

1809013 (swabs)

Project Name: Braunville SD - Elem Date: 8-31-18

Project Location: _____ Project Number: 08163564

[illegible]



DATE _____

Sampled: 8/31/18

Analyst: JM

TEST METHOD: PSI-WI-621-816

[illegible]

See final page for general and specific comments

DIRECT MICROSCOPIC EXAMINATION REPORT

PSI, Inc.
850 Poplar Street
Pittsburgh, PA 15220

DATE

Reported: 9/5/18
Analyzed: 9/5/18
Received: 9/4/18
Sampled: 8/31/18

Work Order: 1809013

Project Number: 08163564

Project Name: Brownsville SD- Elementary

Attn: Will Nicastro

Analyst: JM

Specific Sample Comments:

General Report Comments:

* Unknown/brown are spores without a distinctive morphology on spore traps and non-viable surface samples.

Quantification of fungal spores are graded 1+ through 4+ with:

- 1+ = Occasional spores seen
- 2+ = Few spores seen
- 3+ = Moderate spores seen
- 4+ = Numerous spores seen

All samples were analyzed at 400x or 600x magnification unless noted.

Results relate only to items tested.

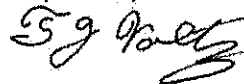
This report may not be reproduced except in full, without written approval of PSI, Inc.

Samples will be disposed of within thirty (30) days unless notified in writing by the client.

Disclaimer: The laboratory is not responsible for interpretation of test results or for methods used during sampling.

All samples were in acceptable condition unless noted.

Respectfully submitted, PSI, Inc.



Tim Voltz, Approved Signatory



DATE _____

Reported: 9/5/18
Analyzed: 9/5/18
Received: 9/4/18
Sampled: 8/31/18

Work Order: 1809012
Project Number: 08163564
Project Name: Brownsville SD- Elementary
Analyst: JM

TX License: LAB0145

TEST METHOD: PSI-WI-621-816

[illegible]

See final page for general and specific comments

DIRECT MICROSCOPIC EXAMINATION REPORT

PSI, Inc.
850 Poplar Street
Pittsburgh, PA 15220

Attn: Will Nicastro

DATE

Reported: 9/5/18
Analyzed: 9/5/18
Received: 9/4/18
Sampled: 8/31/18

Work Order: 1809012
Project Number: 08163564
Project Name: Brownsville SD- Elementary

Analyst: JM

Specific Sample Comments:

General Report Comments:

* Unknown/brown are spores without a distinctive morphology on spore traps and non-viable surface samples.

Quantification of fungal spores are graded 1+ through 4+ with:

1+ = Occasional spores seen
2+ = Few spores seen
3+ = Moderate spores seen
4+ = Numerous spores seen

All samples were analyzed at 400x or 600x magnification unless noted.

Results relate only to items tested.

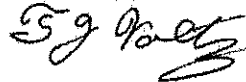
This report may not be reproduced except in full, without written approval of PSI, Inc.

Samples will be disposed of within thirty (30) days unless notified in writing by the client.

Disclaimer: The laboratory is not responsible for interpretation of test results or for methods used during sampling.

All samples were in acceptable condition unless noted.

Respectfully submitted, PSI, Inc.



Tim Voltz, Approved Signatory

SPORE TRAP REPORT

PSI, Inc.
850 Poplar Street
Pittsburgh, PA 15220

Attn: Will Nicastro

DATE
Reported: 9/5/18
Analyzed: 9/5/18
Received: 9/4/18
Sampled: 8/31/18

Work Order: 1809010
Project Number: 08163564
Project Name: Brownsville SD- Elementary
Analyst: JM

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	001A			002A			003A		
Client ID:	A-01			A-02			A-03		
Location:	Kitchen			Exterior - outside of Door #3			Exterior - outside of Door #1		
Comments:									
Detection Limit(spores/m ³):	7			7			13		
Hyphal Fragments	3	20		37	250		22	290	
Pollen	1	7		16	110		9	120	
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%
Cladosporium sp.	4	27	2.23	548	3700	37.98	386	5100	39.59
Ascospores	1	7	0.56	296	2000	20.51	182	2400	18.67
Basidiospores	3	20	1.68	135	900	9.36	94	1300	9.64
Smuts/Myxomycetes				162	1100	11.23	52	690	5.33
Peronospora/Oidium sp.									
Pen./Asp. Group	164	1100	91.62	8	53	0.55	5	67	0.51
Alternaria sp.				2	13	0.14	3	40	0.31
Drechslera/Bipolaris				33	220	2.29	10	130	1.03
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.				18	120	1.25	4	53	0.41
Stachybotrys sp.									
Unknown/Brown*	2	13	1.12	3	20	0.21	2	27	0.21
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Plithomyces sp.	5	33	2.79	166	1100	11.50	208	2800	21.33
Epicoccum sp.				27	180	1.87	15	200	1.54
Polythrincium sp.									
Pestalotia sp.				1	7	0.07			
Cercospora sp.				2	13	0.14			
Rusts				3	20	0.21	1	13	0.10
Nigrospora sp.				2	13	0.14	1	13	0.10
Ganoderma sp.				37	250	2.56	12	160	1.23
Background debris (1-5)**	4			4			4		
Sample Volume (liters)	150			150			75		
TOTAL ‡	179	1,200	100	1443	9,700	100	975	13,000	100

Total % may not equal 100 due to rounding.

