

APPENDICES

Appendix A **EMLab Laboratory Reports**

Appendix B **EAS Laboratory Reports**

Appendix A
EMLab Laboratory Reports



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Floor 21 Sampling Ports
EML ID: 849418

Approved by:



Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 10-31-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 10-29-2011
 Date of Receipt: 10-29-2011
 Date of Report: 10-29-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1029-F21A11: Floor 21 Ambient N Hall	2372-1029-F21A12: Floor 21 Mens - Ports	2372-1029-F21A13: Floor 21 N Hall at Aux	2372-1029-F21A14: Floor 21N Hall at Return				
Comments (see below)	None	None	None	None				
Lab ID-Version‡:	3767951-2	3767952-2	3767953-2	3767954-2				
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Ascospores*								
Aureobasidium								
Basidiospores*								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium					1	53		
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora	1	13						
Other colorless								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		1+		1+		1+	
Hyphal fragments/m3	< 13		13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		3+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		13		< 13		53		< 13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 10-29-2011
 Date of Receipt: 10-29-2011
 Date of Report: 10-29-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1029-F21A15: Floor 21 Womens		2372-1029-F21A16: Floor 21Room 21 B		2372-1029-F21A17: Floor 21SW Supply		2372-1029-F21A18: Exterior NE	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3767955-2		3767956-2		3767957-2		3767958-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria							30	400
Ascospores*							6	320
Aureobasidium								
Basidiospores*							32	1,700
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53					149	7,900
Curvularia								
Epicoccum							15	200
Myrothecium								
Nigrospora							27	360
Other colorless								
Penicillium/Aspergillus types†							15	800
Pithomyces							1	13
Rusts*							23	310
Smuts*, Periconia, Myxomycetes*	1	13			1	13	22	290
Stachybotrys							1	13
Stemphylium								
Torula								
Ulocladium							2	27
Zygomycetes								
Background debris (1-4+)††	2+		1+		1+		2+	
Hyphal fragments/m3	< 13		13		< 13		760	
Pollen/m3	13		< 13		13		27	
Skin cells (1-4+)	1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		67		< 13		13		12,000

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 10-29-2011
 Date of Receipt: 10-29-2011
 Date of Report: 10-29-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1029-F21A18, Exterior NE**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		October in California (n‡=13248)						The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	400	13	13	27	73	120	61	13	13	27	67	100	56
Bipolaris/Drechslera group	-	7	13	13	27	53	18	7	13	13	27	40	13
Chaetomium	-	8	13	13	33	53	24	8	13	13	27	44	19
Cladosporium	7,900	160	360	1,100	3,100	5,500	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	40	76	14	7	13	13	27	53	6
Epicoccum	200	7	13	13	38	53	20	8	13	13	27	53	19
Nigrospora	360	10	13	13	40	80	20	7	13	13	27	53	8
Penicillium/Aspergillus types	800	53	110	320	910	1,600	91	53	110	210	600	1,000	86
Pithomyces	13	7	13	13	27	40	6	7	13	13	27	40	4
Stachybotrys	13	7	13	13	38	67	5	7	13	13	33	67	5
Torula	-	8	13	13	40	67	12	8	13	13	40	67	12
Ulocladium	27	11	13	13	40	53	14	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	320	20	44	110	320	650	71	22	53	110	330	670	72
Basidiospores	1,700	53	100	270	1,000	2,500	94	53	80	270	1,000	2,400	94
Rusts	310	11	13	13	40	80	26	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	290	13	13	53	130	230	76	13	13	40	110	190	69
§ TOTAL SPORES/m3	12,000												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.



