



Assured Bio Identifier: WS092908-1

Analyst: E. Silver, Ph.D.

Inspector: W. Swann	Job Number: NA	Date Collected: 9/28/2008
FOT: ViaScan	Project Name: Valley Chapel	Date Received: 9/29/2008
		Date Reported: 10/7/2008

Sample Number:	WS092908-1-1	
Sample ID:	CR33	Building 7, 5th Floor
	<u>Colony Forming Units</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	24	283
<i>Fusarium sp.</i>	3	35
<i>Epicoccum sp.</i>	21	247

The total colony forming units per cubic meter is 565.

Sample Number:	WS092908-1-2	
Sample ID:	CR32	Building 7, 4th Floor
	<u>Colony Forming Units</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	31	365
<i>Fusarium sp.</i>	2	24
<i>Epicoccum sp.</i>	1	12

The total colony forming units per cubic meter is 390.

Sample Number:	WS092908-1-3	
Sample ID:	CR31	Building 7, 3rd Floor
	<u>Colony Forming Units</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	45	530
<i>Mucor sp.</i>	17	200
<i>Fusarium sp.</i>	4	47
<i>Acremonium sp.</i>	3	35

The total colony forming units per cubic meter is 812.

The minimum reporting limit associated with the quantification of concentrations for a bacterial culture is 25 CFUs and 10 CFUs for a fungal culture. When microbial growth is present but below the minimum reporting limit, any observed growth shall be reported, even though there are too few colonies to calculate an accurate concentration. *In general, 25 to 250 bacterial colonies and 10 to 60 fungal colonies are considered optimal for accurate counting and identification of CFU's on standard 100-mm plates" (Bioaerosols: Assessment and Control, Macher, J.).



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Sample Number:	WS092908-1-4	
Sample ID:	CR30	Building 7, 2nd Floor
	<u>Colony Forming Units</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	39	459
<i>Fusarium sp.</i>	30	353
<i>Tricoderma</i>	1	12

The total colony forming units per cubic meter is 824.

Sample Number:	WS092908-1-5	
Sample ID:	CR29	Building 7, Outside
	<u>Colony Forming Units</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	40	471
<i>Fusarium sp.</i>	19	224
<i>Curvularia sp.</i>	1	12
<i>Ulocladium sp.</i>	3	35
<i>Eppicoccum sp.</i>	7	82

The total colony forming units per cubic meter is 824.

Sample Number:	WS092908-1-6	
Sample ID:	CR28	Building 7, 1st Floor
	<u>Colony Forming Units</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	34	400
<i>Fusarium sp.</i>	17	200
<i>Mucor sp.</i>	2	24
<i>Penicillium sp.</i>	1	12

The total colony forming units per cubic meter is 636.

The minimum reporting limit associated with the quantification of concentrations for a bacterial culture is 25 CFUs and 10 CFUs for a fungal culture. When microbial growth is present but below the minimum reporting limit, any observed growth shall be reported, even though there are too few colonies to calculate an accurate concentration. **In general, 25 to 250 bacterial colonies and 10 to 60 fungal colonies are considered optimal for accurate counting and identification of CFU's on standard 100-mm plates" (Bioaerosols: Assessment and Control, Macher, J.).