SPORE TRAP REPORT

PSI, Inc.
850 Poplar Street
Pittsburgh, PA 15220

Attn: Will Nicastro

DATE
Reported: 9/5/18
Analyzed: 9/5/18
Received: 9/4/18
Sampled: 8/31/18

Work Order: 1809010
Project Number: 08163564
Project Name: Brownsville SD- Elementary
Analyst: JM

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	004A			005A			006A		
Client ID:	A-04			A-05			A-06		
Location:	Admin Hallway - OS room #107			Classroom # 301			Classroom #117		
Comments:									
Detection Limit(spores/m ³):	13			13			7		
Hyphal Fragments	7	93		3	40		3	20	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%
Cladosporium sp.				2	27	6.25	4	27	5.19
Ascospores	4	53	8.70	1	13	3.13			
Basidiospores	3	40	6.52	1	13	3.13			
Smuts/Myxomycetes	17	230	36.96	9	120	28.13	9	60	11.69
Peronospora/Oidium sp.									
Pen./Asp. Group							46	310	59.74
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.	7	93	15.22				5	33	6.49
Stachybotrys sp.									
Unknown/Brown*	2	27	4.35	2	27	6.25	2	13	2.60
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.	13	170	28.26	16	210	50.00	11	73	14.29
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.				1	13	3.13			
Background debris (1-5)**	4			4			4		
Sample Volume (liters)	75			75			150		
TOTAL ‡	46	610	100	32	420	100	77	520	100

Total % may not equal 100 due to rounding.

SPORE TRAP REPORT

PSI, Inc.
850 Poplar Street
Pittsburgh, PA 15220

Attn: Will Nicastro

DATE
Reported: 9/5/18
Analyzed: 9/5/18
Received: 9/4/18
Sampled: 8/31/18

Work Order: 1809010
Project Number: 08163564
Project Name: Brownsville SD- Elementary
Analyst: JM

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	007A			008A		
Client ID:	A-07			A-08		
Location:	Classroom #119			Classroom #202 - Computer lab		
Comments:						
Detection Limit(spores/m ³):	7			7		
Hyphal Fragments	6	40		2	13	
Pollen						
Sample Description:	Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%
Cladosporium sp.	2	13	9.09	3	20	6.52
Ascospores	3	20	13.64	2	13	4.35
Basidiospores	1	7	4.55			
Smuts/Myxomycetes	7	47	31.82	5	33	10.87
Peronospora/Oidium sp.						
Pen./Asp. Group				28	190	60.87
Alternaria sp.						
Drechslera/Bipolaris				1	7	2.17
Spegazzinia sp.						
Tetraploa sp.						
Curvularia sp.	2	13	9.09	1	7	2.17
Stachybotrys sp.						
Unknown/Brown*	2	13	9.09			
Torula sp.						
Ulocladium sp.						
Chaetomium sp.						
Pithomyces sp.	5	33	22.73	6	40	13.04
Epicoccum sp.						
Polythrincium sp.						
Pestalotia sp.						
Cercospora sp.						
Rusts						
Nigrospora sp.						
Ganoderma sp.						
Background debris (1-5)**	4			4		
Sample Volume (liters)	150			150		
TOTAL ‡	22	150	100	46	310	100

Total % may not equal 100 due to rounding.

SPORE TRAP REPORT

PSI, Inc. 850 Poplar Street Pittsburgh, PA 15220	Attn: Will Nicastro
Reported: 9/5/18	Sampled: 8/31/18
Analyzed: 9/5/18	Received: 9/4/18
Project Number: 08163564	Analyst: JM
Work Order: 1809010	Project Name: Brownsville SD- Elementary

Specific Sample Comments:

General Report Comments:

* Unknown/brown are spores without a distinctive morphology on spore traps and non-viable surface samples.

** Background debris is the amount of particulate matter present on the slide and is graded from

1-5 with 1 being very little, while a debris rating of 5 is unreadable.

The higher the rating the more likelihood spores may be underestimated.

A rating of 4 should be interpreted as minimal counts and may actually be higher than reported.

‡ Total spores/m³ has been rounded to two significant figures to reflect analytical precision.

All samples were analyzed at 400x or 600x magnification unless noted.

The reporting limit is one spore/item adjusted for volume. Entire trace was analyzed unless noted.

Results relate only to items tested. Results are not corrected for blank data.

This report may not be reproduced except in full, without written approval of PSI, Inc.

Samples will be disposed of within thirty (30) days unless notified in writing by the client.

Results based on volume measurement provided by the client.

Disclaimer: The laboratory is not responsible for interpretation of test results or for methods used during sampling.

All samples were in acceptable condition unless noted.

Respectfully submitted, PSI, Inc.

59 9/5/18

Tim Voltz, Approved Signatory