

Laboratory Analysis Report

Submitted to: **MECA Consulting, Inc.**
620 Contra Costa Blvd., Suite 102
Pleasant Hill, CA 94523
Attn: **Mariah Batt**

Aemtek No: 912249

Purpose: The purpose of this report is to present laboratory results obtained by analyzing the samples submitted to Aemtek, Inc. The report includes this cover and the data sheet (s).

Limitations: The test results presented in this report are only related to the samples supplied by the client and analyzed by Aemtek. This report shall not be reproduced, except in full, without written authorization of Aemtek. Aemtek shall have no liability to anyone with respect to any interpretations or uses of the laboratory report, decisions made or actions taken as a result of or based on the data reported. In no event shall Aemtek's liability with respect to the reported test results exceed the amount paid for the project by the client to Aemtek.

Sample information: Sample identification, location, volume, weight, and area are from the client's Chain of Custody. Unless specifically noted, the samples were received in acceptable condition.

Significant figures: Because of the nature of the biological samples and analytical methods, the number of significant figures should generally be one or two, although the actual calculation results are reported.

Sample Custody: Samples accepted by Aemtek shall remain the property of client while in the custody of Aemtek. Aemtek shall retain preparations of direct exam samples for 30 days and culturable samples for 7 days following the date of issuing this report. After the retention period, the samples shall be sterilized and discarded, unless otherwise requested by the client.

Confidentiality: Aemtek shall not provide analytical results or client's project information to any party other than the client, unless requested by the client, in writing, or by law.

About Aemtek: Aemtek, Inc. is an environmental microbiology laboratory providing reliable, fast, and expert laboratory services for the detection, identification, and analysis of microorganisms. We are committed to excellence in quality, service, and technology. All analysts are experienced Ph.D. specialists. The laboratory is accredited by the American Industrial Hygiene Association (AIHA) in the Environmental Microbiology Laboratory Accreditation Program (EMLAP Lab #167620).

Project ID : 16010.2050

Location : Hearst E.S. - Periodic Monitoring

P.O. Number : 5135

Sampling Date : December 28, 2009

Sample Received : December 28, 2009

Data Reported : December 29, 2009

Approved by :



Dr. Florence Wu
Principal Mycologist

Dr. Steven Huang
Laboratory Director



Aemtek Laboratory Report, Cover Sheet



Laboratory Analysis Report

Data Sheet

Aemtek No. 912249

46309 Warm Springs Blvd.
 Fremont, CA 94539
 Phone: 510-979-1979
 Fax: 510-668-1980

Project ID : 16010.2050
 Project Location : Hearst E.S. - Periodic Monitoring
 Analysis Performed : Fungal Direct Examination (FDE)
 Sample Type : Air, Spore Slit Impaction Cassettes

Submitted to :
 MECA Consulting, Inc.
 Pleasant Hill, CA 94523

Sample ID	09.12.28.701			09.12.28.702			09.12.28.703			09.12.28.704			09.12.28.705			09.12.28.706					
Location	PRE OUTDOOR						B1			B2			B3			B4			B5		
Air Volume (L)	75			75			75			75			75			75					
Fungal Identification	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total			
<i>Alternaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Ascospores	33	429	4	3	39	5	1	13	2	1	13	3	-	-	-	1	13	3			
<i>Aspergillus/Penicillium-like</i>	23	299	2	11	143	17	4	52	7	4	52	11	2	26	15	5	65	17			
Basidiospores	352	4576	38	14	182	22	14	182	24	1	13	3	4	52	31	4	52	14			
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Botrytis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Cladosporium</i>	32	416	3	2	26	3	5	65	8	2	26	5	1	13	8	2	26	7			
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Epicoccum</i>	1	13	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Myxomycetes/ <i>Periconia</i> /Rust/Smut	-	-	-	1	13	2	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Nigrospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Pestalotiopsis/Pestalotia-like</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Stemphylium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other hyaline spores	495	6435	53	32	416	51	35	455	59	29	377	78	6	78	46	16	208	55			
Other colored spores	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	13	3			
Hyphal fragments	1	13	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Total	937	12181	100	63	819	100	59	767	100	37	481	100	13	169	100	29	377	100			
Pollen/m ³	-			-			-			-			-			-					
Insect or dust mite parts/m ³	-			-			-			-			-			-					
Detection Limit (spores/m ³)	13			13			13			13			13			13					
General Density	1-25%			1-25%			1-25%			1-25%			1-25%			1-25%					
% of Trace Analyzed	100%			100%			100%			100%			100%			100%					

