



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

May 1, 2006

Mr. Todd Franssen, President
Franssen Enterprises
P.O. Box 386
Dacono, Colorado 80514-0386

Dear Mr. Franssen:

Although we have not yet received the complete set of data, we have received the plate counts analysis.

For this particular section of the testing protocol, we used the American Concrete Cleaner (ACC) which contained two levels of fertilizer; 1) zero additional fertilizer and 2) two grams of fertilizer.

Each 150 g sample was added to a large, clean 1,000 cm³ container fitted with a lid. To each sample the laboratory blended in 350 g of “contaminated” test soil and 100 ml of deionized water. The preparation was thoroughly mixed. The mixture was allowed to rest in the container with the lid fitted loosely over the container. Once per day, for 15 days, the mixture was opened briefly to vent VOCs and other bioeffluents, then the container was tumbled to thoroughly mix, and again allowed to rest with the lid fitted loosely over the container.

At the end of the 15 days, the laboratory performed plate counts on the two sample materials.

Since we anticipated that the plate counts would exhibit a lognormal distribution, we asked the laboratory to repeat the analysis ten times for each of the two mixtures.

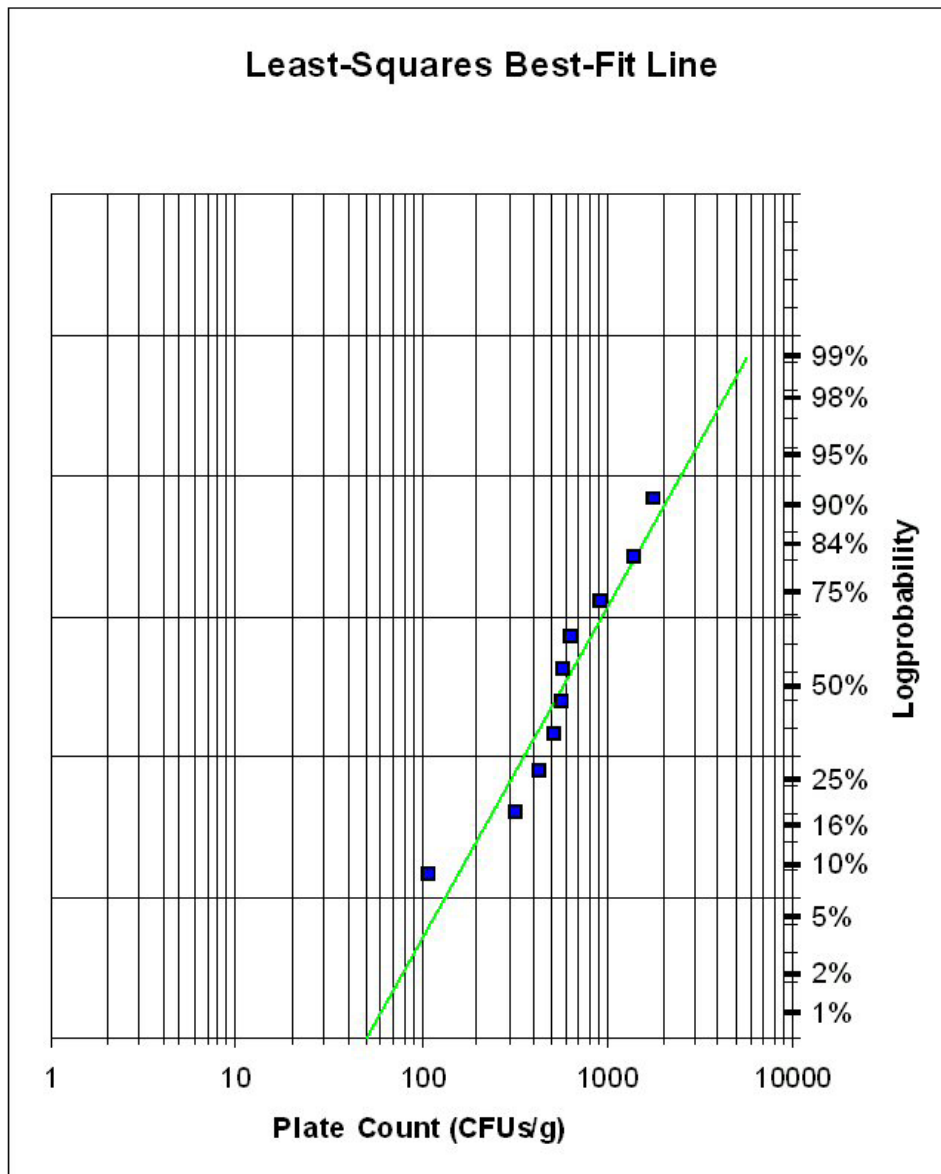
The results indicate that the soil/product mixture that contained no fertilizer continued to support microbial activity, while the product mixture that contained 2g of fertilizer did not show appreciable viable microbes at the end of the fifteen days.

The mixture with no fertilizer exhibited the expected lognormal distribution of counts. That is, the counts appeared to be highly variable, but, when taken as an whole data set, the precision was quite good. The “goodness of fit” (called the W-statistic) is exhibited by the “closeness of the data points on the inclined line. The results are presented below.

