



**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.**

**Final Verification Sampling and  
DECISION STATEMENT  
of an  
Identified Illegal Drug Laboratory  
at:**

**3183 Vaughn St.  
Aurora, CO**

Prepared for:

PRB Industries  
18089 E. Dorado Ave.  
Centennial, CO 80015

Prepared by:

**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.**  
185 Bounty Hunter's Lane  
Bailey, CO 80421

May 22, 2011

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## EXECUTIVE SUMMARY

On Thursday, December 30, 2010, Forensic Applications Consulting Technologies, Inc. (FACTs) performed a cursory methamphetamine contamination assessment at 3183 Vaughn Street, Aurora, CO (the subject property). The testing confirmed the presence of methamphetamine contamination at the property. FACTs also observed widespread presence of a marijuana grow at the residence. On January 10, 2010, FACTs issued a written report of the cursory testing.

From January 13, 2011 to January 18, 2011, personnel from FACTs performed a State mandated Preliminary Assessment (PA) which was issued on January 28, 2011.

Between January 28, 2011 and April 22, 2011, authorized remediation activities were conducted at the subject property by Crystal Clean Decontamination LLC (the remediator).

On April 22, 2011, FACTs performed post mitigation sampling pursuant to State Regulations, and determined that the property was not compliant and additional cleaning was required in several areas.

Between April 22, 2011 and May 5, 2011 Crystal Clean Decontamination LLC performed additional cleaning.

On May 5, 2011, FACTs performed post mitigation sampling pursuant to State Regulations. Based on the analytical results of the objective sampling, and based on our observations, and based on the totality of the circumstances, FACTs concludes that insufficient information exists to support the hypothesis that any area in the property is noncompliant.

Therefore, pursuant to State Board of Health Regulations, FACTs accepts the null hypothesis, and is required by State Regulation to issue this **DECISION STATEMENT** and hereby declares the subject property compliant with CRS 25-18.5-103 (2).

FACTs makes the recommendation to the Governing Body for this subject property to allow immediate reoccupancy of the subject property without further action.

## REGULATORY REQUIREMENTS

### ***Federal Requirements***

All work performed by FACTs was consistent with OSHA regulations. The Remediation Contractor was responsible for ensuring their own compliance with OSHA. FACTs has no firsthand knowledge of the remediator's actions, activities or procedures at the subject property. However, FACTs is not aware of any violations of OSHA regulations during this project.



## State Requirements

The Colorado State Board Of Health *Regulations Pertaining to the Cleanup of Methamphetamine Laboratories* (6-CCR 1014-3) become applicable when an owner of a property has received notification from a peace officer that chemicals, equipment, or supplies indicative of a drug laboratory are located at the property or when a drug laboratory is otherwise discovered and the owner of the property where the drug laboratory is located has received notice. Whenever a methlab has been so discovered, the property must be either demolished or documented as containing contaminant levels below statutory thresholds.<sup>1</sup>

After a property has been remediated, an Industrial Hygienist must test the hypothesis that the property is not compliant with State Statutes (i.e. the property contains contamination levels in excess of regulatory thresholds). As part of the hypothesis testing, the Industrial Hygienist must perform objective sampling to quantify the remaining contamination (if any).

If, based on the totality of the circumstances, the Industrial Hygienist finds insufficient evidence to support the hypothesis that any given area is noncompliant,<sup>2</sup> that area shall be deemed to be compliant with CRS §25-18.5-103 (2) and the Industrial Hygienist shall release the property.<sup>3</sup>

In order for a proper final declaration to be made, a final decontamination verification assessment must be performed by an Industrial Hygienist as defined in CRS §24-30-1402. For this subject property, decontamination verification was performed by Mr. Caoimhín P. Connell, Forensic Industrial Hygienist, who meets the statutory definition and is entitled to practice Industrial Hygiene in the State of Colorado and is additionally qualified to perform the necessary testing.

According to 6-CCR 1014-3, specific mandatory information must be presented in the final verification assessment. Included with this discussion, is a DVD which contains mandatory information. This Decision Statement is not complete without the DVD. Table 1, below, summarizes the mandatory information:

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<sup>1</sup> The actual contaminant thresholds will vary based on the type of activities identified at the lab; the actual statutory threshold is incumbent on the number of samples collected as a composite or discrete samples.

<sup>2</sup> No guarantee is ever made or implied that the property is completely free of contamination. Rather, a reasonable, standardized approach to decontamination is executed.

<sup>3</sup> If objective sampling data indicates contamination is less than the cleanup level, that data may be used as *prima facie* evidence that insufficient evidence exists to support the hypothesis that any given area is non-compliant.



| Mandatory<br>Final Documents<br>6-CCR1014-3 | DOCUMENTATION   | Included    |
|---|---|-------------|
| §8.1  | Property description field form   | Note 1      |
| §8.2  | Description of manufacturing methods and chemicals  | Note 1      |
| §8.3  | Law Enforcement documentation review discussion   | Note 1      |
| §8.4  | Description and Drawing of Storage area(s)  | Note 1      |
| §8.5  | Description and Drawing of Waste area(s)  | Note 1      |
| §8.6  | Description and Drawing of Cook area(s)   | Note 1      |
| §8.7  | Field Observations field form   | Note 1      |
|   | FACTs Functional space inventory field form   | Note 1      |
| §8.8  | Plumbing inspection field form  | Note 1      |
|   | FACTs ISDS field form   | Note 1      |
| §8.9  | Contamination migration field form  | Note 1      |
| §8.10                                       | Identification of common ventilation systems  | Note 1      |
| §8.11                                       | Description of the sampling procedures and QA/QC  | <i>Carl</i> |
| §8.12                                       | Analytical Description and Laboratory QA/QC   | <i>Carl</i> |
| §8.13                                       | Location and results of initial sampling with figures   | Note 1      |
| §8.14                                       | FACTs health and safety procedures in accordance with OSHA  | <i>Carl</i> |
| §8.15                                       | Contractor's description of decontamination procedures and each area that was decontaminated                    | <i>Carl</i> |
| §8.16                                       | Contractor's description of removal procedures each area where removal was conducted, and the materials removed | <i>Carl</i> |
| §8.17                                       | Contractor's description of encapsulation areas and materials   | <i>Carl</i> |
| §8.18                                       | Contractor's description of waste management procedures   | <i>Carl</i> |
| §8.19                                       | Drawing, location and results of final verification samples   | <i>Carl</i> |
| §8.20                                       | FACTs Pre-remediation photographs and log   | Note 2      |
|   | FACTs Post-remediation photographs and log  | <i>Carl</i> |
| §8.21                                       | FACTs SOQ   | <i>Carl</i> |
| §8.22                                       | Certification of procedures, results, and variations  | <i>Carl</i> |
| §8.23                                       | Mandatory Certification Language  | <i>Carl</i> |
| §8.24                                       | Signature Sheet   | <i>Carl</i> |
| NA  | Analytical Laboratory Reports   | <i>Carl</i> |
|   | FACTs final closeout inventory document   | <i>Carl</i> |
|   | FACTs Field Sampling Forms  | <i>Carl</i> |

Note 1: See the Preliminary Assessment dated January 28, 2011 (included with this Decision Statement on the DVD) and filed with the appropriate Governing Body.

Note 2: See attached DVD

**Table 1**  
**Inventory of Mandatory Final Information**



# VERIFICATION SAMPLING

## ***Inspection***

During the final inspection of 3183 Vaughn Street, Aurora, CO, FACTs did not observe any visual indicators that would support the primary hypothesis of noncompliance. However, on one occasion (April 22, 2011), the results of the post-mitigation sampling indicated noncompliance.

## ***Sample Collection***

During final verification sampling, exclusively wipe samples were collected from suitable surfaces at the subject property. All samples were collected by FACTs in a manner consistent with State Regulation 6-CCR 1014-3.

For this property, it was FACTs' professional opinion that, based on the totality of the circumstances, authoritative judgmental biased sampling within each functional space would be most appropriate.

Surfaces with a low intrinsic probability of contamination were excluded from consideration (e.g. windows, water basins or water catchment areas, faucets, etc.). Instead, FACTs selected areas that, based on our observations, had the highest probability of bearing contamination. Each sample area was then delineated with a measured outline and sampled.

## ***Wipe Samples***

The wipe sample medium was individually wrapped commercially available Johnson & Johnson™ gauze pads (FACTs Lot# G1006). Each pad was moistened with reagent grade methyl alcohol (FACTs Lot# A1001). Each gauze pad was prepared in a clean environment and inserted into an individually identified plastic centrifuge tube with a screw-cap.