Method ID: Aemtek SOP AF101
 Sampling date: 12/28/2009
 Date of analysis: 12/29/2009

Direct microscopy detection limit: One spore or one hyphal fragment per sample

Reviewed By:

Analysis Performed by: Dr. Steven Huang & Dr. Kuldeep Johal



Laboratory Analysis Report

Data Sheet

Aemtek No. 912249

46309 Warm Springs Blvd.
 Fremont, CA 94539
 Phone: 510-979-1979
 Fax: 510-668-1980

Project ID : 16010.2050
 Project Location : Hearst E.S. - Periodic Monitoring
 Analysis Performed : Fungal Direct Examination (FDE)
 Sample Type : Air, Spore Slit Impaction Cassettes

Submitted to :
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 Pleasant Hill, CA 94523

Sample ID	09.12.28.707			09.12.28.708			09.12.28.709			09.12.28.710			09.12.28.711			09.12.28.712		
Location	B6			B7			B8			B9			B10			B11		
Air Volume (L)	75			75			75			75			75			75		
Fungal Identification	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total
<i>Alternaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	1	13	9	1	13	2	3	39	10	4	52	3
<i>Aspergillus/Penicillium</i> -like	4	52	12	5	65	19	2	26	18	1	13	2	4	52	13	5	65	4
Basidiospores	5	65	15	3	39	11	3	39	27	14	182	23	5	65	17	33	429	28
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Botrytis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cladosporium</i>	3	39	9	1	13	4	2	26	18	8	104	13	4	52	13	3	39	3
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myxomycetes/ <i>Periconia</i> /Rust/Smut	-	-	-	1	13	4	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nigrospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pestalotiopsis/Pestalotia</i> -like	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stemphylium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	21	273	64	17	221	63	3	39	27	37	481	61	14	182	47	72	936	62
Other colored spores	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal fragments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	33	429	100	27	351	100	11	143	100	61	793	100	30	390	100	117	1521	100
Pollen/m ³	-			-			-			-			-			13		
Insect or dust mite parts/m ³	-			-			-			-			-			-		
Detection Limit (spores/m ³)	13			13			13			13			13			13		
General Density	1-25%			1-25%			1-25%			1-25%			1-25%			1-25%		
% of Trace Analyzed	100%			100%			100%			100%			100%			100%		

Method ID: Aemtek SOP AF101
 Sampling date: 12/28/2009
 Date of analysis: 12/29/2009

Direct microscopy detection limit: One spore or one hyphal fragment per sample

Reviewed By:

Analysis Performed by: Dr. Steven Huang & Dr. Kuldeep Johal

Aemtek Laboratory Analysis Report, Data Sheet 2 of 8



Laboratory Analysis Report

Data Sheet

Aemtek No. 912249

46309 Warm Springs Blvd.
Fremont, CA 94539
Phone: 510-979-1979
Fax: 510-668-1980

Project ID : 16010.2050
Project Location : Hearst E.S. - Periodic Monitoring
Analysis Performed : Fungal Direct Examination (FDE)
Sample Type : Air, Spore Slit Impaction Cassettes