CHAIN OF CUSTODY

www.EMLabPK.com

Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 • (856) 871-1984
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 • (800) 651-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (856) 888-6653

REQUESTED SERVICES

Non-Culturable

Culturable

Spore Trap	Spore Trap Analysis - Other particles	
Spore Swab	Direct Microscopic Exam (Qualitative)	
Bulk	Quantitative Spore Count Direct Exam	
	1-Media Surface Fungi (Genus ID + App. spp.)	
	2-Media Surface Fungi (Genus ID + App. spp.)	
	3-Media Surface Fungi (Genus ID + App. spp.)	
	Culturable Air Fungi (Genus ID + App. spp.)	
	Gram Stain and Counts (Culturable Air and Surface Bacteria)	
	Legionella culture	
	Total Coliform, E.coli (Presence/Absence)	
	Membrane Filtration (Please specify organism)	
	MPN Bacteria (Please specify organism)	
	QuantTray - Sewage Screen	
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
	Asbestos Analysis - PLM (EPA method 600/R-93-116)	
	PCR (Please specify test)	

WEATHER:	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

Project ID: D95-BOE	Project Desc.: Floor 21 Sampling ports	Sampling Date & Time: 10/29/11	Zip Code: 2372-02-572
Project: Floor 21	Sample Type: ST	Volume/Area: 75	Notes: Rushes received after 4pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Below)	Total Volume/Area (as applicable)	Notes
2372-1029-FA1A11	Floor 21 Ambient N Hall	ST	WH	75	
2372-1029-FA1A12	Floor 21 Mens - ports	ST	WH	75	
2372-1029-FA1A13	Floor 21 N Hall at Aux	ST	WH	75	
2372-1029-FA1A14	Floor 21 N Hall at Return	ST	WH	75	
2372-1029-FA1A15	Floor 21 Women's	ST	WH	75	
2372-1029-FA1A16	Floor 21 Room 210	ST	WH	75	
2372-1029-FA1A17	Floor 21 O.N. Supply	ST	WH	75	
2372-1029-FA1A18	Exterior NE	ST	WH	75	

BC - BioCassette	ST - Spore Trap; Zefon	D - Dust
ATS - Andersen	Allegenco, Burkard, ...	SW - Swab
SAS - Surface Air Sampler	P - Potable Water	SO - Soil
CP - Contact Plate	NP - Non-Potable Water	B - Bulk
	O - Other:	

RELINQUISHED BY	DATE & TIME
Thomson	10/29/11 17:00

RELINQUISHED BY	DATE & TIME
Thomson	10/29/11 17:00

RELINQUISHED BY	DATE & TIME
Thomson	10/29/11 17:00

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Floor 2 Ports
EML ID: 851139

Approved by:

A handwritten signature in black ink, appearing to read "Malcolm Moody".

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 11-03-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 2 Ports

Date of Sampling: 11-02-2011
 Date of Receipt: 11-03-2011
 Date of Report: 11-03-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-11/02-F2A01: Exterior North		2372-11/02-F2A02: Floor 2 N Ambient		2372-11/02-F2A03: Women's Containment		2372-11/02-F2A04: Men's Containment		2372-11/02-F2A07: Exterior South	
Comments (see below)	None		None		None		None		None	
Lab ID-Version‡:	3776596-1		3776597-1		3776598-1		3776599-1		3776602-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	41	550	1	13	1	13			17	230
Ascospores*	2	110							6	320
Aureobasidium										
Basidiospores*	18	960							22	1,200
Botrytis										
Chaetomium	4	53							1	13
Cladosporium	183	20,000	19	1,000	3	160			231	26,000
Curvularia										
Epicoccum	1	13							2	27
Nigrospora	6	80	1	13					5	67
Oidium	7	93								
Other colorless										
Penicillium/Aspergillus types†	8	430							11	590
Pithomyces	3	40							1	13
Rusts*	33	440	3	40			1	13	21	280
Smuts*, Periconia, Myxomycetes*	86	1,100	4	53			1	13	49	650
Stachybotrys										
Torula	7	93							5	67
Ulocladium	9	120								
Zygomycetes										
Background debris (1-4+)††	3+		3+		2+		2+		3+	
Hyphal fragments/m3	1,100		13		13		27		1,200	
Pollen/m3	27		13		< 13		13		< 13	
Skin cells (1-4+)	1+		2+		< 1+		2+		1+	
Sample volume (liters)	75		75		75		75		75	
§ TOTAL SPORES/m3		24,000		1,100		170		27		29,000

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

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§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 2 Ports