Summary of Results

ACC (With zero g Fertilizer)

Sample ID	Fertilizer (g)	Product Weight (g)	Contaminated Soil Weight (g)	CFUs/g
0703207007-01A	0	150	350	330
0703207007-01B	0	150	350	1400
0703207007-01C	0	150	350	440
0703207007-01D	0	150	350	1800
0703207007-01E	0	150	350	640
0703207007-01F	0	150	350	590
0703207007-01G	0	150	350	530
0703207007-01H	0	150	350	110
0703207007-01I	0	150	350	570
0703207007-01J	0	150	350	930
MVUE (Log-"average")				756



Problog for ACC at 0g Fertilizer



ACC (With 2g Fertilizer)

Sample ID	Fertilizer (g)	Product Weight (g)	Contaminated Soil Weight (g)	CFUs/g
0703207007-02A	2	150	350	BDL
0703207007-02B	2	150	350	10
0703207007-02C	2	150	350	20
0703207007-02D	2	150	350	BDL
0703207007-02E	2	150	350	10
0703207007-02F	2	150	350	BDL
0703207007-02G	2	150	350	BDL
0703207007-02H	2	150	350	BDL
0703207007-02I	2	150	350	BDL
0703207007-02J	2	150	350	BDL

BDL= indicated the count was "Below Detection Limit" i.e. – no appreciable microbial viability.

Initial Observations

Each soil type, and each contaminant profile will alter the viability of the organisms. Although in this small dataset, the product with 2g of fertilizer did not have an appreciable viable microbial loading, the results are indicative exclusively for this particular soil/product mix.

Under other contamination profiles, 2g of fertilizer may be optimal and the material with no added fertilizer may be deficient. Each soil/contaminant profile should be evaluated independently to determine the best formulation.

I hope this interim report provides you with the information you need.

If you have any questions, please do not hesitate to contact us.

Sincerely,



Caoimhín P. Connell
Forensic Industrial Hygienist





Industrial LABORATORIES

Industrial Laboratories is your Independent,
third party analytical testing laboratory

To: Forensic Applications Consulting Technologies, Inc
185 Bounty Hunter's Lane

Bailey CO 80421

Attn: Caoimhim Connell

TEST REPORT

FORENSICAPP

Date Received: 3/27/2007

Date Reported: 4/16/2007

PO Number:

Lab No.	Sample Description	Test Method	Result	Units	MDL	Analysis Date
070327007-01A	ACC-01 (Mixture A)	Preparation of Food	Complete			3/28/2007 AJ
070327007-01A	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	330	CFU/gram		3/27/2007 EK
070327007-01B	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	1400	CFU/gram		3/27/2007 EK
070327007-01C	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	440	CFU/gram		3/27/2007 EK
070327007-01D	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	1800	CFU/gram		3/27/2007 EK
070327007-01E	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	640	CFU/gram		3/27/2007 EK
070327007-01F	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	590	CFU/gram		3/27/2007 EK
070327007-01G	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	530	CFU/gram		3/27/2007 EK
070327007-01H	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	110	CFU/gram		3/27/2007 EK
070327007-01I	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	570	CFU/gram		3/27/2007 EK

* = Scope Analysis

= Subcontract Analysis

MDL = Method Detection Limit

ND = Not Detected at the Method Detection Limit

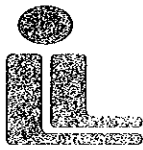
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Department Manager

4046 Youngfield St. • Wheat Ridge, Colorado 80033 • (303) 287-9691 • (303) 287-0964 Fax • www.industriallabs.net

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070327007-01J	ACC-01 (Mixture A)	Standard Plate Count BAM Ch 3	930	CFU/gram		3/27/2007 EK
070327007-02A	ACC-04 (Mixture B)	Preparation of Food	Complete			3/28/2007 AJ
070327007-02A	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	<10	CFU/gram		3/27/2007 EK
070327007-02B	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	10	CFU/gram		3/27/2007 EK
070327007-02C	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	20	CFU/gram		3/27/2007 EK
070327007-02D	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	<10	CFU/gram		3/27/2007 EK
070327007-02E	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	10	CFU/gram		3/27/2007 EK
070327007-02F	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	<10	CFU/gram		3/27/2007 EK
070327007-02G	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	<10	CFU/gram		3/27/2007 EK
070327007-02H	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	<10	CFU/gram		3/27/2007 EK

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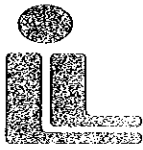
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070327007-02J	ACC-04 (Mixture B)	Standard Plate Count BAM Ch 3	<10	CFU/gram		3/27/2007 EK
070327007-03A	ACC-05	Preparation of Food	Complete			3/28/2007 AJ
070327007-04A	ACC-06	Preparation of Food	Complete			3/28/2007 AJ
070327007-05A	ACC-07	Preparation of Food	Complete			3/28/2007 AJ
070327007-06A	ACC-08	Preparation of Food	Complete			3/28/2007 AJ
070327007-07A	ACC-09	Preparation of Food	Complete			3/28/2007 AJ

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