Submitted to :
MECA Consulting, Inc.
Pleasant Hill, CA 94523

Sample ID	09.12.28.713			09.12.28.714			09.12.28.715			09.12.28.716			09.12.28.717			09.12.28.718		
Location	B12			B17			B18			B20			B21			B22		
Air Volume (L)	75			71.5			71.5			75			71.5			75		
Fungal Identification	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total
<i>Alternaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ascospores	2	26	5	9	126	4	3	42	2	9	117	20	7	98	13	5	65	8
<i>Aspergillus/Penicillium-like</i>	5	65	13	19	266	8	5	70	3	2	26	5	4	56	8	4	52	6
Basidiospores	2	26	5	75	1050	31	59	826	32	11	143	25	17	238	32	19	247	31
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Botrytis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cladosporium</i>	4	52	10	15	210	6	7	98	4	7	91	16	9	126	17	15	195	24
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myxomycetes/ <i>Periconia</i> /Rust/Smut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nigrospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pestalotiopsis/Pestalotia-like</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stemphylium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	26	338	65	125	1750	51	108	1512	59	14	182	32	16	224	30	18	234	29
Other colored spores	1	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal fragments	-	-	-	-	-	-	-	-	-	1	13	2	-	-	-	1	13	2
Total	40	520	100	243	3402	100	182	2548	100	44	572	100	53	742	100	62	806	100
Pollen/m ³	-			-			-			-			-			-		
Insect or dust mite parts/m ³	-			-			-			-			-			-		
Detection Limit (spores/m ³)	13			14			14			13			14			13		
General Density	1-25%			1-25%			1-25%			1-25%			1-25%			1-25%		
% of Trace Analyzed	100%			100%			100%			100%			100%			100%		

Method ID: Aemtek SOP AF101
Sampling date: 12/28/2009
Date of analysis: 12/29/2009

Direct microscopy detection limit: One spore or one hyphal fragment per sample

Reviewed By:

Analysis Performed by: Dr. Steven Huang & Dr. Kuldeep Johal

Aemtek Laboratory Analysis Report, Data Sheet 3 of 8



Laboratory Analysis Report

Data Sheet

Aemtek No. 912249

46309 Warm Springs Blvd.
Fremont, CA 94539
Phone: 510-979-1979
Fax: 510-668-1980

Project ID : 16010.2050
Project Location : Hearst E.S. - Periodic Monitoring
Analysis Performed : Fungal Direct Examination (FDE)
Sample Type : Air, Spore Slit Impaction Cassettes

Submitted to :
MECA Consulting, Inc.
Pleasant Hill, CA 94523

Sample ID	09.12.28.719			09.12.28.720			09.12.28.721			09.12.28.722			09.12.28.723			09.12.28.724		
Location	B23			B24			B25			B26			B27			B28		
Air Volume (L)	71.5			75			71.5			75			71.5			75		
Fungal Identification	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total
<i>Alternaria</i>	-	-	-	-	-	-	-	-	-	1	13	1	1	14	1	-	-	-
Ascospores	3	42	15	8	104	10	-	-	-	16	208	9	10	140	12	25	325	15
<i>Aspergillus/Penicillium-like</i>	2	28	10	5	65	6	-	-	-	12	156	7	4	56	5	10	130	6
Basidiospores	5	70	25	14	182	18	1	14	50	38	494	22	18	252	22	33	429	20
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Botrytis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cladosporium</i>	2	28	10	22	286	28	-	-	-	88	1144	51	39	546	48	58	754	35
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myxomycetes/ <i>Periconia</i> /Rust/Smut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nigrospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pestalotiopsis/Pestalotia-like</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stemphylium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	8	112	40	29	377	37	1	14	50	17	221	10	9	126	11	38	494	23
Other colored spores	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal fragments	-	-	-	1	13	1	-	-	-	-	-	-	-	-	-	1	13	1
Total	20	280	100	79	1027	100	2	28	100	172	2236	100	81	1134	100	165	2145	100
Pollen/m ³	-			-			-			-			-			-		
Insect or dust mite parts/m ³	-			-			-			-			-			-		
Detection Limit (spores/m ³)	14			13			14			13			14			13		
General Density	1-25%			1-25%			1-25%			1-25%			1-25%			1-25%		
% of Trace Analyzed	100%			100%			100%			100%			100%			100%		

Method ID: Aemtek SOP AF101
Sampling date: 12/28/2009
Date of analysis: 12/29/2009

