

Client: NIOSH
 C/O: Dr. Ju-Hyeong Park
 Re: Bennington, VT Study

Date of Submittal: 07-05-2007
 Date of Receipt: 07-05-2007
 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	12		15	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346969-1		1346902-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 430	30	1,200
Room temperature actinomycetes	10	430	< 10	< 400
Thermophilic actinomycetes	< 10	< 430	40	1,600
TOTAL CFU**/unit		430		2,800
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.023		0.025	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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Date of Submittal: 07-05-2007
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SURFACE CULTURE BACTERIA REPORT

Location:	16		19	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346903-1		1346904-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 340	< 10	< 310
Room temperature actinomycetes	< 10	< 340	< 10	< 310
Thermophilic actinomycetes	40	1,400	10	310
TOTAL CFU**/unit		1,400		310
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.029		0.032	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	20		21	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346905-1		1346906-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 380	< 10	< 420
Room temperature actinomycetes	< 10	< 380	< 10	< 420
Thermophilic actinomycetes	< 10	< 380	10	420
TOTAL CFU**/unit		< 380		420
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.026		0.024	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	23		24	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346907-1		1346908-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 400	< 10	< 370
Room temperature actinomycetes	< 10	< 400	< 10	< 370
Thermophilic actinomycetes	20	800	10	370
TOTAL CFU**/unit		800		370
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.025		0.027	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	25		36	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346909-1		1346910-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 320	< 10	< 310
Room temperature actinomycetes	< 10	< 320	< 10	< 310
Thermophilic actinomycetes	< 10	< 320	10	310
TOTAL CFU**/unit		< 320		310
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.031		0.032	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	37		38	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346911-1		1346912-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 330	< 10	< 330
Room temperature actinomycetes	< 10	< 330	< 10	< 330
Thermophilic actinomycetes	100	3,300	40	1,300
TOTAL CFU**/unit		3,300		1,300
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.03		0.03	
Unit	1 gram		1 gram	

Comments:

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SURFACE CULTURE BACTERIA REPORT

Location:	42		44	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346913-1		1346914-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 200	< 10	< 430
Room temperature actinomycetes	< 10	< 200	< 10	< 430
Thermophilic actinomycetes	40	800	30	1,300
TOTAL CFU**/unit		800		1,300
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.05		0.023	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	45		46	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346915-1		1346916-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	80	3,800	< 10	< 450
Room temperature actinomycetes	< 10	< 480	< 10	< 450
Thermophilic actinomycetes	50	2,400	600	27,000
TOTAL CFU**/unit		6,200		27,000
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.021		0.022	
Unit	1 gram		1 gram	

Comments:

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SURFACE CULTURE BACTERIA REPORT

Location:	49		50	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346917-1		1346918-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	30	1,100	10	340
Room temperature actinomycetes	< 10	< 360	< 10	< 340
Thermophilic actinomycetes	< 10	< 360	200	6,900
TOTAL CFU**/unit		1,100		7,240
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.028		0.029	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	51		52	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346919-1		1346920-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	480	30	880
Room temperature actinomycetes	< 10	< 480	< 10	< 290
Thermophilic actinomycetes	40	1,900	40	1,200
TOTAL CFU**/unit		2,380		2,080
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.021		0.034	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	53		54	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346921-1		1346922-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 480	< 10	< 360
Room temperature actinomycetes	< 10	< 480	< 10	< 360
Thermophilic actinomycetes	40	1,900	40	1,400
TOTAL CFU**/unit		1,900		1,400
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.021		0.028	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	55		57	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346923-1		1346924-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 300	< 10	< 430
Room temperature actinomycetes	< 10	< 300	< 10	< 430
Thermophilic actinomycetes	< 10	< 300	100	4,300
TOTAL CFU**/unit		< 300		4,300
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.033		0.023	
Unit	1 gram		1 gram	

Comments:

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SURFACE CULTURE BACTERIA REPORT

Location:	58		59	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346925-1		1346926-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	290	< 10	< 260
Room temperature actinomycetes	< 10	< 290	< 10	< 260
Thermophilic actinomycetes	< 10	< 290	40	1,100
TOTAL CFU**/unit		290		1,100
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.034		0.038	
Unit	1 gram		1 gram	

Comments:

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** cfu = colony forming units

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SURFACE CULTURE BACTERIA REPORT

Location:	60		64	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346927-1		1346928-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 330	100	2,600
Room temperature actinomycetes	< 10	< 330	< 10	< 260
Thermophilic actinomycetes	500	17,000	70	1,800
TOTAL CFU**/unit		17,000		4,400
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.03		0.038	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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Client: NIOSH
 C/O: Dr. Ju-Hyeong Park
 Re: Bennington, VT Study