Prior to the collection of each sample, the Industrial Hygienist donned fresh surgical gloves to prevent the possibility of cross-contamination.

Each wipe sample was collected by methodically wiping the entire surface of the selected area with moderate pressure; first in one direction and then in the opposite direction, folding the gauze to reveal fresh material as necessary. Each sample was returned to its centrifuge tube and capped with a screw-cap.

Samples were maintained in the control of FACTs at all times, and submitted under chain of custody to Analytical Chemistry, Inc. (ACI) of Tukwila, Washington. ACI is one of the laboratories identified in State regulation 6-CCR 1014-3 as being proficient in performing methamphetamine analysis.



## Sample Results

In the table below, we have presented the results of the final verification sampling.

| Sample ID   | Location – Functional Space                    | Surface Area cm2 | Result µg/100cm2 | Criteria | Status |
|-------------|--|------------------|------------------|----------|--------|
| VM042211-01 | Living room electrical conduit S wall          | 500              | 0.13             | 0.50     | PASS   |
| VM042211-02 | Dining room sliding glass door frame           | 500              | 1.83             | 0.50     | FAIL   |
| VM042211-03 | First floor bathroom NE corner of floor        | 500              | 0.02             | 0.50     | PASS   |
| VM042211-04 | NW Bedroom electrical conduit W wall           | 500              | 0.09             | 0.50     | PASS   |
| VM042211-05 | SW Bedroom electrical conduit W wall           | 500              | 0.13             | 0.50     | PASS   |
| VM042211-06 | SE Bedroom S wall window frame                 | 500              | 1.37             | 0.50     | FAIL   |
| VM042211-07 | Stairwell door frame                           | 500              | 0.09             | 0.50     | PASS   |
| VM042211-08 | Basement recreation room S central floor       | 500              | 0.05             | 0.50     | PASS   |
| VM042211-09 | Bsmnt SW BR electrical conduit central ceiling | 500              | 0.64             | 0.50     | FAIL   |
| VM042211-10 | Field Blank                                    | NA               | <0.029†          | 0.03†    | PASS   |
| VM042211-11 | Basement NE BR copper pipe in ceiling          | 521              | 1.02             | 0.50     | FAIL   |
| VM042211-12 | Laundry room SE quadrant of floor              | 500              | 0.15             | 0.50     | PASS   |
| VM042211-13 | Field Blank                                    | NA               | <0.029†          | 0.03†    | PASS   |
| VM042211-14 | Garage utility meter                           | 676              | 1.53             | 0.50     | FAIL   |
| VM042211-15 | Garage foyer top of sliding door jamb          | 512              | 0.37             | 0.50     | PASS   |
| VM042211-16 | Basement bathroom top of door jamb             | 500              | 0.56             | 0.50     | FAIL   |
| VM042211-17 | Basement utility room E ceiling copper pipe    | 521              | 4.41             | 0.50     | FAIL   |
| VM042211-18 | Attic cleats                                   | 490              | 0.20             | 0.50     | FLAG   |
| VM050511-01 | Field Blank                                    | NA               | <0.029†          | 0.03†    | PASS   |
| VM050511-02 | Living room window sill                        | 512              | 0.01             | 0.50     | PASS   |
| VM050511-03 | Kitchen window will                            | 525              | 0.06             | 0.50     | PASS   |
| VM050511-04 | Ground floor bathroom, top of ceramic tiles    | 500              | 0.03             | 0.50     | PASS   |
| VM050511-05 | Ground floor, NW Bedroom, N window sill        | 525              | 0.02             | 0.50     | PASS   |
| VM050511-06 | Ground floor, SW Bedroom, W window sill        | 525              | 0.04             | 0.50     | PASS   |
| VM050511-07 | Ground floor, SE Bedroom, window sill          | 525              | 0.02             | 0.50     | PASS   |
| VM050511-08 | Stairwell, stair riser                         | 512              | 0.04             | 0.50     | PASS   |
| VM050511-09 | Basement Recreation Room, window sill          | 500              | 0.02             | 0.50     | PASS   |
| VM050511-10 | Basement SW bedroom, floor VAT                 | 500              | 0.04             | 0.50     | PASS   |
| VM050511-11 | Basement NE bedroom, closet door frame         | 504              | 0.10             | 0.50     | PASS   |
| VM050511-12 | Field Blank                                    | NA               | <0.029†          | 0.03†    | PASS   |
| VM050511-13 | Basement laundry room, ceiling copper pipe     | 500              | 0.23             | 0.50     | PASS   |
| VM050511-14 | Basement bathroom, VAT under sink              | 510              | 0.04             | 0.50     | PASS   |
| VM050511-15 | Garage, back of garage door                    | 500              | 0.06             | 0.50     | PASS   |
| VM050511-16 | Garage foyer, W wall top of crown molding      | 510              | 0.20             | 0.50     | PASS   |
| VM050511-17 | Attic, metal cleats                            | 506              | 0.16             | 0.50     | PASS   |

†Absolute mass in µg

The symbol “<” indicates that the concentration was “less than” the reported value (detection limit).

**Table 2**  
**Summary of Final Sample Results**

In the above table, the date of the sample is identified in the sample identifier.

The “FLAG” designation indicates that some aspect of the sample needed to be discussed. In this case, since the area was recleaned and resampled, the sample was invalidated and no discussion is needed.



## Quality Assurance/Quality Control Precautions

### Field Blanks

For QA/QC purposes, and in accordance with State requirements, at least one field blank was submitted for every ten wipe samples. The field blanks were randomly selected from the sampling sequence and submitted along with the samples for methamphetamine analysis. To ensure the integrity of the blanks, FACTs personnel were unaware, until the actual time of sampling, which specific samples would be submitted as blanks. To ensure the integrity of the blanks, laboratory personnel were not informed which specific samples may have been blank.

### Field Duplicates

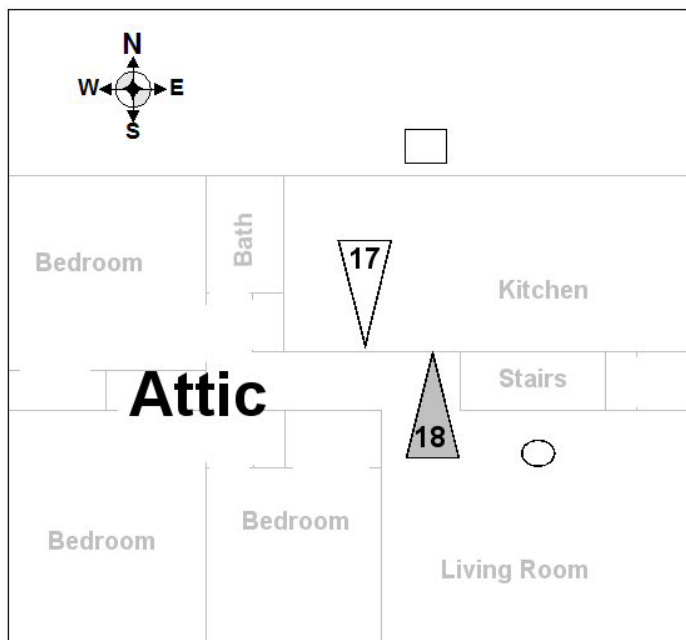
For the purposes of the data quality objectives associated with this final verification sampling, duplicates were not required, and none were collected.

### Cross Contamination

Prior to the collection of each specific sample area, the Industrial Hygienist donned fresh surgical gloves, to protect against the possibility of cross contamination. Prior to entering the property, the Industrial Hygienist donned a fresh disposable Tyvek suit. The ladder used during the sampling was decontaminated prior to entry into the property.