Direct microscopy detection limit: One spore or one hyphal fragment per sample

Reviewed By:

Analysis Performed by: Dr. Steven Huang & Dr. Kuldeep Johal

Aemtek Laboratory Analysis Report, Data Sheet 4 of 8

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 Project Location : Hearst E.S. - Periodic Monitoring
 Analysis Performed : Fungal Direct Examination (FDE)
 Sample Type : Air, Spore Slit Impaction Cassettes

 Submitted to :
 MECA Consulting, Inc.
 Pleasant Hill, CA 94523

Sample ID	09.12.28.725			09.12.28.726			09.12.28.727			09.12.28.728			09.12.28.729		
Location	LIBRARY			K.1			K.2			D.1 - KIDS CLUB			POST OUTDOOR		
Air Volume (L)	71.5			75			75			71.5			71.5		
Fungal Identification	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total	Count	Spores/m ³	% of Total
<i>Alternaria</i>	1	14	3	1	13	3	-	-	-	1	14	1	-	-	-
Ascospores	1	14	3	-	-	-	1	13	6	3	42	3	29	406	13
<i>Aspergillus/Penicillium</i> -like	3	42	9	5	65	17	1	13	6	32	448	36	18	252	8
Basidiospores	2	28	6	3	39	10	3	39	18	9	126	10	58	812	26
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Botrytis</i>	2	28	6	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cladosporium</i>	19	266	58	12	156	40	8	104	47	26	364	29	83	1162	38
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-	-	-	-	-	-	-	-	2	28	1
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myxomycetes/ <i>Periconia</i> /Rust/Smut	-	-	-	-	-	-	1	13	6	4	56	4	2	28	1
<i>Nigrospora</i>	-	-	-	-	-	-	1	13	6	-	-	-	-	-	-
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pestalotiopsis/Pestalotia</i> -like	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Stemphylium</i>	1	14	3	-	-	-	-	-	-	-	-	-	1	14	0
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	4	56	12	5	65	17	2	26	12	9	126	10	19	266	9
Other colored spores	-	-	-	2	26	7	-	-	-	2	28	2	-	-	-
Hyphal fragments	-	-	-	2	26	7	-	-	-	3	42	3	9	126	4
Total	33	462	100	30	390	100	17	221	100	89	1246	100	221	3094	100
Pollen/m ³	-			-			-			-			-		
Insect or dust mite parts/m ³	-			-			-			-			-		
Detection Limit (spores/m ³)	14			13			13			14			14		
General Density	1-25%			1-25%			1-25%			76-99%			1-25%		
% of Trace Analyzed	100%			100%			100%			100%			100%		

 Method ID: Aemtek SOP AF101
 Sampling date: 12/28/2009
 Date of analysis: 12/29/2009

Direct microscopy detection limit: One spore or one hyphal fragment per sample

 Reviewed By: 

Analysis Performed by: Dr. Steven Huang & Dr. Kuldeep Johal

Aemtek Laboratory Analysis Report, Data Sheet 5 of 8



Laboratory Analysis Report

Data Sheet

Aemtek No. 912249

46309 Warm Springs Blvd.
Fremont, CA 94539
Phone: 510-979-1979
Fax: 510-668-1980

Project ID : 16010.2050
Project Location : Hearst E.S. - Periodic Monitoring
Analysis Performed : Fungal Direct Examination (FDE)
Sample Type : Air, Spore Slit Impaction Cassettes