Date of Sampling: 11-02-2011
 Date of Receipt: 11-03-2011
 Date of Report: 11-03-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-11/02-F2A01, Exterior North**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	550	13	13	27	67	120	59	13	13	27	67	100	56
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	53	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	20,000	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Epicoccum	13	10	13	13	40	53	21	8	13	13	27	53	19
Nigrospora	80	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	430	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Pithomyces	40	7	13	13	27	40	4	7	13	13	27	40	4
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	93	10	13	13	40	67	10	8	13	13	40	67	12
Ulocladium	120	11	13	13	27	45	15	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	110	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	960	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Oidium	93	11	13	13	40	67	11	13	13	13	40	75	19
Rusts	440	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	1,100	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	24,000												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 2 Ports

Date of Sampling: 11-02-2011
 Date of Receipt: 11-03-2011
 Date of Report: 11-03-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-11/02-F2A07, Exterior South**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	230	13	13	27	67	120	59	13	13	27	67	100	56
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	13	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	26,000	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Epicoccum	27	10	13	13	40	53	21	8	13	13	27	53	19
Nigrospora	67	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	590	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Pithomyces	13	7	13	13	27	40	4	7	13	13	27	40	4
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	67	10	13	13	40	67	10	8	13	13	40	67	12
Ulocladium	-	11	13	13	27	45	15	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	320	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	1,200	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Oidium	-	11	13	13	40	67	11	13	13	13	40	75	19
Rusts	280	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	650	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	29,000												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

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 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6653



000851139

WEATHER			
None	Fog	Rain	Snow
Light			Clear
Medium			
Heavy			

CONTACT INFORMATION

Company: LaCroy Davis LLC
 Address: 3085 Mt. Diablo Blvd. Ste 210
 Special Instructions: San Francisco, CA 94549
 Phone: 925-299-1140
 Email: email contacts

PROJECT INFORMATION

Project ID: DGS-BDE
 Project Desc: Floor 2 Ports
 Project: Floor 2
 Sampling Date & Time: 11/2/11
 PO Number: 2372-02-572

TURN AROUND TIME CODES (TAT)

STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day Rush
 WD - Weekend/Holiday

Sample ID	Sample Type	TAT (Above)	Total Volume/Area (Applicable)	NOTES
2372-102-F2A01	ST	WD	75	11:52
2372-102-F2A02	ST	WD	75	00:10
2372-102-F2A03	ST	WD	75	00:20
2372-102-F2A04	ST	WD	75	00:35
2372-102-F2A05	ST	WD	75	00:50
2372-102-F2A06	ST	WD	75	01:00
2372-102-F2A07	ST	WD	75	01:15

SAMPLE TYPE CODES

BC - BioCassette
 AT5 - Andersen
 SAS - Surface Air Sampler
 CP - Contact Plate
 ST - Spore Trap; Zefon, Allergenco, Burkard...
 SW - Swab
 P - Potable Water
 NP - Non-Potable Water
 D - Dust
 SO - Soil
 D - Bulk
 O - Other

REQUISITIONED BY

MEAN
 11/3/11
 DATE TIME

REQUESTED SERVICES	
Non-Culturable	Culturable
Spore Trap	Bin/Cassette, Andersen, SAS, Swab
Direct Microscopic Exam (Qualitative)	Water, Bulk, Dust, Soil, Contact Plate
Quantitative Spore Count (Direct Exam)	
1-Media Surface Fungi (Genus ID + Asp. spp.)	
2-Media Surface Fungi (Genus ID + Asp. spp.)	
3-Media Surface Fungi (Genus ID + Asp. spp.)	
Culturable Air Fungi (Genus ID + Asp. spp.)	
Gram Stain and Counts (Culturable Air and Surface Bacteria)	
Langella Culture	
Total Coliform, E. coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	
MPN Bacteria (Please specify organism)	
Quantify - Sewage Screen	
Adenosine Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
Asbestos Analysis - PLM (EPA method 600/R-93-116)	
PCR (Please specify test)	

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Floor 2
EML ID: 851677

Approved by:



Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 11-04-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1104-F2A01: Exterior South		2372-1104-F2A02: Floor 2 Ambient		2372-1104-F2A03: Room 2B		2372-1104-F2A04: Janitor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3779239-2		3779240-2		3779241-2		3779242-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			2	27				
Arthrinium	1	13						
Ascospores*	4	210						
Aureobasidium								
Basidiospores*	3	160	2	110				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	3	160	1	53				
Curvularia								
Epicoccum			1	13				
Myrothecium								
Nigrospora			2	27				
Other colorless								
Penicillium/Aspergillus types†	1	53						
Rusts*			1	13				
Smuts*, Periconia, Myxomycetes*	2	27	2	27				
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	1+		3+		2+		1+	
Hyphal fragments/m3	13		53		< 13		13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		630		270		< 13		< 13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1104-F2A05: 214		2372-1104-F2A06: SW Pop Up		2372-1104-F2A09: Exterior North	
Comments (see below)	None		None		None	
Lab ID-Version‡:	3779243-2		3779244-2		3779247-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Arthrinium						
Ascospores*					3	160
Aureobasidium						
Basidiospores*					5	270
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium					8	430
Curvularia						
Epicoccum						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Rusts*						
Smuts*, Periconia, Myxomycetes*					1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		3+		1+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	1+		1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		< 13		< 13		870

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1104-F2A01, Exterior South**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	-	13	13	27	67	120	59	13	13	27	67	100	56
Arthrinium	13	-	-	-	-	-	< 1	7	13	13	39	53	< 1
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	-	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	160	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Nigrospora	-	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	53	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	-	10	13	13	40	67	10	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	210	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	160	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Rusts	-	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	27	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	630												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1104-F2A09, Exterior North**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	-	13	13	27	67	120	59	13	13	27	67	100	56
Arthrinium	-	-	-	-	-	-	< 1	7	13	13	39	53	< 1
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	-	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	430	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Nigrospora	-	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	-	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	-	10	13	13	40	67	10	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	160	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	270	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Rusts	-	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	13	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	870												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6653

WEATHER	Tag	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					



000851677

PROJECT INFORMATION

Company: Lacroit Davis, LLC
 Address: 3685 Mt. Diablo Blvd Ste 210
 City: Lafayette, CA 94550
 Phone: 925-299-1140

CONTACT INFORMATION

Contact: Colony, T. La; Astembach

Project ID: DGS-BOE
 Project Desc.: Floor 2
 Project: Sampling
 Zip Code: 94511
 I/O Number: 231202-572

TURN AROUND TIMES (TAT)

STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day Rush
 (MP) Weekend/Holiday

Wishes received after 2pm on weekdays will be considered received the next business day. Please allow us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Follow)	TAT (above)	Total Volume/Rate (if applicable)	Notes (Time of day, Temp, RH, etc)
2312-1104-FA01	EXTERIOR SOUTH	ST	WH	75	00:55
2312-1104-FA02	Floor 2 Ambient	ST	WH	75	00:05
2312-1104-FA03	Room 20	ST	WH	75	00:17
2312-1104-FA04	Janitor	ST	WH	75	00:30
2312-1104-FA05	214	ST	WH	75	00:50
2312-1104-FA06	SW POP UP	SV	WH	75	01:02
2312-1104-FA07	2B #2	ST	WH	75	01:15
2312-1104-FA08	214 #2	ST	WH	75	01:30
2312-1104-FA09	exterior north	ST	WH	75	01:49

BC - Bio-Cassette	ST - Spore Trap, Zelon	T - Tape	D - Dust
ATIS - Anderson	Allergenco, Burkard...	SW - Swab	SO - Soil
SAS - Surface Air Sampler	P - Potable Water	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other	

REQUESTED SERVICES

Non-Culturable:
 Culturable:

Spore Trap	Spore Trap Analysis	Spore Trap Analysis - Other particles	Direct Microscopic Exam (Quantitative)	Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain and Counts (Culturable Air and Surface Bacteria)	Legionella culture	Total Coliform, E.coli (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	Quarantary - Sewage Screen	Advances Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Acidfast Analysis - PLM (PPA method 800/R-93-116)	PCR (Please specify test)
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

PRELIMINARY BY Theodore **DATE & TIME** 11/04/11 10:41 AM

ACQUIRED BY [Signature] **DATE & TIME** 11/4/11 11:40

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Sampling Ports
EML ID: 852414

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 11-08-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Sampling Ports