### Sample Locations

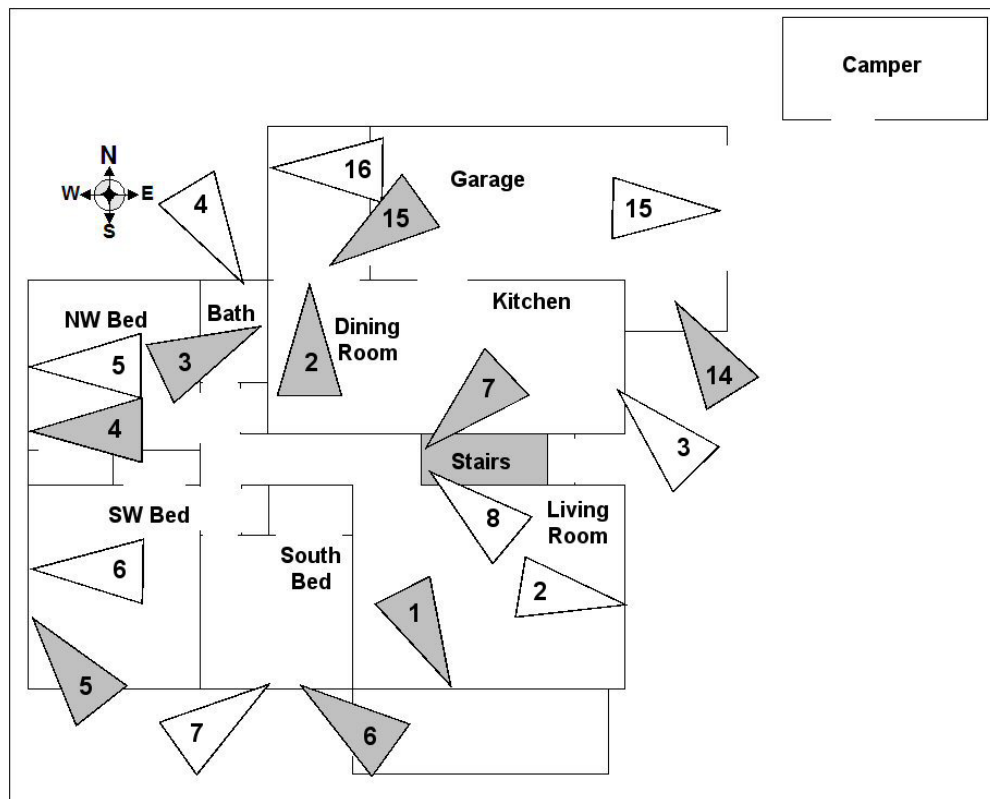
The drawing below identifies the location of each verification sample. In the following drawings, gray triangles represent the locations from the April 22, 2011 visit, the white triangles are the final verification sample locations.



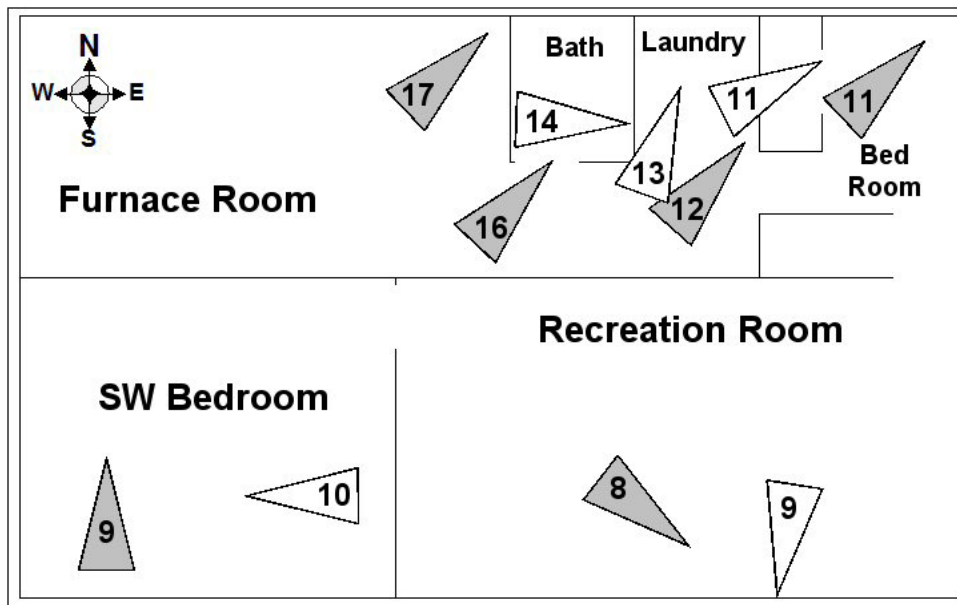
**Figure 1**  
**Final Verification Samples in Attic**







**Figure 2**  
**Locations of Final Verification Samples**  
**Ground Floor - Not To Scale**



**Figure 3**  
**Locations of Final Verification Samples**  
**Basement - Not To Scale**



## Quality Assurance / Quality Control

The following section is not intended to be understood by the casual reader; this mandatory QA/QC section is standard SW846 style QA/QC reporting. All abbreviations are standard laboratory use.

The initial post-mitigation sampling set was rejected in its entirety, and therefore, the QA/QC for that data set is not provided here.

### Final Verification

MDL was 0.004 µg; LOQ was 0.03 µg; MBX <MDL; LCS 0.1 µg (RPD 6%, recovery =106%); Matrix spike 0.02 µg (RPD 10%; recovery 90%); Matrix spike Dup is 0.02 µg (RPD <1%; recovery 100%); Surrogate recovery (all samples): High 96% (Sample 17), Low 89% (Samples 2 and 11); FACTs reagents: MeOH lot # A1001 <MDL for n=34; Gauze lot # G1006 <MDL for n=13.

The QA/QC indicate the data met the data quality objectives; and the results appear to exhibit negative bias (the concentrations of methamphetamine on the surfaces were probably slightly higher than reported).

## CONCLUSIONS

Diligent adherence to State regulations does not guarantee that a remediated property will be completely free of all residual methamphetamine. Rather, the purpose of the regulations is to ensure that properties are assessed and remediated in a consistent fashion, and that verification of remediation is performed in a scientifically valid manner.

In the absence of contradictory information, inaccessible places in the residence are presumed to contain *de minimis* methamphetamine residue. These residues are not considered to be toxicologically significant, and are not within the definition of “contamination” as defined by State regulation. Furthermore, these areas are reasonably considered to be “no-contact” or “low-contact” areas that do not present a reasonable probability of exposure.

Pursuant to the current state of knowledge, and pursuant to state regulations, “contaminant” is defined as “...a chemical residue that may present an immediate or long-term threat to human health and the environment.” The risk models<sup>4</sup> described in the supporting documentation for 6-CCR 1014-3, suggest that exposure to *de minimis* concentrations from these areas would not reasonably pose “an immediate or long-term

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<sup>4</sup> *Support For Selection Of A Cleanup Level For Methamphetamine At Clandestine Drug Laboratories*, Colorado Department Of Public Health And The Environment, February 2005



threat to human health and the environment” and, therefore, the presumed residues (if they exist) do not meet the definition of “contamination.”

In post-decontamination sampling, the hypothesis is made that the area is non-compliant, and data are collected to test the hypothesis. The lack of data supporting the hypothesis leads the Industrial Hygienist to accept the null hypothesis, and regulations require the Industrial Hygienist to thus conclude that the area is compliant.

In this case, there were no visual indicators that supported the hypothesis and the sampling failed to demonstrate that the subject property was non-compliant. As such, pursuant to 6-CCR 1014-3, we accept the null hypothesis and find the subject property at 3183 Vaughn St, Aurora Colorado, compliant as defined in 6-CCR 1014-3. We recommend the property be immediately released for occupancy.

To avail of the civil liability immunity provided by CRS §25-18.5-103(2) and to ensure complete compliance with State regulations, this Decision Statement must be submitted to the Governing Body with jurisdiction over the property. Based on the best information available, The Governing Body is;

Tri-County Health Department  
4201 E. 72nd Ave.  
Commerce City, CO 80022

FACTs has supplied a copy of this document, complete with all appendices and the digital disc, to the Governing Body via email and registered mail through the US Post Office.



## **APPENDIX A**

### **REMIATOR'S SUBMITTALS**

# Crystal Clean Decontamination, llc



*A meth lab clean-up and bio-recovery company*

2594 S. Wolff St. Denver CO. 80219

303.884.5489 direct 303.975.9972 fax

priley@crystalcleandecon.com

## Decontamination Summary per 6 CCR 1014-3

Re; 3183 Vaughn St, Aurora, CO.

Date; May 10, 2011

### *§8.15 Contractor's description of decontamination procedures and each area that was decontaminated.*

- All areas being decontaminated were contained under negative air pressure with HEPA filtration prior to and during the decontamination.
- Subject property consisted of three levels, a finished basement, main level and the attic. The attic was insulated with blown in insulation to a depth of 6"-8". The main level consisted of three bedrooms, one bath, one kitchen, one dining room, one living room, one foyer and a one car attached garage with an interior door leading to the kitchen and the foyer. All of the rooms on the main level were dry walled and painted with the exception of the foyer which was brick. The basement had six rooms, one a bath room. Basement rooms were either dry walled or covered with wood paneling.
- All of these areas were decontaminated using industrial equipment and detergent.