Submitted to :
MECA Consulting, Inc.
Pleasant Hill, CA 94523

Sample ID	09.12.28.701	09.12.28.702	09.12.28.703	09.12.28.704	09.12.28.705	09.12.28.706	09.12.28.707	09.12.28.708	09.12.28.709	09.12.28.710
Location	PRE OUTDOOR	B1	B2	B3	B4	B5	B6	B7	B8	B9
Air Volume (L)	75	75	75	75	75	75	75	75	75	75
Fungal Identification	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³
<i>Alternaria</i>	-	-	-	-	-	-	-	-	-	-
Ascospores	429	39	13	13	-	13	-	-	13	13
<i>Aspergillus/Penicillium</i> -like	299	143	52	52	26	65	52	65	26	13
Basidiospores	4576	182	182	13	52	52	65	39	39	182
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-
<i>Botrytis</i>	-	-	-	-	-	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-
<i>Cladosporium</i>	416	26	65	26	13	26	39	13	26	104
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-
<i>Epicoccum</i>	13	-	-	-	-	-	-	-	-	-
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-
Myxomycetes/ <i>Periconia</i> /Rust/Smut	-	13	-	-	-	-	-	13	-	-
<i>Nigrospora</i>	-	-	-	-	-	-	-	-	-	-
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-
<i>Pestalotiopsis/Pestalotia</i> -like	-	-	-	-	-	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-
<i>Stemphylium</i>	-	-	-	-	-	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	6435	416	455	377	78	208	273	221	39	481
Other colored spores	-	-	-	-	-	13	-	-	-	-
Hyphal fragments	13	-	-	-	-	-	-	-	-	-
Total	12181	819	767	481	169	377	429	351	143	793
Pollen/m ³	-	-	-	-	-	-	-	-	-	-
Insect or dust mite parts/m ³	-	-	-	-	-	-	-	-	-	-
Detection Limit (spores/m ³)	13	13	13	13	13	13	13	13	13	13
General Density	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%
% of Trace Analyzed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Reviewed by:



Laboratory Analysis Report

Data Sheet

Aemtek No. 912249

46309 Warm Springs Blvd.
Fremont, CA 94539
Phone: 510-979-1979
Fax: 510-668-1980

Project ID : 16010.2050
Project Location : Hearst E.S. - Periodic Monitoring
Analysis Performed : Fungal Direct Examination (FDE)
Sample Type : Air, Spore Slit Impaction Cassettes

Submitted to :
MECA Consulting, Inc.
Pleasant Hill, CA 94523

Sample ID	09.12.28.711	09.12.28.712	09.12.28.713	09.12.28.714	09.12.28.715	09.12.28.716	09.12.28.717	09.12.28.718	09.12.28.719	09.12.28.720
Location	B10	B11	B12	B17	B18	B20	B21	B22	B23	B24
Air Volume (L)	75	75	75	71.5	71.5	75	71.5	75	71.5	75
Fungal Identification	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³
<i>Alternaria</i>	-	-	-	-	-	-	-	-	-	-
Ascospores	39	52	26	126	42	117	98	65	42	104
<i>Aspergillus/ Penicillium</i> -like	52	65	65	266	70	26	56	52	28	65
Basidiospores	65	429	26	1050	826	143	238	247	70	182
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-
<i>Botrytis</i>	-	-	-	-	-	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-
<i>Cladosporium</i>	52	39	52	210	98	91	126	195	28	286
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-	-	-	-	-	-
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-
Myxomycetes/ <i>Periconia</i> /Rust/Smut	-	-	-	-	-	-	-	-	-	-
<i>Nigrospora</i>	-	-	-	-	-	-	-	-	-	-
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-
<i>Pestalotiopsis/Pestalotia</i> -like	-	-	-	-	-	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-
<i>Stemphylium</i>	-	-	-	-	-	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	182	936	338	1750	1512	182	224	234	112	377
Other colored spores	-	-	13	-	-	-	-	-	-	-
Hyphal fragments	-	-	-	-	-	13	-	13	-	13
Total	390	1521	520	3402	2548	572	742	806	280	1027
Pollen/m ³	-	13	-	-	-	-	-	-	-	-
Insect or dust mite parts/m ³	-	-	-	-	-	-	-	-	-	-
Detection Limit (spores/m ³)	13	13	13	14	14	13	14	13	14	13
General Density	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%
% of Trace Analyzed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Reviewed by:



Laboratory Analysis Report

Data Sheet

Aemtek No. 912249

46309 Warm Springs Blvd.
 Fremont, CA 94539
 Phone: 510-979-1979
 Fax: 510-668-1980

Project ID : 16010.2050
 Project Location : Hearst E.S. - Periodic Monitoring
 Analysis Performed : Fungal Direct Examination (FDE)
 Sample Type : Air, Spore Slit Impaction Cassettes

Submitted to :
 MECA Consulting, Inc.
 Pleasant Hill, CA 94523

Sample ID	09.12.28.721	09.12.28.722	09.12.28.723	09.12.28.724	09.12.28.725	09.12.28.726	09.12.28.727	09.12.28.728	09.12.28.729	
Location	B25	B26	B27	B28	LIBRARY	K.1	K.2	D.1 - KIDS CLUB	POST OUTDOOR	
Air Volume (L)	71.5	75	71.5	75	71.5	75	75	71.5	71.5	-
Fungal Identification	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³	Spores/m ³
<i>Alternaria</i>	-	13	14	-	14	13	-	14	-	-
Ascospores	-	208	140	325	14	-	13	42	406	-
<i>Aspergillus/Penicillium</i> -like	-	156	56	130	42	65	13	448	252	-
Basidiospores	14	494	252	429	28	39	39	126	812	-
<i>Beltrania</i>	-	-	-	-	-	-	-	-	-	-
<i>Bipolaris/Dreschlera</i>	-	-	-	-	-	-	-	-	-	-
<i>Botrytis</i>	-	-	-	-	28	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-	-	-	-	-	-
<i>Cladosporium</i>	-	1144	546	754	266	156	104	364	1162	-
<i>Curvularia</i>	-	-	-	-	-	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-	-	-	-	28	-
<i>Ganoderma</i>	-	-	-	-	-	-	-	-	-	-
Myxomycetes/Periconia/Rust/Smut	-	-	-	-	-	-	13	56	28	-
<i>Nigrospora</i>	-	-	-	-	-	-	13	-	-	-
<i>Oidium</i>	-	-	-	-	-	-	-	-	-	-
<i>Pestalotiopsis/Pestalotia</i> -like	-	-	-	-	-	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-	-	-	-	-	-
<i>Stemphylium</i>	-	-	-	-	14	-	-	-	14	-
<i>Torula</i>	-	-	-	-	-	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	14	221	126	494	56	65	26	126	266	-
Other colored spores	-	-	-	-	-	26	-	28	-	-
Hyphal fragments	-	-	-	13	-	26	-	42	126	-
Total	28	2236	1134	2145	462	390	221	1246	3094	-
Pollen/m ³	-	-	-	-	-	-	-	-	-	-
Insect or dust mite parts/m ³	-	-	-	-	-	-	-	-	-	-
Detection Limit (spores/m ³)	14	13	14	13	14	13	13	14	14	-
General Density	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	1-25%	76-99%	1-25%	-
% of Trace Analyzed	100%	100%	100%	100%	100%	100%	100%	100%	100%	-

Reviewed by:

MICROBIAL ANALYSIS REQUEST FORM

Sample Date: 12/28/09

Site: HEOR37 ES - PERIODIC MONITORING

Job #: 16010.2050

Lab: AEMTEK 912249

PO #: 5135

Turnaround Time RUSH
NON-VIABLES Due Date _____
VIABLES Due Date _____

Sample ID	Location <input type="checkbox"/> Initial <input type="checkbox"/> Post Remediation	Analysis Requested	Media Type	* Total Time (CFM / LPM)	Air Volume
09.12.28.701	PRE-OUTDOOR	Z	-	①	
.702	B1				
.703	B2				
.704	B3				
.705	B4				
.706	B5				
.707	B6				
.708	B7				
.709	B8				
.710	B9				

Special Instructions: Fax Results as soon as available to (925) 808-6708

ANALYSIS CODES:

NON-VIABLE

- Z= Zefon
- T= Tape lit/direct
- S= Swab/direct
- BK= Bulk/direct

VIABLE-air (Anderson)

