girl's Restroom-3rd Grade	Date Collected:	10/07/2020
Sample ID:	2010-00220.010	Sample Type:	Water
Receipt Temp:		Time Collected:	8:46 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	2.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

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Location:	AE-11. Boy's Restroom-3rd Grade	Date Collected:	10/07/2020
Sample ID:	2010-00220.011	Sample Type:	Water
Receipt Temp:		Time Collected:	8:48 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-12. Girl's Restroom-E-Wing	Date Collected:	10/07/2020
Sample ID:	2010-00220.012	Sample Type:	Water
Receipt Temp:		Time Collected:	8:50 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	7.0 CFU/mL		
Species:	L. anisa (Blue-white Legionella sp.)		

Location:	AE-13. Boy's Restroom-E-Wing	Date Collected:	10/07/2020
Sample ID:	2010-00220.013	Sample Type:	Water
Receipt Temp:		Time Collected:	8:51 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	40.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	AE-14. Classroom Restroom Sink-Room E115	Date Collected:	10/07/2020
Sample ID:	2010-00220.014	Sample Type:	Water
Receipt Temp:		Time Collected:	8:52 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-15. Classroom Sink-Room E110	Date Collected:	10/07/2020
Sample ID:	2010-00220.015	Sample Type:	Water
Receipt Temp:		Time Collected:	8:55 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

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Location:	AE-16. Kitchenette Sink-Faculty Room C54	Date Collected:	10/07/2020
Sample ID:	2010-00220.016	Sample Type:	Water
Receipt Temp:		Time Collected:	8:57 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-17. Kitchen Sink-Kitchen C57	Date Collected:	10/07/2020
Sample ID:	2010-00220.017	Sample Type:	Water
Receipt Temp:		Time Collected:	8:59 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-18. Hot Water Heater-Mechanical Room D61	Date Collected:	10/07/2020
Sample ID:	2010-00220.018	Sample Type:	Water
Receipt Temp:		Time Collected:	9:01 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Not Detected		

Location:	AE-19. Classroom Sink-Room D75	Date Collected:	10/07/2020
Sample ID:	2010-00220.019	Sample Type:	Water
Receipt Temp:		Time Collected:	9:04 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	90.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

Location:	AE-20. Classroom Restroom Sink-Room A19	Date Collected:	10/07/2020
Sample ID:	2010-00220.020	Sample Type:	Water
Receipt Temp:		Time Collected:	9:05 am
Test Requested:	Environmental Culture Test-Legionella	Status:	Complete 10/15/2020
Result:	Positive		
Concentration:	160.0 CFU/mL		
Species:	L. pneumophila, serogroup 6		

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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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