### *§8.16 Contractor's description of removal procedures each area where removal was conducted and the materials removed.*

- Two forty yard roll off containers were placed in the driveway of the property.
- It was determined that the majority of the drywall and other sub-straights had been encapsulated by previous tenant whom was also believed to have contaminated the property with methamphetamine residue.
- All dry wall from the subject property was removed after it was determined not to contain asbestos.
- All carpeting, padding, tact strip, window coverings, paneling, washer, dryer, ceiling fans, light fixtures and other miscellaneous debris were removed and disposed of.
- The HVAC system including all duct work and vent covers were removed bagged and disposed of.
- All blown in attic insulation was placed directly into the containers via vacuum hoses running directly to the containers.

### *§8.17 Contractor's description of encapsulation areas and materials*

**No encapsulation was preformed.**

### *§8.18 Contractor's description of waste management procedures*

- A total of two forty yard roll off containers were used.
- All containers were provided by Allied waste.
- All containers were covered and secured prior to their removal from the site.
- All effluent generated had a cellulose binder added; once it solidified it was disposed of as solid waste into the containers.

Peter C. Riley, President  
Crystal Clean Decontamination LLC





## NON-HAZARDOUS WASTE MANIFEST

0195863

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|  |  |   |  |                                       |  |
|--|--|---|--|---------------------------------------|--|
| 1. Generator's US EPA ID Number  |  | Manifest Document Number                  |  | 2. Page 1 of 1                        |  |
| 3. Generator's Name and Mailing Address<br>Paul Brandt<br>3183 Vaughn St Aurora CO<br>80011  |  |   |  | 5. Generating Location (if different) |  |
| 4. Phone ( ) 720-878-5801  |  | 6. Phone ( )                              |  |                                       |  |
| 7. Transporter #1 Company Name   |  | 8. US EPA ID Number                       |  | 9. Transporter #1's Phone             |  |
| 10. Transporter #2 Company Name  |  | 11. US EPA ID Number                      |  | 12. Transporter #2's Phone            |  |
| 13. Designated T/S/D Facility Name and Site Address<br>Foothills Landfill / Tower Landfill<br>8900 Hwy 93 / 88th & Tower Rd<br>Golden, CO / Commerce City, CO ACCOUNT # 961418 COD (Crystal Clean Decon LLC) |  | 14. US EPA ID Number                      |  | 15. Facility's Phone                  |  |
| 16. Waste Shipping Name and Description  |  | 17. Allied Waste Approval # and Exp. Date |  | 18. Containers                        |  |
|  |  |   |  | 19. Total Quantity                    |  |
|  |  |   |  | 20. Unit Wt/Vol                       |  |
| a. Meth Contaminated Debris - Foothills  |  | CO 5125 130514 106993                     |  | Y-Yards                               |  |
| b. Meth Contaminated Debris - Tower  |  | CO 5126 130514 106989                     |  | 35 Yards                              |  |
| c.   |  |   |  |                                       |  |
| d.   |  |   |  |                                       |  |
| 21. Additional Descriptions for Materials Listed Above   |  |   |  |                                       |  |
| 22. Special Handling Instructions and Additional Information   |  |   |  |                                       |  |
| 23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.                                   |  |   |  |                                       |  |
| Printed/Typed Name<br>Paul Brandt  |  | Signature<br>[Signature]                  |  | Month Day Year<br>04 18 11            |  |
| 24. Transporter #1: Acknowledgement of Receipt of Materials  |  |   |  |                                       |  |
| Printed/Typed Name<br>Felix J Salazar  |  | Signature<br>[Signature]                  |  | Month Day Year<br>04 18 11            |  |
| 25. Transporter #2: Acknowledgement of Receipt of Materials  |  |   |  |                                       |  |
| Printed/Typed Name   |  | Signature                                 |  | Month Day Year                        |  |
| 26. Discrepancy Indication Space   |  |   |  |                                       |  |
| 27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)  |  |   |  |                                       |  |
| Printed/Typed Name<br>R. Worthington   |  | Signature<br>[Signature]                  |  | Month Day Year<br>4 18 11             |  |

GENERATOR

TRANSPORTER

T/S/D FACILITY

T / S / D / F / COPY

COM000033





## NON-HAZARDOUS WASTE MANIFEST

0195864

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|  |  |   |  |                                       |  |
|--|--|---|--|---------------------------------------|--|
| 1. Generator's US EPA ID Number  |  | Manifest Document Number                  |  | 2. Page 1 of                          |  |
| 3. Generator's Name and Mailing Address<br>Paul Brandt<br>3183 Vaughn St<br>Aurora Co. 80011   |  |   |  | 5. Generating Location (if different) |  |
| 4. Phone ( ) 770-878-5801  |  | 6. Phone ( )                              |  |                                       |  |
| 7. Transporter #1 Company Name   |  | 8. US EPA ID Number                       |  | 9. Transporter #1's Phone             |  |
| 10. Transporter #2 Company Name  |  | 11. US EPA ID Number                      |  | 12. Transporter #2's Phone            |  |
| 13. Designated T/S/D Facility Name and Site Address<br>Foothills Landfill / Tower Landfill<br>8900 Hwy 93 / 88th & Tower Rd<br>Golden, CO / Commerce City, CO ACCOUNT # 961415 COD (Crystal Clean Decon LLC) |  | 14. US EPA ID Number                      |  | 15. Facility's Phone                  |  |
| 16. Waste Shipping Name and Description  |  | 17. Allied Waste Approval # and Exp. Date |  | 18. Containers                        |  |
|  |  |   |  | No. Type                              |  |
| a. Meth Contaminated Debris - Foothills  |  | CO 5125 130514 106993                     |  | 35 Y-Yards                            |  |
| b. Meth Contaminated Debris - Tower  |  | CO 5126 130514 106989                     |  | 35 Y-Yards                            |  |
| c.   |  |   |  | 5.63T                                 |  |
| d.   |  |   |  |                                       |  |
| 21. Additional Descriptions for Materials Listed Above   |  |   |  |                                       |  |
| 22. Special Handling Instructions and Additional Information<br>Call Peter Riley for billing @ Landfill<br>303-884 5489  |  |   |  |                                       |  |
| 23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.                                   |  |   |  |                                       |  |
| Printed/Typed Name<br>Paul Brandt  |  | Signature<br>[Signature]                  |  | Month Day Year<br>04 25 11            |  |
| 24. Transporter #1: Acknowledgement of Receipt of Materials  |  |   |  |                                       |  |
| Printed/Typed Name<br>GARY GARNEAU   |  | Signature<br>[Signature]                  |  | Month Day Year<br>4 26 11             |  |
| 25. Transporter #2: Acknowledgement of Receipt of Materials  |  |   |  |                                       |  |
| Printed/Typed Name   |  | Signature                                 |  | Month Day Year                        |  |
| 26. Discrepancy Indication Space   |  |   |  |                                       |  |
| 27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)  |  |   |  |                                       |  |
| Printed/Typed Name<br>D. Narquez   |  | Signature<br>[Signature]                  |  | Month Day Year<br>4 26 11             |  |

