

Prestige EnviroMicrobiology, Inc

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Analytical Test Report

Client: Proac Corp. 8401 South Lancaster Ave, Bethel, PA 19507

Client Project: SESD East Middle School

Sample date: 9-26-2012

Submittal date: 9-27-2012

Date samples received: 9-28-2012

Date of inoculation: 9-26-2012 (Andersen)

Samples submitted by: Walt Saunders

Date analysis completed: October 5, 2012

Prestige Report number: 120928-01

Culture Method (P022): Culture Analysis of Andersen Samples for Airborne Bacteria

Prestige # Client sample ID Location	Air vol. (m ³)	Media used	Bacterial Identification	Colony counts	CFU/ m ³	Percentage
120928-01-024 Out #24 Outside #1	0.1132	TSA	gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> sp.	6 11 25 1	53 97 220 9 Total 380	14% 26% 58% 2%
120928-01-025 25 Rm 126	0.1132	TSA	<i>Bacillus</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	2 8 6 87 9	18 71 53 770 80 Total 990	2% 7% 5% 78% 8%
120928-01-026 26 Rm 124	0.1132	TSA	actinomycetes <i>Bacillus</i> sp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 1 11 2 106 6	9 9 97 18 940 53 Total 1,100	1% 1% 9% 2% 83% 5%
120928-01-027 27 Office Area	0.1132	TSA	actinomycetes <i>Bacillus</i> sp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	2 1 6 5 91 3	18 9 53 44 800 27 Total 950	2% 1% 6% 5% 84% 3%
120928-01-028 28 Cafeteria	0.1132	TSA	actinomycetes <i>Bacillus</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> sp.	2 2 5 3 63 1	18 18 44 27 560 9 Total 680	3% 3% 7% 4% 83% 1%

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120928-01-029 29 Outside #2	0.1132	TSA	<i>Bacillus</i> sp. <i>Flavobacterium</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i>	1 2 3 4 2	9 18 27 35 18 Total 110	8% 17% 25% 33% 17%
120928-01-030 30 Weight Rm	0.1132	TSA	<i>Bacillus</i> sp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 4 2 47 9	9 35 18 420 80 Total 560	2% 6% 3% 75% 14%
120928-01-031 31 Wrestle Room	0.1132	TSA	gram (-) bacteria <i>Micrococcus luteus</i> <i>Micrococcus roseus</i>	1 9 1	9 80 9 Total 98	9% 82% 9%
120928-01-032 32 Boys Training Rm	0.1132	TSA	actinomycetes <i>Bacillus</i> spp. <i>Flavobacterium</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	3 1 12 2 2 82 4	27 9 110 18 18 720 35 Total 940	3% 1% 11% 2% 2% 77% 4%
120928-01-033 33 Boys Locker Rm	0.1132	TSA	<i>Bacillus</i> sp. <i>Flavobacterium</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 4 2 2 87 5	9 35 18 18 770 44 Total 890	1% 4% 2% 2% 86% 5%
120928-01-034 34 Library Office	0.1132	TSA	actinomycetes <i>Flavobacterium</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> sp.	1 3 6 2 69 1	9 27 53 18 610 9 Total 730	1% 4% 7% 2% 84% 1%
120928-01-035 35 Girls Locker Rm	0.1132	TSA	actinomycetes gram (-) bacteria <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	4 6 23 3	35 53 200 27 Total 320	11% 17% 64% 8%
120928-01-036 36 Girls Team Rm	0.1132	TSA	actinomycetes <i>Bacillus</i> sp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 1 5 2 62 2	9 9 44 18 550 18 Total 650	1% 1% 7% 3% 85% 3%

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120928-01-037 37 Library	0.1132	TSA	actinomycetes gram (-) bacteria <i>Methylobacterium</i> sp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 2 1 34 5	9 18 9 300 44	2% 5% 2% 79% 12%
					Total 380	
120928-01-038 38 Outside #3	0.1132	TSA	<i>Bacillus</i> sp. <i>Flavobacterium</i> sp. gram (-) bacteria <i>Micrococcus luteus</i>	1 1 1 6	9 9 9 53	11% 11% 11% 67%
					Total 80	
120928-01-039 39 Rm 135	0.1132	TSA	<i>Flavobacterium</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	4 3 4 71 2	35 27 35 630 18	5% 4% 5% 85% 2%
					Total 750	
120928-01-040 40 Rm 137	0.1132	TSA	<i>Bacillus</i> sp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 2 3 42 6	9 18 27 370 53	2% 4% 6% 78% 11%
					Total 480	
120928-01-041 41 Outside #4	0.1132	TSA	<i>Bacillus</i> sp. gram (-) bacteria <i>Methylobacterium</i> sp. <i>Micrococcus luteus</i>	1 3 1 4	9 27 9 35	11% 33% 11% 44%
					Total 80	
120928-01-042 42 Rm 224	0.1132	TSA	<i>Bacillus</i> spp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	3 5 2 38 9	27 44 18 340 80	5% 9% 4% 67% 16%
					Total 510	
120928-01-043 43 Rm 222	0.1132	TSA	<i>Flavobacterium</i> sp. gram (-) bacteria <i>Methylobacterium</i> spp. <i>Micrococcus luteus</i> <i>Staphylococcus</i> spp.	1 4 2 53 2	9 35 18 470 18	2% 6% 3% 85% 3%
					Total 550	
120928-01-044 44 Gym 1	0.1132	TSA	gram (-) bacteria <i>Micrococcus luteus</i>	1 1	9 9	50% 50%
					Total 18	
120928-01-045 45 Gym 2	0.1132	TSA	actinomycetes <i>Bacillus</i> sp. <i>Flavobacterium</i> spp. <i>Micrococcus luteus</i>	1 1 2 8	9 9 18 71	8% 8% 17% 67%
					Total 110	
120928-01-046 46 Outside #5	0.1132	TSA	<i>Bacillus</i> spp. gram (-) bacteria <i>Micrococcus luteus</i> <i>Staphylococcus</i> sp.	24 1 2 1	210 9 18 9	86% 4% 7% 4%
					Total 250	

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Report approved: 
Theresa Lehman, MPH, Lab Director

Quality control check: 
Chin S Yang, Ph.D.

Report review: 

1. The samples in this report were received in good, acceptable conditions. Results relate only to the items tested.
2. Percentage is for each group in total population.
3. Concentrations and percentages are rounded to the nearest two significant digits. Total percentage may not add up to 100% due to rounding.
4. TSA = tryptic soy agar.
5. All culture samples are incubated at $25\pm 0.5^{\circ}\text{C}$ unless otherwise indicated.
6. The detection limit of this analysis is one bacterial colony. The quantitation limits vary from analysis to analysis and by air volume. Contact us to determine your quantitation limits.