Date of Sampling: 11-04-2011
 Date of Receipt: 11-07-2011
 Date of Report: 11-08-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110411-A2-1: Floor 2 Port 2-1		2372-110411-A2-2: Floor 2 Port 2-2		2372-110411-A2-3: Floor 2 Port 2-3		2372-110411-A2-4: Floor 2 Port 2-4	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3782929-1		3782930-1		3782931-1		3782932-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	4	53						
Arthrinium								
Ascospores*	1	53	4	210				
Aureobasidium								
Basidiospores*	3	160	3	160			1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	1	13						
Cladosporium	10	530	18	960	4	210	15	800
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora	3	40					1	13
Oidium	1	13						
Other colorless								
Penicillium/Aspergillus types†	2	110	1	53	1	53	4	210
Rusts*	3	40					1	13
Smuts*, Periconia, Myxomycetes*	6	80			5	67	1	13
Stachybotrys	1	13						
Stemphylium								
Torula								
Zygomycetes								
Background debris (1-4+)††	4+		3+		3+		3+	
Hyphal fragments/m3	93		13		13		13	
Pollen/m3	27		13		< 13		< 13	
Skin cells (1-4+)	1+		1+		< 1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		1,100		1,400		330		1,100

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Sampling Ports

Date of Sampling: 11-04-2011
 Date of Receipt: 11-07-2011
 Date of Report: 11-08-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110411-A2-5: Floor 2 Port 2-5		2372-110411-A2-6: Floor 2 Port 2-6		2372-110411-A2-7: Floor 2 Port 2-7		2372-110411-A2-9: Floor 2 Port 2-9	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3782933-1		3782934-1		3782935-1		3782936-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria					1	13		
Arthrinium								
Ascospores*								
Aureobasidium							1	13
Basidiospores*								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53	12	640	4	210		
Curvularia					1	13		
Epicoccum								
Myrothecium								
Nigrospora								
Oidium								
Other colorless								
Penicillium/Aspergillus types†			1	53				
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Zygomycetes								
Background debris (1-4+)††	1+		1+		2+		1+	
Hyphal fragments/m3	27		13		< 13		< 13	
Pollen/m3	< 13		< 13		13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		53		690		240		13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Sampling Ports

Date of Sampling: 11-04-2011
 Date of Receipt: 11-07-2011
 Date of Report: 11-08-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110411-A2-10: Floor 2 Port 2-10	2372-110411-A2-11: Floor 2 Port 2-11	2372-110411-A2-12: Floor 2 Port 2-12	2372-110411-A2-13: Floor 2 Port 2-13	
Comments (see below)	None	None	None	None	
Lab ID-Version‡:	3782937-1	3782938-1	3782939-1	3782940-1	
	raw ct. spores/m3	raw ct. spores/m3	raw ct. spores/m3	raw ct. spores/m3	
Alternaria		1 13			
Arthrinium					
Ascospores*					
Aureobasidium					
Basidiospores*				1 53	
Bipolaris/Drechslera group					
Botrytis					
Chaetomium					
Cladosporium		1 53	2 110	1 53	
Curvularia					
Epicoccum					
Myrothecium					
Nigrospora					
Oidium					
Other colorless					
Penicillium/Aspergillus types†				1 53	
Rusts*					
Smuts*, Periconia, Myxomycetes*				1 13	
Stachybotrys					
Torula					
Zygomycetes					
Background debris (1-4+)††	1+	2+	3+	2+	
Hyphal fragments/m3	< 13	13	53	< 13	
Pollen/m3	< 13	< 13	< 13	< 13	
Skin cells (1-4+)	1+	1+	< 1+	1+	
Sample volume (liters)	75	75	75	75	
§ TOTAL SPORES/m3		< 13	67	110	170