T/S/D/F/COPY

COM000033

**APPENDIX B**  
**POST-REMEDIATION PHOTOGRAPH LOG SHEET**















































# **POST-REMEDIATION PHOTOGRAPH LOG SHEET**

**FACTs project name: Vaughn** **Form # ML9**

**Date: May 22, 2011**

**Reporting IH:** **Caoimhín P. Connell, Forensic IH**

| Name  | Date taken         | Name  | Date taken         |
|---|--------------------|---|--------------------|
|  Attic Check                 | 4/22/2011 14:37 PM |  DS SW Room                    | 4/22/2011 14:14 PM |
|  Bsmt Video 4-22-11          |                    |  DS Utility                    | 4/22/2011 14:32 PM |
|  Bsmt Video 4-22-11.THM      |                    |  Entry                         | 4/22/2011 12:57 PM |
|  Bsmt Video 5-5-11           |                    |  Entry (2)                     | 4/22/2011 12:57 PM |
|  Bsmt Video 5-5-11.THM       |                    |  Entry (3)                     | 4/22/2011 12:58 PM |
|  Bsmt Video (2) 5-5-11       |                    |  Garage                        | 4/22/2011 12:59 PM |
|  Bsmt Video (2) 5-5-11.THM   |                    |  Garage (2)                    | 4/22/2011 12:59 PM |
|  Ceiling                     | 4/22/2011 12:58 PM |  Garage (3)                    | 4/22/2011 13:00 PM |
|  Ceiling (2)                 | 4/22/2011 12:58 PM |  Garage (4)                    | 4/22/2011 13:00 PM |
|  Dining Rm                   | 4/22/2011 12:58 PM |  Garage (5)                    | 4/22/2011 13:00 PM |
|  DS Bath Measuring           | 4/22/2011 14:26 PM |  Garage (6)                    | 4/22/2011 13:39 PM |
|  DS Bath Measuring (2)       | 4/22/2011 14:27 PM |  Garage (7)                    | 4/22/2011 13:41 PM |
|  DS Bath Measuring (3)       | 4/22/2011 14:27 PM |  Garage Foyer                  | 4/22/2011 13:00 PM |
|  DS Bath Measuring (4)       | 4/22/2011 14:28 PM |  Garage Foyer (2)              | 4/22/2011 13:00 PM |
|  DS NE Room                  | 4/22/2011 14:02 PM |  Garage Foyer (3)              | 4/22/2011 13:00 PM |
|  DS NE Room (2)             | 4/22/2011 14:06 PM |  Garage Foyer (4)             | 4/22/2011 13:00 PM |
|  DS NE Room (3)            | 4/22/2011 14:06 PM |  Garage Foyer (5)            | 4/22/2011 13:00 PM |
|  DS NE Room (4)            | 4/22/2011 14:06 PM |  Garage Foyer (6)            | 4/22/2011 13:00 PM |
|  DS Rec Room               | 4/22/2011 14:00 PM |  Garage Video 5-5-11         |                    |
|  DS Rec Room Measuring     | 4/22/2011 14:11 PM |  Garage Video 5-5-11.THM     |                    |
|  DS Rec Room Measuring (2) | 4/22/2011 14:12 PM |  Garage Video (2) 5-5-11     |                    |
|  DS Rec Room Measuring (3) | 4/22/2011 14:12 PM |  Garage Video (2) 5-5-11.THM |                    |



**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.**

# POST-REMEDIATION PHOTOGRAPH LOG SHEET

|                            |                                  |            |
|----------------------------|----------------------------------|------------|
| FACTs project name: Vaughn |                                  | Form # ML9 |
| Date: May 22, 2011         |                                  |            |
| Reporting IH:              | Caoimhin P. Connell, Forensic IH |            |













































| Name                            | Date taken         | Name                     | Date taken         |
|---------------------------------|--------------------|--------------------------|--------------------|
| Hallway                         | 4/22/2011 12:59 PM | NW Bedroom Measuring     | 4/22/2011 13:29 PM |
| Hallway (2)                     | 4/22/2011 12:59 PM | NW Bedroom Measuring (2) | 4/22/2011 13:29 PM |
| Kitchen                         | 4/22/2011 12:59 PM | NW Bedroom Measuring (3) | 4/22/2011 13:30 PM |
| Kitchen (2)                     | 4/22/2011 12:59 PM | NW Bedroom Measuring (4) | 4/22/2011 13:30 PM |
| Laundry Room Measuring          | 4/22/2011 14:21 PM | Ruler Decon              | 4/22/2011 13:14 PM |
| Laundry Room Measuring (2)      | 4/22/2011 14:21 PM | Ruler Decon (3)          | 4/22/2011 13:51 PM |
| Living Rm                       | 4/22/2011 12:57 PM | Sample 1 (2)             | 4/22/2011 13:14 PM |
| Living Rm (2)                   | 4/22/2011 12:57 PM | Sample 1 (3)             | 4/22/2011 13:15 PM |
| Living Rm (3)                   | 4/22/2011 12:57 PM | Sample 1 (4)             | 4/22/2011 13:15 PM |
| Living Rm (4)                   | 4/22/2011 12:57 PM | Sample 1 (5)             | 4/22/2011 13:16 PM |
| Living Rm (5)                   | 4/22/2011 12:57 PM | Sample 1                 | 4/22/2011 13:14 PM |
| Living Rm (6)                   | 4/22/2011 12:58 PM | Sample 2 (2)             | 4/22/2011 13:18 PM |
| Living Rm (7)                   | 4/22/2011 12:58 PM | Sample 2 (3)             | 4/22/2011 13:19 PM |
| Living Rm (8)                   | 4/22/2011 12:58 PM | Sample 2 (4)             | 4/22/2011 13:19 PM |
| Living Rm (9)                   | 4/22/2011 12:58 PM | Sample 2 (5)             | 4/22/2011 13:19 PM |
| Living Rm (10)                  | 4/22/2011 12:58 PM | Sample 2 (6)             | 4/22/2011 13:19 PM |
| Main Floor (2) Video 5-5-11     |                    | Sample 2 (7)             | 4/22/2011 13:19 PM |
| Main Floor (2) Video 5-5-11.... |                    | Sample 2                 | 4/22/2011 13:17 PM |
| Main Floor Video 4-22-11        |                    | Sample 3 (2)             | 4/22/2011 13:21 PM |
| Main Floor Video 4-22-11.T...   |                    | Sample 3 (3)             | 4/22/2011 13:22 PM |
| Main Floor Video 5-5-11         |                    | Sample 3 (4)             | 4/22/2011 13:23 PM |
| Main Floor Video 5-5-11.TH...   |                    | Sample 3 (5)             | 4/22/2011 13:23 PM |



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

# POST-REMEDIATION PHOTOGRAPH LOG SHEET

|                                   |   |                   |
|-----------------------------------|---|-------------------|
| <b>FACTs project name: Vaughn</b> |   | <b>Form # ML9</b> |
| <b>Date: May 22, 2011</b>         |   |                   |
| <b>Reporting IH:</b>              | <b>Caoimhin P. Connell, Forensic IH</b> |                   |

| Name   | Date taken         | Name  | Date taken         |
|--|--------------------|---|--------------------|
|  Sample 3 (6)   | 4/22/2011 13:23 PM |  Sample 9        | 4/22/2011 14:17 PM |
|  Sample 3       | 4/22/2011 13:20 PM |  Sample 11 (2)   | 4/22/2011 14:07 PM |
|  Sample 4 (2)   | 4/22/2011 13:31 PM |  Sample 11       | 4/22/2011 14:07 PM |
|  Sample 4 (3)   | 4/22/2011 13:31 PM |  Sample 12 (2)   | 4/22/2011 14:22 PM |
|  Sample 4 (4)   | 4/22/2011 13:31 PM |  Sample 12 (3)   | 4/22/2011 14:22 PM |
|  Sample 4       | 4/22/2011 13:31 PM |  Sample 12       | 4/22/2011 14:22 PM |
|  Sample 5 (2)   | 4/22/2011 13:37 PM |  Sample 14 (2)   | 4/22/2011 13:44 PM |
|  Sample 5 (3)   | 4/22/2011 13:38 PM |  Sample 14 (3)   | 4/22/2011 13:45 PM |
|  Sample 5       | 4/22/2011 13:37 PM |  Sample 14 (4)   | 4/22/2011 13:45 PM |
|  Sample 6 (2)   | 4/22/2011 13:34 PM |  Sample 14 (5)   | 4/22/2011 13:45 PM |
|  Sample 6 (3)   | 4/22/2011 13:34 PM |  Sample 14 (6)   | 4/22/2011 13:45 PM |
|  Sample 6       | 4/22/2011 13:34 PM |  Sample 14 (7)   | 4/22/2011 13:50 PM |
|  Sample 7 (2)   | 4/22/2011 13:26 PM |  Sample 14 (8)   | 4/22/2011 13:50 PM |
|  Sample 7 (3)   | 4/22/2011 13:26 PM |  Sample 14 (9)   | 4/22/2011 13:50 PM |
|  Sample 7 (4)   | 4/22/2011 13:26 PM |  Sample 14       | 4/22/2011 13:42 PM |
|  Sample 7 (5)  | 4/22/2011 13:27 PM |  Sample 15 (2)  | 4/22/2011 13:54 PM |
|  Sample 7 (6) | 4/22/2011 13:28 PM |  Sample 15 (3) | 4/22/2011 13:56 PM |
|  Sample 7     | 4/22/2011 13:26 PM |  Sample 15 (4) | 4/22/2011 13:56 PM |
|  Sample 8 (2) | 4/22/2011 14:13 PM |  Sample 15 (5) | 4/22/2011 13:56 PM |
|  Sample 8 (3) | 4/22/2011 14:13 PM |  Sample 15 (6) | 4/22/2011 13:56 PM |
|  Sample 8     | 4/22/2011 14:12 PM |  Sample 15     | 4/22/2011 13:53 PM |
|  Sample 9 (2) | 4/22/2011 14:18 PM |  Sample 16 (2) | 4/22/2011 14:28 PM |





























FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.