Date of Submittal: 07-05-2007
 Date of Receipt: 07-05-2007
 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	65		66	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346929-1		1346930-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 430	10	340
Room temperature actinomycetes	< 10	< 430	< 10	< 340
Thermophilic actinomycetes	30	1,300	< 10	< 340
TOTAL CFU**/unit		1,300		340
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.023		0.029	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

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** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	68		76	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346931-1		1346932-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	20	450	< 10	< 240
Room temperature actinomycetes	< 10	< 230	< 10	< 240
Thermophilic actinomycetes	< 10	< 230	70	1,700
TOTAL CFU**/unit		450		1,700
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.044		0.042	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	77		79	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346933-1		1346934-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 300	< 10	< 430
Room temperature actinomycetes	10	300	< 10	< 430
Thermophilic actinomycetes	< 10	< 300	300	13,000
TOTAL CFU**/unit		300		13,000
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.033		0.023	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	84		87	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346935-1		1346936-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	230	< 10	< 240
Room temperature actinomycetes	< 10	< 230	< 10	< 240
Thermophilic actinomycetes	210	4,800	< 10	< 240
TOTAL CFU**/unit		5,030		< 240
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.044		0.042	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	88		89	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346937-1		1346938-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 260	< 10	< 300
Room temperature actinomycetes	< 10	< 260	< 10	< 300
Thermophilic actinomycetes	60	1,600	40	1,200
TOTAL CFU**/unit		1,600		1,200
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.038		0.033	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

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** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	90		91	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346939-1		1346940-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 500	< 10	< 500
Room temperature actinomycetes	< 10	< 500	< 10	< 500
Thermophilic actinomycetes	10	500	< 10	< 500
TOTAL CFU**/unit		500		< 500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.02		0.02	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	92		93	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346941-1		1346942-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 500	< 10	< 500
Room temperature actinomycetes	< 10	< 500	< 10	< 500
Thermophilic actinomycetes	< 10	< 500	10	500
TOTAL CFU**/unit		< 500		500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.02		0.02	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

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** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	94		96	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346943-1		1346944-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 230	< 10	< 500
Room temperature actinomycetes	10	230	< 10	< 500
Thermophilic actinomycetes	140	3,200	60	3,000
TOTAL CFU**/unit		3,430		3,000
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.044		0.02	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	97		98	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346945-1		1346946-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 320	< 10	< 500
Room temperature actinomycetes	< 10	< 320	< 10	< 500
Thermophilic actinomycetes	900	29,000	< 10	< 500
TOTAL CFU**/unit		29,000		< 500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.031		0.02	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

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** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	100		111	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346947-1		1346948-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 360	40	2,000
Room temperature actinomycetes	< 10	< 360	< 10	< 500
Thermophilic actinomycetes	80	2,900	30	1,500
TOTAL CFU**/unit		2,900		3,500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.028		0.02	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	112		113	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346949-1		1346950-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 380	< 10	< 450
Room temperature actinomycetes	< 10	< 380	< 10	< 450
Thermophilic actinomycetes	< 10	< 380	50	2,300
TOTAL CFU**/unit		< 380		2,300
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.026		0.022	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	114		118	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346951-1		1346952-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 330	< 10	< 320
Room temperature actinomycetes	< 10	< 330	< 10	< 320
Thermophilic actinomycetes	30	1,000	10	320
TOTAL CFU**/unit		1,000		320
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.03		0.031	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	120		121	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346953-1		1346954-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	420	10	310
Room temperature actinomycetes	< 10	< 420	< 10	< 310
Thermophilic actinomycetes	40	1,700	< 10	< 310
TOTAL CFU**/unit		2,120		310
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.024		0.032	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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Client: NIOSH
 C/O: Dr. Ju-Hyeong Park
 Re: Bennington, VT Study