AFGAS= Asper/Stachy species

VIABLE- bulk, swab

BKGAS= Asper/Stachy species

MEDIA: M= Malt C= Cellulose

* **TOTAL TIME:**

- ① = 5 min @ 15 lpm
- ② = 5 min @ 14.3 lpm

Relinquished By <u>[Signature]</u>	Relinquished By _____
Release Date/Time _____	Release Date/Time _____
Received By <u>[Signature]</u> Condition acceptable? <input checked="" type="radio"/> Y <input type="radio"/> N	Received By _____ Condition acceptable? <input type="radio"/> Y <input type="radio"/> N
Date/Time <u>12/28/09, 4:10 pm</u>	Date/Time _____

MICROBIAL ANALYSIS REQUEST FORM

Sample Date: 12/28/09

Site: HEARST E.S. Job #: 16010.2050

Lab: AEWTEK 912249 PO #: 5135

Turnaround Time RUSH
NON-VIABLES Due Date
VIABLES Due Date

Sample ID	Location		Analysis Requested	Media Type	* Total Time (CFM / LPM)	Air Volume
	<input type="checkbox"/> Initial	<input type="checkbox"/> Post Remediation				
.711	B10		Z		①	
.712	B11		↓	↓	↓	
.713	B12				②	
.714	B17				②	
.715	B18				①	
.716	B20				②	
.717	B21				①	
.718	B22				②	
.719	B23				①	
.720	B24				②	

Special Instructions: Fax Results as soon as available to (925) 808-6708

ANALYSIS CODES:

- NON-VIABLE**
- Z- Zefon
- T- Tape filter/direct
- S- Swab/direct
- BK- Bulk/direct
- VIABLE-air (Anderson)**
- AFGAS= Asper/Stachy species
- VIABLE- bulk, swab**
- BKGAS= Asper/Stachy species

Relinquished By: <u>[Signature]</u>	Relinquished By: _____
Release Date/Time: _____	Release Date/Time: _____
Received By: <u>Jow</u> Condition acceptable? <input checked="" type="radio"/> Y <input type="radio"/> N	Received By: _____ Condition acceptable? <input type="radio"/> Y <input type="radio"/> N
Date/Time: <u>12/28/09, 4:10pm</u>	Date/Time: _____

MEDIA: M- Malt C- Cellulose

* TOTAL TIME
① = 5 min @ 15 lpm
② = 5 min @ 14.3 lpm

MICROBIAL ANALYSIS REQUEST FORM

Sample Date: 12/28/09

Site: HEARST E.S.

Job #: 16010 2050

Lab: ADANTELL 912249

PO #: 5135

Turnaround Time RUSH
NON-VIABLES Due Date: / /
VIABLES Due Date: / /

Sample ID	Location <input type="checkbox"/> Initial <input type="checkbox"/> Post Remediation	Analysis Requested	Media Type	* Total Time (CFM / LPM)	Air Volume
.721	B25	Z		②	
.722	B26			①	
.723	B27			②	
.724	B28			①	
.725	LIBRARY			②	
.726	K 1			①	
.727	K 2			①	
.728	D-1 - KIDS CLUB			②	
.729	POST OUTDOOR			②	

Special Instructions: Fax Results as soon as available to (925) 808-6708

ANALYSIS CODES:

NON-VIABLE

Z= Zelon
T= Tape lift/direct
S= Swab/direct
BK= Bulk/direct

VIABLE-air (Anderson)

AFGAS= Asper/Stachy species

VIABLE- bulk, swab

BKGAS= Asper/Stachy species

MEDIA M= Malt C= Cellulose

Relinquished By <u>[Signature]</u>	Relinquished By
Release Date/Time	Release Date/Time
Received By <u>Jaw</u> Condition acceptable? <input checked="" type="radio"/> Y <input type="radio"/> N	Received By Condition acceptable? <input type="radio"/> Y <input type="radio"/> N
Date/Time: <u>12/28/09, 4:10 pm</u>	Date/Time

* TOTAL TIME >
① = 5 min @ 15 lpm
② = 5 min @ 14.3 lpm