**POST-REMEDIATION PHOTOGRAPH LOG SHEET**

|                                   |   |                   |
|-----------------------------------|---|-------------------|
| <b>FACTs project name: Vaughn</b> |   | <b>Form # ML9</b> |
| <b>Date: May 22, 2011</b>         |   |                   |
| <b>Reporting IH:</b>              | <b>Caoimhin P. Connell, Forensic IH</b> |                   |























| Name  | Date taken         |
|---|--------------------|
|  Sample 16 (3)     | 4/22/2011 14:28 PM |
|  Sample 16 (4)     | 4/22/2011 14:29 PM |
|  Sample 16         | 4/22/2011 14:28 PM |
|  Sample 17 (2)     | 4/22/2011 14:33 PM |
|  Sample 17 (3)     | 4/22/2011 14:33 PM |
|  Sample 17         | 4/22/2011 14:33 PM |
|  Sample 18 (2)     | 4/22/2011 14:39 PM |
|  Sample 18 (3)     | 4/22/2011 14:42 PM |
|  Sample 18 (4)     | 4/22/2011 14:42 PM |
|  Sample 18 (5)     | 4/22/2011 14:42 PM |
|  Sample 18 (6)     | 4/22/2011 14:42 PM |
|  Sample 18         | 4/22/2011 14:39 PM |
|  Samples           | 4/22/2011 13:11 PM |
|  Samples (2)       | 4/22/2011 13:11 PM |
|  Samples (3)       | 5/5/2011 12:33 PM  |
|  SE Bedroom       | 4/22/2011 13:32 PM |
|  SE Bedroom (2)  | 4/22/2011 13:33 PM |
|  Stairs          | 4/22/2011 12:57 PM |
|  Stairs (2)      | 4/22/2011 12:58 PM |
|  Stairs (3)      | 4/22/2011 14:00 PM |
|  Stairs (4)      | 4/22/2011 14:00 PM |
|  Surgical Gloves | 4/22/2011 14:44 PM |














| Name   | Date taken         |
|--|--------------------|
|  Surgical Gloves (2)  | 4/22/2011 14:44 PM |
|  SW Bedroom           | 4/22/2011 13:36 PM |
|  SW Bedroom (2)       | 4/22/2011 13:37 PM |
|  SW Bedroom Measuring | 4/22/2011 13:36 PM |



**POST-REMEDIATION PHOTOGRAPH LOG SHEET**

|                                   |   |                   |
|-----------------------------------|---|-------------------|
| <b>FACTs project name: Vaughn</b> |   | <b>Form # ML9</b> |
| <b>Date: May 22, 2011</b>         |   |                   |
| <b>Reporting IH:</b>              | <b>Caoimhin P. Connell, Forensic IH</b> |                   |

| Name  | Date taken        |
|---|-------------------|
|  CIMG0322        |                   |
|  Sample 2        | 5/5/2011 12:54 PM |
|  Sample 7        | 5/5/2011 12:56 PM |
|  Sample 7 (2)    | 5/5/2011 12:58 PM |
|  Sample 6        | 5/5/2011 13:00 PM |
|  Sample 6 (2)    | 5/5/2011 13:01 PM |
|  Sample 5 (3)    | 5/5/2011 13:02 PM |
|  Sample 5 (4)    | 5/5/2011 13:03 PM |
|  Sample 4        | 5/5/2011 13:08 PM |
|  Sample 4 (2)    | 5/5/2011 13:08 PM |
|  Sample 3        | 5/5/2011 13:10 PM |
|  Sample 3 (2)    | 5/5/2011 13:11 PM |
|  Sample 15       | 5/5/2011 13:13 PM |
|  Sample 15 (2)   | 5/5/2011 13:15 PM |
|  Sample 16       | 5/5/2011 13:18 PM |
|  Sample 16 (2)  | 5/5/2011 13:25 PM |
|  Sample 17     | 5/5/2011 13:29 PM |
|  Sample 17 (2) | 5/5/2011 13:31 PM |
|  Sample 17 (3) | 5/5/2011 13:32 PM |
|  Sample 8      | 5/5/2011 13:35 PM |
|  Sample 8 (2)  | 5/5/2011 13:37 PM |
|  Sample 11     | 5/5/2011 13:41 PM |

| Name  | Date taken        |
|---|-------------------|
|  Sample 11 (2)   | 5/5/2011 13:43 PM |
|  Sample 13       | 5/5/2011 13:48 PM |
|  Sample 13 (2)   | 5/5/2011 13:49 PM |
|  Sample 14       | 5/5/2011 13:53 PM |
|  Sample 14 (2)   | 5/5/2011 13:55 PM |
|  Sample 9       | 5/5/2011 13:57 PM |
|  Sample 9 (2)  | 5/5/2011 13:59 PM |
|  Sample 10     | 5/5/2011 14:02 PM |
|  Sample 10 (2) | 5/5/2011 14:03 PM |
|  Gloves        | 5/5/2011 14:05 PM |
|  Gloves (2)    | 5/5/2011 14:05 PM |
|  Gloves (3)    | 5/5/2011 14:06 PM |
|  Gloves (4)    | 5/5/2011 14:08 PM |







**APPENDIX C**  
**FINAL CERTIFICATION SIGNATURE SHEET**



**CERTIFICATION, VARIATIONS AND SIGNATURE SHEET**

|                                   |   |
|-----------------------------------|---|
| <b>FACTs project name: Vaughn</b> | <b>Form # ML14</b>                      |
| <b>Date: May 25, 2011</b>         |   |
| <b>Reporting IH:</b>              | <b>Caoimhín P. Connell, Forensic IH</b> |

## Certification

| Statement  | Signature  |
|--|--|
| I do hereby certify that I conducted a preliminary assessment of the subject property in accordance with 6 CCR 1014-3, § 4.        |  |
| I do hereby certify that the property has been decontaminated in accordance with the procedures set forth in 6 CCR 1014-3, § 5.    | See Body of Report   |
| I do hereby certify that I conducted post-decontamination clearance sampling in accordance with 6 CCR 1014-3, §6.                  |  |
| I do hereby certify that the cleanup standards established by 6 CCR 1014-3, § 7 have been met as evidenced by testing I conducted. |  |
| I do hereby certify that the analytical results reported here are faithfully reproduced.   |  |

In the section below, describe any variations from the standard.

I do hereby certify that I conducted a preliminary assessment of the subject property in accordance with 6 CCR 1014-3, § 4. I further certify that the cleanup standards established by 6 CCR 1014-3, § 7 have been met as evidenced by testing I conducted.

Signature



Date: May 25, 2011

**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.**

**APPENDIX D**  
**FIELD DATA SHEETS AND ANALYTICAL SUBMITTALS**



# SAMPLING FIELD FORM

|  |             |                     |                   |
|--|-------------|---------------------|-------------------|
| FACTs project name: Vaughn                     |             | Form # ML17         |                   |
| Date: April 22, 2011                           |             | Alcohol Lot#: A1001 | Gauze Lot#: G1006 |
| Reporting IH: Caoimhín P. Connell, Forensic IH | Preliminary | Intermediate        | Final X           |

| Sample ID<br>VM042211 | Type | Location                                 | Funct.<br>Space | Dimensions   | Substrate |
|-----------------------|------|--|-----------------|--------------|-----------|
| -01                   | W    | LIVING ROOM ELECTRICAL CONDUIT S. WALL   | 1               | 4x12.5       | PT VINYL  |
| -02                   |      | DINING ROOM SLIDING GLASS DOOR FRAME     | 2               | 4x12.5       | PT METAL  |
| -03                   |      | BATHROOM N.E. CORNER OF FLOOR            | 3               | 20x25        | LINO      |
| -04                   |      | N. W. BEDROOM ELECTRICAL CONDUIT W. WALL | 4               | 4x12.5       | PT VINYL  |
| -05                   |      | S. W. BEDROOM " " " " " "                | 5               | 4x12.5       | PT VINYL  |
| -06                   |      | S. E. " " " " " " " " " " " "            | 6               | 5x10         | PT VINYL  |
| -07                   |      | STAIRWELL DOOR FRAME                     | 7               | 4x12.5       | PT VINYL  |
| -08                   |      | DNS REC ROOM / ELEC. 2ND FLOOR           | 8               | 25x20        | LINO      |
| -09                   |      | DNS SW BEDROOM (ELEC CONDUIT (CEILING))  | 9               | 25x20        | PT VINYL  |
| -10                   |      | BX                                       |                 |              |           |
| -11                   |      | N.E. BDRM / Copper pipe (DN)             | 10              | 1x1          | Copper    |
| -12                   |      | LAUNDRY / HALL FLOOR (DN)                | 11              | 25x20        | PT VINYL  |
| -13                   |      | BX                                       |                 |              | PT METAL  |
| -14                   |      | GARAGE - AT UTILITY METER                | 14              | 1x1          | PT METAL  |
| -15                   |      | GARAGE Foyer - TOP OF SLIDING DE SASH    | 15              | 37.2x11.7x20 | PT WOOD   |