Date of Submittal: 07-05-2007
 Date of Receipt: 07-05-2007
 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	122		139	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346955-1		1346956-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 210	< 10	< 220
Room temperature actinomycetes	< 10	< 210	< 10	< 220
Thermophilic actinomycetes	50	1,100	20	440
TOTAL CFU**/unit		1,100		440
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.047		0.045	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	140		141	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346957-1		1346958-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 340	100	3,200
Room temperature actinomycetes	< 10	< 340	< 10	< 320
Thermophilic actinomycetes	60	2,100	70	2,300
TOTAL CFU**/unit		2,100		5,500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.029		0.031	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	142		205	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346959-1		1346960-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 450	< 10	< 310
Room temperature actinomycetes	< 10	< 450	< 10	< 310
Thermophilic actinomycetes	70	3,200	< 10	< 310
TOTAL CFU**/unit		3,200		< 310
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.022		0.032	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	206		211	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346961-1		1346962-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 340	< 10	< 330
Room temperature actinomycetes	< 10	< 340	10	330
Thermophilic actinomycetes	< 10	< 340	70	2,300
TOTAL CFU**/unit		< 340		2,630
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.029		0.03	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	214		215	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346963-1		1346964-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	200	8,700	< 10	< 370
Room temperature actinomycetes	200	8,700	< 10	< 370
Thermophilic actinomycetes	60	2,600	60	2,200
TOTAL CFU**/unit		20,000		2,200
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.023		0.027	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	217		218	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346965-1		1346966-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 300	< 10	< 400
Room temperature actinomycetes	< 10	< 300	100	4,000
Thermophilic actinomycetes	10	300	10	400
TOTAL CFU**/unit		300		4,400
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.033		0.025	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	226		236	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346967-1		1346968-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 380	10	500
Room temperature actinomycetes	< 10	< 380	< 10	< 500
Thermophilic actinomycetes	10	380	40	2,000
TOTAL CFU**/unit		380		2,500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.026		0.02	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	237		241	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346862-1		1346863-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 370	< 10	< 280
Room temperature actinomycetes	10	370	< 10	< 280
Thermophilic actinomycetes	50	1,900	< 10	< 280
TOTAL CFU**/unit		2,270		< 280
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.027		0.036	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	242		248	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346864-1		1346865-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 500	< 10	< 360
Room temperature actinomycetes	< 10	< 500	< 10	< 360
Thermophilic actinomycetes	90	4,500	30	1,100
TOTAL CFU**/unit		4,500		1,100
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.02		0.028	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	306		307	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346866-1		1346867-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	70	1,600	20	710
Room temperature actinomycetes	20	450	< 10	< 360
Thermophilic actinomycetes	< 10	< 230	30	1,100
TOTAL CFU**/unit		2,050		1,810
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.044		0.028	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	308		309	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346868-1		1346869-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	340	< 10	< 420
Room temperature actinomycetes	< 10	< 340	< 10	< 420
Thermophilic actinomycetes	30	1,000	< 10	< 420
TOTAL CFU**/unit		1,340		< 420
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.029		0.024	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	310		311	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346870-1		1346871-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 230	< 10	< 210
Room temperature actinomycetes	< 10	< 230	200	4,200
Thermophilic actinomycetes	< 10	< 230	10	210
TOTAL CFU**/unit		< 230		4,410
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.044		0.048	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	312		313	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346872-1		1346873-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	290	40	1,200
Room temperature actinomycetes	100	2,900	< 10	< 290
Thermophilic actinomycetes	10	290	< 10	< 290
TOTAL CFU**/unit		3,480		1,200
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.034		0.034	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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Client: NIOSH
 C/O: Dr. Ju-Hyeong Park
 Re: Bennington, VT Study

Date of Submittal: 07-05-2007
 Date of Receipt: 07-05-2007
 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	314		315	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346874-1		1346875-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	240	10	290
Room temperature actinomycetes	< 10	< 240	20	590
Thermophilic actinomycetes	< 10	< 240	< 10	< 290
TOTAL CFU**/unit		240		880
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.041		0.034	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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Date of Submittal: 07-05-2007
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 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	316		317	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346876-1		1346877-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 240	10	330
Room temperature actinomycetes	10	240	80	2,700
Thermophilic actinomycetes	20	490	10	330
TOTAL CFU**/unit		730		3,360
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.041		0.03	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	318		320	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346878-1		1346879-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 360	< 10	< 270
Room temperature actinomycetes	< 10	< 360	< 10	< 270
Thermophilic actinomycetes	20	710	< 10	< 270
TOTAL CFU**/unit		710		< 270
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.028		0.037	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	321		322	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346880-1		1346881-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 340	< 10	< 270
Room temperature actinomycetes	< 10	< 340	< 10	< 270
Thermophilic actinomycetes	10	340	< 10	< 270
TOTAL CFU**/unit		340		< 270
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.029		0.037	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	323		325	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346882-1		1346883-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 450	< 10	< 380
Room temperature actinomycetes	< 10	< 450	< 10	< 380
Thermophilic actinomycetes	20	910	< 10	< 380
TOTAL CFU**/unit		910		< 380
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.022		0.026	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	326		327	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346884-1		1346885-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 430	< 10	< 420
Room temperature actinomycetes	< 10	< 430	60	2,500
Thermophilic actinomycetes	20	870	< 10	< 420
TOTAL CFU**/unit		870		2,500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.023		0.024	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	335		343	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346886-1		1346887-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 210	60	1,900
Room temperature actinomycetes	< 10	< 210	400	13,000
Thermophilic actinomycetes	50	1,100	50	1,600
TOTAL CFU**/unit		1,100		16,500
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.047		0.032	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	348		350	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346888-1		1346889-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 220	< 10	< 300
Room temperature actinomycetes	180	4,000	30	910
Thermophilic actinomycetes	70	1,600	100	3,000
TOTAL CFU**/unit		5,600		3,910
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.045		0.033	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	351		353	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346890-1		1346891-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 320	< 10	< 220
Room temperature actinomycetes	< 10	< 320	< 10	< 220
Thermophilic actinomycetes	< 10	< 320	< 10	< 220
TOTAL CFU**/unit		< 320		< 220
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.031		0.045	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	356A		356B	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346892-1		1346893-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 340	< 10	< 420
Room temperature actinomycetes	< 10	< 340	< 10	< 420
Thermophilic actinomycetes	< 10	< 340	10	420
TOTAL CFU**/unit		< 340		420
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.029		0.024	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	400		401	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346894-1		1346895-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 290	< 10	< 400
Room temperature actinomycetes	< 10	< 290	< 10	< 400
Thermophilic actinomycetes	10	290	< 10	< 400
TOTAL CFU**/unit		290		< 400
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.035		0.025	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	402		403	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346896-1		1346897-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	150	3,400	< 10	< 210
Room temperature actinomycetes	< 10	< 230	< 10	< 210
Thermophilic actinomycetes	< 10	< 230	< 10	< 210
TOTAL CFU**/unit		3,400		< 210
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.044		0.048	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	404		405	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346898-1		1346899-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 310	< 10	< 340
Room temperature actinomycetes	< 10	< 310	< 10	< 340
Thermophilic actinomycetes	30	940	< 10	< 340
TOTAL CFU**/unit		940		< 340
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.032		0.029	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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 C/O: Dr. Ju-Hyeong Park
 Re: Bennington, VT Study