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Sampling Ports

Date of Sampling: 11-04-2011
 Date of Receipt: 11-07-2011
 Date of Report: 11-08-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110411-A2-14: Floor 2 Port 2-14		2372-110411-A2-15: Floor 2 Port 2-15	
Comments (see below)	None		None	
Lab ID-Version‡:	3782941-1		3782942-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13
Arthrinium				
Ascospores*			1	53
Aureobasidium				
Basidiospores*				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	1	53	2	110
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other colorless				
Penicillium/Aspergillus types†	1	53		
Rusts*				
Smuts*, Periconia, Myxomycetes*	1	13		
Stachybotrys				
Stemphylium				
Torula				
Zygomycetes				
Background debris (1-4+)††	2+		3+	
Hyphal fragments/m3	< 13		< 13	
Pollen/m3	< 13		< 13	
Skin cells (1-4+)	1+		1+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		120		170

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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page 1 of 2

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 Phoenix, AZ: 1501 West Knaudsen Drive, Phoenix, AZ 85027 • (800) 651-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (415) 888-6653

CONTACT INFORMATION
 Company: La Croix Davis, LLC
 Address: 3605 Mt. Diablo Blvd, Ste 210 Lafayette, CA
 Special Instructions: email contacts
 Phone: 925.299.1140

PROJECT INFORMATION
 Project ID: PGS-BDE
 Project Desc: Sampling Ports
 Project: Sampling
 Zip Code: 11/4/11
 PO Number: 2372.02-572

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Ansa (as applicable)	NOTES (Time of Day, Temp, etc.)
2372-110411-A2-1	Floor 2 Port 2-1	ST	STD	75	80100 to 2340
2372-110411-A2-2	Floor 2 Port 2-2	ST	STD	75	
2372-110411-A2-3	Floor 2 Port 2-3	ST	STD	75	
2372-110411-A2-4	Floor 2 Port 2-4	ST	STD	75	
2372-110411-A2-5	Floor 2 Port 2-5	ST	STD	75	
2372-110411-A2-6	Floor 2 Port 2-6	ST	STD	75	
2372-110411-A2-7	Floor 2 Port 2-7	ST	STD	75	
2372-110411-A2-9	Floor 2 Port 2-9	ST	STD	75	
2372-110411-A2-10	Floor 2 Port 2-10	ST	STD	75	
2372-110411-A2-11	Floor 2 Port 2-11	ST	STD	75	
2372-110411-A2-12	Floor 2 Port 2-12	ST	STD	75	
2372-110411-A2-13	Floor 2 Port 2-13	ST	STD	75	

BC - BioCassette	ATIS - Andersen	SAS - Surface Air Sampler	CP - Contact Plate	T - Trap	D - Dust

WEATHER	Fog	Rain	Snow	Wind	Clear
None	X	X	X	X	X
Light					
Moderate					
Heavy					

REQUESTED SERVICES
 Non-Culturable:
 Spore Trap:
 Type: Swab Bulk
 BioCassette: Andersen, SAS, Swab
 Water, Bulk, Dusc, Soil, Contact Plt

Sample Type	Analysis	Quantity
Spore Trap Analysis	Fungi - Spore Trap Analysis	X
Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	X
1-Media Surface Fungi (Genus ID + App. spp.)	2-Media Surface Fungi (Genus ID + App. spp.)	X
3-Media Surface Fungi (Genus ID + App. spp.)	Culturable Air Fungi (Genus ID + App. spp.)	X
Carm Stain and Counts (Culturable Air and Surface Bacteria)	Legionella culture	X
Total Coliform, E.coli (Presence/Absence)	Membrane Filtration (Please specify organism)	X
MFPN Bacteria (Please specify organism)	Quant. Tryp - Sewage Screen	X
Asbestos Analysis - PCM (FPA method 600/R-93-176)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	X
PCR (Please specify test)		

RECEIVED BY
 DATE & TIME
 11/11/11 10:00
 [Signature]

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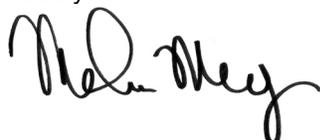
EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Floor 21 Sampling Ports
EML ID: 852970