Sample Types: W=Wipe; V=Microvacuum; A=Air; B=Bulk; L=liquid  
Surfaces: DW=Drywall, P=Painted; W=Wood, L=Laminated, V=Varnished, M=Metal, C=Ceramic, PI=Plastic

\* 14 = RADIOS = 11 + 14x14 + 4x25 150% UNDERSAMPLED

\* 11 = DIAM = 1CM 1666x DIAM = 1CM

\* 9 = 36CM x 2 x 7



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

|  |  |  |
|--|--|--|
| FACTs project name: Vaughn                     |  | Form # ML17                                  |
| Date: April 22, 2011                           |  | Alcohol Lot#: A1001 Gauze Lot#: G1006        |
| Reporting IH: Caoimhín P. Connell, Forensic IH |  | Preliminary _____ Intermediate _____ Final X |

[illegible]

Sample Types: W=Wipe; V=Microvacuum; A=Air; B=Bulk; L=Liquid  
Surfaces: DW=Drywall, P=Painted; W= Wood, L= Laminated, V= Varnished, M= Metal, C=Ceramic, Pl=Plastic

$17 = 106 \times \text{DIAM} = 1 \text{ CM}$   
 $\times 18 = \cancel{295} \text{ g CM}$   
 $17.5 \times 14.5 \text{ cm} \times 2$   
 $14.5 \text{ cm}$   
 $14$



# ANALYTICAL CHEMISTRY INC.

Established in 1979

4611 S. 134th Place, Ste 200  
Tukwila WA 98168-3240

Website: [www.acilabs.com](http://www.acilabs.com)

Phone: 206-622-8353

E-mail: [info@acilabs.com](mailto:info@acilabs.com)

|                        |                |
|------------------------|----------------|
| <b>Lab Reference:</b>  | 11135-07       |
| <b>Date Received:</b>  | April 25, 2011 |
| <b>Date Completed:</b> | April 27, 2011 |

April 27, 2011

CAOIMHIN P CONNELL  
FORENSIC APPLICATIONS INC  
185 BOUNTY HUNTER'S LN  
BAILEY CO 80421

**CLIENT REF:** Vaughn

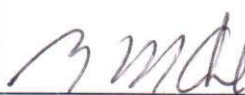
**SAMPLES:** wipes/18

**ANALYSIS:** Methamphetamine by Gas Chromatography-Mass Spectrometry.

**RESULTS:** in total micrograms (ug)

| <b>Sample</b>                      | <b>Methamphetamine, ug</b> | <b>% Surrogate Recovery</b> |
|------------------------------------|----------------------------|-----------------------------|
| VM042211-01                        | 0.667                      | 102                         |
| VM042211-02                        | 9.16                       | 91                          |
| VM042211-03                        | 0.094                      | 99                          |
| VM042211-04                        | 0.427                      | 98                          |
| VM042211-05                        | 0.657                      | 97                          |
| VM042211-06                        | 6.85                       | 92                          |
| VM042211-07                        | 0.437                      | 98                          |
| VM042211-08                        | 0.247                      | 94                          |
| VM042211-09                        | 3.21                       | 98                          |
| VM042211-10                        | < 0.030                    | 96                          |
| VM042211-11                        | 5.29                       | 93                          |
| VM042211-12                        | 0.741                      | 95                          |
| VM042211-13                        | < 0.030                    | 102                         |
| VM042211-14                        | 8.81                       | 96                          |
| VM042211-15                        | 1.91                       | 101                         |
| VM042211-16                        | 2.82                       | 102                         |
| VM042211-17                        | 23.0                       | 98                          |
| VM042211-18                        | 0.982                      | 103                         |
| QA/QC Method Blank                 | < 0.004                    |                             |
| QC 0.100 ug Standard               | 0.101                      |                             |
| QA 0.020 ug Matrix Spike           | 0.018                      |                             |
| QA 0.020 ug Matrix Spike Duplicate | 0.018                      |                             |
| Method Detection Limit (MDL)       | 0.004                      |                             |
| Practical Quantitation Limit (PQL) | 0.030                      |                             |

'<': less than, not detected above the PQL

  
Robert M. Orheim  
Director of Laboratories





## ANALYTICAL CHEMISTRY INC.

## CDL SAMPLING &amp; CUSTODY FORM

4611 S 134th Pl, Ste 200 Tukwila WA 98168-3240  
Website: www.acilabs.comPhone: 206-622-8353  
FAX: 206-622-4623Page 1 of 2  
Please do not write in shaded areas.

|                         |  |                     |  |             |                   |           |  |                   |  |   |   |                |                           |                  |  |              |    |                  |  |
|-------------------------|--|---------------------|--|-------------|-------------------|-----------|--|-------------------|--|---|---|----------------|---------------------------|------------------|--|--------------|----|------------------|--|
| SAMPLING DATE:          |  | April 22, 2011      |  |             | REPORT TO:        |           | Caoimhin P. Connell                            |                   |  |   |   |                | ANALYSIS REQUESTED        |                  |  |              |    |                  |  |
| PROJECT Name/No:        |  | Vaughn              |  |             | COMPANY:          |           | Forensic Applications, Inc.                    |                   |  |   |   |                | 1 Methamphetamine         |                  |  |              |    |                  |  |
| eMail:                  |  | Fiosrach@aol.com    |  |             | ADDRESS:          |           | 185 Bounty Hunters Lane, Bailey, CO 80421      |                   |  |   |   |                | 2 Use entire contents     |                  |  |              |    |                  |  |
| SAMPLER NAME:           |  | Caoimhin P. Connell |  |             | PHONE             |           | 303-903-7494                                   |                   |  |   |   |                | 3 Normal Turn-around time |                  |  |              |    |                  |  |
|                         |  |                     |  |             |                   |           |  |                   |  |   |   |                | 4 RUSH                    |                  |  |              |    |                  |  |
|                         |  |                     |  |             |                   |           |  |                   |  |   |   |                | 5 Weight and report in mg |                  |  |              |    |                  |  |
|                         |  |                     |  |             |                   |           |  |                   |  |   |   |                | 6 Not Submitted           |                  |  |              |    |                  |  |
| LAB Number              |  | Sample Number       |  |             | SAMPLE MATRIX     |           |  | ANALYSIS REQUESTS |  |   |   |                |                           | SAMPLER COMMENTS |  | LAB COMMENTS |    | No of Containers |  |
|                         |  |                     |  |             | Wipe Vacuum Other |           |  | 1 2 3 4 5 6       |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-01         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-02         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-03         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-04         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-05         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-06         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-07         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-08         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-09         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
|                         |  | VM042211-10         |  |             |                   |           |  | X X X             |  |   |   |                |                           |                  |  |              |    | /                |  |
| CHAIN OF CUSTODY RECORD |  |                     |  |             | Wipes Results in: |           | <input type="checkbox"/> µg/100cm <sup>2</sup> |                   | <input checked="" type="checkbox"/> Total µg |   | Total Number of Containers (verified by laboratory) |                |                           |                  |  |              | 10 |                  |  |
| PRINT NAME              |  | Signature           |  | COMPANY     |                   | DATE      |  | TIME              |  | Turnaround Time                             |   | Custody Seals: |                           | Yes              |  | No           |    |                  |  |
| Caoimhin P. Connell     |  |                     |  | FACTS, Inc. |                   | 4/23/2011 |  | 1200              |  | <input type="checkbox"/> 24 Hours (2X)      |   | Container:     |                           | Intact           |  | Broken       |    |                  |  |
| MIA SAZEN               |  |                     |  | AEI         |                   | 4/25/11   |  | 1500              |  | <input type="checkbox"/> 2 Days (1.75X)     |   | Temperature:   |                           | Ambient          |  | Cooled       |    |                  |  |
|                         |  |                     |  |             |                   |           |  |                   |  | <input type="checkbox"/> 3 Days (1.5X)      |   | Inspected By:  |                           | MIA SAZEN        |  |              |    |                  |  |
|                         |  |                     |  |             |                   |           |  |                   |  | <input checked="" type="checkbox"/> Routine |   |                |                           | 11135-07         |  |              |    |                  |  |





