



## SPORE TRAP REPORT

PSI, Inc.  
850 Poplar Street  
Pittsburgh, PA 15220

Attn: Mike Kopar

DATE  
Reported: 8/25/18  
Analyzed: 8/25/18  
Received: 8/25/18  
Sampled: 8/25/18

Work Order: 1808698  
Project Number: 08161784-14  
Project Name: Pine-Richland - Hance

Analyst: JM

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	001A			002A			003A		
Client ID:	2660 9233			2660 8155			2660 8167		
Location:	Room 126			Room 119			Room 120		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	1	13		2	27		1	13	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.				2	27	2.38			
Ascospores	5	67	17.24	39	520	46.43	5	67	38.46
Basidiospores	13	170	44.83	34	450	40.48	7	93	53.85
Smuts/Myxomycetes				2	27	2.38	1	13	7.69
Peronospora/Oidium sp.									
Pen./Asp. Group	4	53	13.79						
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*				2	27	2.38			
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.	1	13	3.45						
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts	2	27	6.90						
Nigrospora sp.									
Ganoderma sp.	4	53	13.79	5	67	5.95			
Background debris (1-5)**	3			3			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>29</b>	<b>380</b>	<b>100</b>	<b>84</b>	<b>1,100</b>	<b>100</b>	<b>13</b>	<b>170</b>	<b>100</b>

Total % may not equal 100 due to rounding.



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LAB NUMBER:	004A			005A			006A		
Client ID:	2660 8186			2660 9493			2660 8144		
Location:	Room 121			Room 122			Room 123		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments				1	13		2	27	
Pollen							1	13	
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	16	210	61.54	2	27	22.22	6	80	9.23
Ascospores	9	120	34.62	4	53	44.44	5	67	7.69
Basidiospores				3	40	33.33	3	40	4.62
Smuts/Myxomycetes							1	13	1.54
Peronospora/Oidium sp.									
Pen./Asp. Group							46	610	70.77
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*	1	13	3.85				1	13	1.54
Torula sp.							2	27	3.08
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.									
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.							1	13	1.54
Background debris (1-5)**	2			2			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>26</b>	<b>340</b>	<b>100</b>	<b>9</b>	<b>120</b>	<b>100</b>	<b>65</b>	<b>860</b>	<b>100</b>

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TEST METHOD: PSI-WI-620-816

LAB NUMBER:	007A			008A			009A		
Client ID:	2660 9494			2660 9239			2660 8202		
Location:	Room 124			Room 142			Room 143		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	1	13		1	13		2	27	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	1	13	3.57						
Ascospores	10	130	35.71				5	67	71.43
Basidiospores	9	120	32.14	4	53	9.52	1	13	14.29
Smuts/Myxomycetes	2	27	7.14						
Peronospora/Oidium sp.									
Pen./Asp. Group	6	80	21.43	37	490	88.10			
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*							1	13	14.29
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.									
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts				1	13	2.38			
Nigrospora sp.									
Ganoderma sp.									
Background debris (1-5)**	3			3			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>28</b>	<b>370</b>	<b>100</b>	<b>42</b>	<b>560</b>	<b>100</b>	<b>7</b>	<b>93</b>	<b>100</b>

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TEST METHOD: PSI-WI-620-816

LAB NUMBER:	010A			011A		
Client ID:	2660 8160			2660 8108		
Location:	Room 144			Room 145		
Comments:						
Detection Limit(spores/m <sup>3</sup> ):	13			13		
Hyphal Fragments	1	13		2	27	
Pollen						
Sample Description:	Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	1	13	7.14	1	13	4.76
Ascospores	9	120	64.29			
Basidiospores	3	40	21.43	8	110	38.10
Smuts/Myxomycetes	1	13	7.14	1	13	4.76
Peronospora/Oidium sp.						
Pen./Asp. Group				7	93	33.33
Alternaria sp.						
Drechslera/Bipolaris						
Spegazzinia sp.						
Tetraploa sp.						
Curvularia sp.						
Stachybotrys sp.						
Unknown/Brown*				2	27	9.52
Torula sp.						
Ulocladium sp.						
Chaetomium sp.						
Pithomyces sp.						
Epicoccum sp.						
Polythrincium sp.						
Pestalotia sp.						
Cercospora sp.						
Rusts						
Nigrospora sp.						
Ganoderma sp.				2	27	9.52
Background debris (1-5)**	3			3		
Sample Volume (liters)	75			75		
<b>TOTAL †</b>	<b>14</b>	<b>190</b>	<b>100</b>	<b>21</b>	<b>280</b>	<b>100</b>

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**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/m<sup>3</sup> 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.

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

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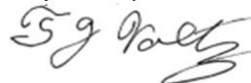
Samples will be disposed of within thirty (30) days unless notified in writing by the client.

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.



Tim Voltz, Approved Signatory