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 11-09-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 11-06-2011
 Date of Receipt: 11-08-2011
 Date of Report: 11-09-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110611-A21-1: Port 21-1		2372-110611-A21-2: Port 21-2		2372-110611-A21-3: Port 21-3		2372-110611-A21-4: Port 21-4	
Comments (see below)	None		None		A		None	
Lab ID-Version‡:	3784874-1		3784875-1		3784876-1		3784877-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	1	13			5	67
Ascospores*			2	110				
Aureobasidium								
Basidiospores*	1	53	4	210			1	53
Bipolaris/Drechslera group	1	53						
Botrytis								
Chaetomium							1	13
Cladosporium	2	110	8	430			5	270
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora			1	13			2	27
Other colorless								
Penicillium/Aspergillus types†	2	110	3	160				
Rusts*			1	13				
Smuts*, Periconia, Myxomycetes*	5	67	8	110	1	13	3	40
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	4+		4+		> 4+		3+	
Hyphal fragments/m3	67		110		< 13		67	
Pollen/m3	27		13		< 13		40	
Skin cells (1-4+)	2+		1+		< 1+		2+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		400		1,100		13		470

Comments:A) Trace overloaded with debris. The counts provided should be considered as minimal.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 11-06-2011
 Date of Receipt: 11-08-2011
 Date of Report: 11-09-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110611-A21-5: Port 21-5	2372-110611-A21-6: Port 21-6	2372-110611-A21-7: Port 21-7	2372-110611-A21-8: Port 21-8
Comments (see below)	None	None	None	None
Lab ID-Version‡:	3784878-1	3784879-1	3784880-1	3784881-1
	raw ct. spores/m3	raw ct. spores/m3	raw ct. spores/m3	raw ct. spores/m3
Alternaria				
Ascospores*				
Aureobasidium				
Basidiospores*				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			43	2,300
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Other colorless				
Penicillium/Aspergillus types†				
Rusts*				
Smuts*, Periconia, Myxomycetes*				1 13
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	1+	1+	2+	1+
Hyphal fragments/m3	< 13	< 13	< 13	13
Pollen/m3	< 13	< 13	< 13	< 13
Skin cells (1-4+)	< 1+	< 1+	1+	< 1+
Sample volume (liters)	75	75	75	75
§ TOTAL SPORES/m3		< 13	< 13	2,300
				13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 11-06-2011
Date of Receipt: 11-08-2011
Date of Report: 11-09-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110611-A21-9: Port 21-9	2372-110611-A21-10: Port 21-10	2372-110611-A21-11: Port 21-11	2372-110611-A21-12: Port 21-12				
Comments (see below)	None	None	None	None				
Lab ID-Version‡:	3784882-1	3784883-1	3784884-1	3784885-1				
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Ascospores*								
Aureobasidium								
Basidiospores*					2	110		
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium								
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†								
Rusts*								
Smuts*, Periconia, Myxomycetes*					1	13	1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	1+	1+	2+	2+				
Hyphal fragments/m3	< 13	13	< 13	< 13				
Pollen/m3	< 13	< 13	< 13	< 13				
Skin cells (1-4+)	< 1+	1+	< 1+	1+				
Sample volume (liters)	75	75	75	75				
§ TOTAL SPORES/m3		< 13		< 13		13		120

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
 * Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.
 The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
 For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
 ‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 11-06-2011
 Date of Receipt: 11-08-2011
 Date of Report: 11-09-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110611-A21-13: Port 21-13	2372-110611-A21-14: Port 21-14	2372-110611-A21-15: Port 21-15	2372-110611-A21-16: Port 21-16
Comments (see below)	None	A	None	None
Lab ID-Version‡:	3784886-1	3784887-1	3784888-1	3784889-1
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			3	40
Ascospores*				
Aureobasidium				
Basidiospores*	1	53	2	110
Bipolaris/Drechslera group				
Botrytis				
Chaetomium			1	13
Cladosporium	2	110	4	210
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Other colorless				
Penicillium/Aspergillus types†	18	960	9	480
Rusts*			1	13
Smuts*, Periconia, Myxomycetes*	3	40	12	160
Stachybotrys				
Stemphylium			1	13
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	2+		> 4+	
Hyphal fragments/m3	40		27	
Pollen/m3	< 13		40	
Skin cells (1-4+)	1+		2+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		1,200		1,000
				< 13
				3,600