Date of Submittal: 07-05-2007
 Date of Receipt: 07-05-2007
 Date of Report: 10-22-2007

SURFACE CULTURE BACTERIA REPORT

Location:	406		407	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346900-1		1346901-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	240	< 10	< 480
Room temperature actinomycetes	< 10	< 240	< 10	< 480
Thermophilic actinomycetes	< 10	< 240	< 10	< 480
TOTAL CFU**/unit		240		< 480
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.042		0.021	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	408		409	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346861-1		1346860-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 280	< 10	< 360
Room temperature actinomycetes	< 10	< 280	< 10	< 360
Thermophilic actinomycetes	< 10	< 280	< 10	< 360
TOTAL CFU**/unit		< 280		< 360
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.036		0.028	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	410		411	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346859-1		1346858-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 240	20	800
Room temperature actinomycetes	< 10	< 240	< 10	< 400
Thermophilic actinomycetes	< 10	< 240	< 10	< 400
TOTAL CFU**/unit		< 240		800
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.041		0.025	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	412		413	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346857-1		1346856-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 420	10	360
Room temperature actinomycetes	< 10	< 420	< 10	< 360
Thermophilic actinomycetes	< 10	< 420	< 10	< 360
TOTAL CFU**/unit		< 420		360
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.024		0.028	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	414		415	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346855-1		1346854-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	10	400	< 10	< 430
Room temperature actinomycetes	< 10	< 400	< 10	< 430
Thermophilic actinomycetes	< 10	< 400	< 10	< 430
TOTAL CFU**/unit		400		< 430
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.025		0.023	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.
 * Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	416		417	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346853-1		1346852-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 450	< 10	< 400
Room temperature actinomycetes	< 10	< 450	< 10	< 400
Thermophilic actinomycetes	< 10	< 450	< 10	< 400
TOTAL CFU**/unit		< 450		< 400
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.022		0.025	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu /0.025 grams = 400cfu/gram).

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SURFACE CULTURE BACTERIA REPORT

Location:	418		419	
Comments (see below)	None		None	
Sample type	Dust sample		Dust sample	
Lab ID-Version‡:	1346851-1		1346850-1	
	sample ct.*	cfu**/unit	sample ct.*	cfu**/unit
Mesophilic actinomycetes	< 10	< 310	< 10	< 270
Room temperature actinomycetes	< 10	< 310	< 10	< 270
Thermophilic actinomycetes	80	2,500	< 10	< 270
TOTAL CFU**/unit		2,500		< 270
Dilutions††	1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000		1:10, 1:100, 1:1,000, 1:10,000 & 1:100,000	
Media used	TSA w/blood		TSA w/blood	
Sample size	0.032		0.037	
Unit	1 gram		1 gram	

Comments:

When detected, the minimum detection and reporting limit is a colony count of 1 at the lowest dilution plated.

* Sample count represents the number of colonies that would have grown if the entire selected sample were plated out.

** cfu = colony forming units

†† Sensitivity depends largely upon the dilutions used and the sample size (weight, area, etc.) of the sample. For example, if one colony grew from a 1:10 dilution, then it would represent 10 colonies. If the sample weight were 0.025 grams, this would then represent 400 cfu/gram (10 cfu / 0.025 grams = 400cfu/gram).

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