Comments: A) Trace overloaded with debris. The counts provided should be considered as minimal.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 11-06-2011
 Date of Receipt: 11-08-2011
 Date of Report: 11-09-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-110611-F21A01: Exterior South		2372-110611-F21A02: Floor 21 Ambient PEL		2372-110611-F21A03: Exterior North	
Comments (see below)	None		None		None	
Lab ID-Version‡:	3784890-1		3784891-1		3784892-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores*	21	1,100			6	320
Aureobasidium						
Basidiospores*	5	270			1	53
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	2	110			11	590
Curvularia						
Epicoccum						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	2	110				
Pithomyces						
Rusts*						
Smuts*, Periconia, Myxomycetes*	3	40			1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+		2+		1+	
Hyphal fragments/m3	13		27		< 13	
Pollen/m3	13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		1,600		< 13		970

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

‡ The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 11-06-2011
 Date of Receipt: 11-08-2011
 Date of Report: 11-09-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-110611-F21A01, Exterior South**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	-	13	13	27	67	120	59	13	13	27	67	100	56
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	-	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	110	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Nigrospora	-	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	110	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	-	10	13	13	40	67	10	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	1,100	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	270	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Rusts	-	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	40	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	1,600												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21 Sampling Ports

Date of Sampling: 11-06-2011
 Date of Receipt: 11-08-2011
 Date of Report: 11-09-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-110611-F21A03, Exterior North**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	-	13	13	27	67	120	59	13	13	27	67	100	56
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	-	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	590	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Nigrospora	-	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	-	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	-	10	13	13	40	67	10	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	320	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	53	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Rusts	-	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	13	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	970												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

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CHAIN OF CUSTODY

www.EMLabPK.com



Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 * (866) 871-1984
 Phoenix, AZ: 1501 West Knudson Drive, Phoenix, AZ 85027 * (800) 651-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER			
None	Fog	Rain	Snow
Light			
Moderate			
Heavy			
Clear			

REQUIRED SERVICES: Culturable

000852970

Non-Culturable	Culturable
Spore Trap	BioCassette™ Andersen, SAS, Swab
Spore Swab	Water, Bulk, Dust, Soil, Contact Plate
Trap	
Direct Microscopic Exam (Qualitative)	Legionella culture
Quantitative Spore Count Direct Exam	Gram Stain and Counts (Culturable Air and Surface Bacteria)
1-Media Surface Fungus (Census ID + App. spp.)	Culturable Air Fungus (Census ID - App. spp.)
2-Media Surface Fungus (Census ID + App. spp.)	3-Media Surface Fungus (Census ID + App. spp.)
3-Media Surface Fungus (Census ID + App. spp.)	Membrane Filtration (Please specify organism)
MPN Bacteria (Please specify organism)	MIPN Bacteria (Please specify organism)
Quantitray - Sewage Screen	Asbestos Analysis - PM (EPA method 500/R-93-116)
Asbestos Analysis - PM (EPA method 500/R-93-116)	PCR (please specify test)

CONTACT INFORMATION
 Address: 3685 Mt Diablo Blvd, Ste 210
 Special Instructions: Lafayette, CA 94549
 email contacts

PROJECT INFORMATION
 Project ID: D&S-BDE
 Project Name: Floor 21 Parts
 Sampling Date & Time: 11/6/11
 Job Number: 2372.02-572

Sample ID	Description	Sample Type (Abbrev)	TAT (Abbrev)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc)
2372-1106H-A21-13	Port 21-13	ST	STD	75	12:19
2372-1106H-A21-14	Port 21-14	ST	STD	75	12:31
2372-1106H-A21-15	Port 21-15	ST	STD	75	10:05
2372-1106H-A21-16	Port 21-16	ST	STD	75	12:25
2372-1106H-F21A01	Exterior South	ST	STD	75	PRE
2372-1106H-F21A02	Floor 21 Ambient PEL	ST	STD	75	PRE
2372-1106H-F21A03	Exterior North	ST	STD	75	POST

SAMPLE TYPE CODES		RELINQUISHED BY		DATE/TIME
BC - BioCassette™	ST - Spore Trap, Zefon,	Theodore		11/16/11 12:35
A15 - Andersen	Allergenco, Burkard ...			
SAS - Surface Air Samples	P - Potable Water			
CT - Contact Plate	NIP - Non-Potable Water			

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/s/main/serviceterms.html>

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