## ANALYTICAL CHEMISTRY INC.

## CDL SAMPLING &amp; CUSTODY FORM

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Website: www.acilabs.comPhone: 206-622-8353  
FAX: 206-622-4623Page 2 of 2  
Please do not write in shaded areas.

|                         |  |                     |  |             |                   |           |   |                   |  |   |  |  |                           |  |  |   |              |  |  |                  |  |
|-------------------------|--|---------------------|--|-------------|-------------------|-----------|---|-------------------|--|---|--|--|---------------------------|--|--|---|--------------|--|--|------------------|--|
| SAMPLING DATE:          |  | April 22, 2011      |  |             | REPORT TO:        |           | Caoimhin P. Connell                       |                   |  |   |  |  | ANALYSIS REQUESTED        |  |  |   |              |  |  |                  |  |
| PROJECT Name/No:        |  | Vaughn              |  |             | COMPANY:          |           | Forensic Applications, Inc.               |                   |  |   |  |  | 1 Methamphetamine         |  |  |   |              |  |  |                  |  |
| eMail:                  |  | Fiosrach@aol.com    |  |             | ADDRESS:          |           | 185 Bounty Hunters Lane, Bailey, CO 80421 |                   |  |   |  |  | 2 Use entire contents     |  |  |   |              |  |  |                  |  |
| SAMPLER NAME:           |  | Caoimhin P. Connell |  |             | PHONE             |           | 303-903-7494                              |                   |  |   |  |  | 3 Normal Turn-around time |  |  |   |              |  |  |                  |  |
|                         |  |                     |  |             |                   |           |   |                   |  |   |  |  | 4 RUSH                    |  |  |   |              |  |  |                  |  |
|                         |  |                     |  |             |                   |           |   |                   |  |   |  |  | 5 Weight and report in mg |  |  |   |              |  |  |                  |  |
|                         |  |                     |  |             |                   |           |   |                   |  |   |  |  | 6 Not Submitted           |  |  |   |              |  |  |                  |  |
| LAB Number              |  | Sample Number       |  |             | SAMPLE MATRIX     |           |   | ANALYSIS REQUESTS |  |   |  |  |                           | SAMPLER COMMENTS                             |  |   | LAB COMMENTS |  |  | No of Containers |  |
|                         |  |                     |  |             | Wipe Vacuum Other |           |   | 1 2 3 4 5 6       |  |   |  |  |                           |  |  |   |              |  |  |                  |  |
|                         |  | VM042211-11         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-12         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-13         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-14         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-15         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-16         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-17         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-18         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 1                |  |
|                         |  | VM042211-19         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 0                |  |
|                         |  | VM042211-20         |  |             |                   |           |   | X X X             |  |   |  |  |                           |  |  |   |              |  |  | 0                |  |
| CHAIN OF CUSTODY RECORD |  |                     |  |             |                   |           |   |                   |  | Wipes Results in:                           |  | <input type="checkbox"/> µg/100cm <sup>2</sup> |                           | <input checked="" type="checkbox"/> Total µg |  | Total Number of Containers (verified by laboratory) |              |  |  | 8                |  |
| PRINT NAME              |  | Signature           |  | COMPANY     |                   | DATE      |   | TIME              |  | Turnaround Time                             |  | Custody Seals:                                 |                           | Yes  |  | No  |              |  |  |                  |  |
| Caoimhin P. Connell     |  |                     |  | FACTs, Inc. |                   | 4/23/2011 |   | 1200              |  | <input type="checkbox"/> 24 Hours (2X)      |  | Container:                                     |                           | Intact                                       |  | Broken  |              |  |  |                  |  |
| MIA SAZON               |  |                     |  | ACI         |                   | 4/25/11   |   | 1500              |  | <input type="checkbox"/> 2 Days (1.75X)     |  | Temperature:                                   |                           | Ambient                                      |  | Cooled  |              |  |  |                  |  |
|                         |  |                     |  |             |                   |           |   |                   |  | <input type="checkbox"/> 3 Days (1.5X)      |  | Inspected By:                                  |                           | MIA SAZON                                    |  |   |              |  |  |                  |  |
|                         |  |                     |  |             |                   |           |   |                   |  | <input checked="" type="checkbox"/> Routine |  |  |                           | 11/35-07                                     |  |   |              |  |  |                  |  |

# SAMPLING FIELD FORM

|  |                     |                   |
|--|---------------------|-------------------|
| FACTs project name: Vaughn                     | Form # ML17         | A1001             |
| Date: May 5, 2011                              | Alcohol Lot#: A0904 | Gauze Lot#: G1006 |
| Reporting IH: Caoimhin P. Connell, Forensic IH | Preliminary         | Intermediate      |
|  |                     | Final X           |

| Sample ID   | Type | Location  | Funct. Space | Dimensions | Substrate  |
|-------------|------|---|--------------|------------|------------|
| VM050511-01 |      | 3X  |              |            |            |
| -02         |      | Living Room / Window sill                           | 1            | 16x32      | Ceramic    |
| -03         |      | Dining Room / Window sill / Kitchen window sill     | 2            | 7x75       | Ceramic    |
| -04         |      | Bath Room / Top of ceramic splash board (and sides) | 3            | 1x50x      | Tile (Cer) |
| -05         |      | NW Bedroom (LP) / NO window sill                    | 4            | 7x75       | Ceramic    |
| -06         |      | SW Bedroom (LP) / Window sill                       | 5            | 7x75       | Ceramic    |
| -07         |      | SE Bedroom (LP) / Window sill                       | 6            | 7x75       | Ceramic    |
| -08         |      | Stairwell / Window sill                             | 7            | 16x32      | Pr WD      |
| -09         |      | Back Bedroom / Window sill                          | 8            | 8x62.5     | metal      |
| -10         |      | Back SW Bedroom / Floor vinyl tiles                 | 9            | 12x12      | BVAT       |
| -11         |      | Back NE Bedroom / Closet door frame                 | 10           | 12x12      | Pr WD      |
| -12         |      | 3X  |              |            |            |
| -13         |      | Back Laundry / Utility room pipe-clg of laundry rm  | 11           | 4x125      | metal      |
| -14         |      | Back Bath Rm / Fld under sink                       | 12           | 30x17      | 11ng Tiles |
| -15         |      | Garage / Back of garage door                        | 14           | 30x25      | ABS        |

Sample Types: W=Wipe; V=Microvacuum; A=Air; B=Bulk; L=Liquid  
Surfaces: DW=Drywall, P=Painted; W=Wood, L=Laminated, V=Varnished, M=Metal, C=Ceramic, Pl=Plastic

10 = 20 x 25



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| FACTs project name: Vaughn                     |  |  | Form # ML17                                  |  |  |
| Date: May 5, 2011                              |  |  | Alcohol Lot#: A1001 Gauze Lot#: G1006        |  |  |
| Reporting IH: Caoimhín P. Connell, Forensic IH |  |  | Preliminary _____ Intermediate _____ Final X |  |  |

Sample Types: W=Wipe; V=Microvacuum; A=Air; B=Bulk; L=Liquid  
Surfaces: DW=Drywall, P=Painted; W=Wood, L=Laminated, V=Varnished, M=Metal, C=Ceramic, Pl=Plastic

[illegible]





# ANALYTICAL CHEMISTRY INC.

Established in 1979

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|                        |              |
|------------------------|--------------|
| <b>Lab Reference:</b>  | 11139-05     |
| <b>Date Received:</b>  | May 9, 2011  |
| <b>Date Completed:</b> | May 11, 2011 |

May 11, 2011

CAOIMHIN P CONNELL  
FORENSIC APPLICATIONS INC  
185 BOUNTY HUNTER'S LN  
BAILEY CO 80421

**CLIENT REF:** Vaughn


**SAMPLES:** wipes/17

**ANALYSIS:** Methamphetamine by Gas Chromatography-Mass Spectrometry.

**RESULTS:** in total micrograms (ug)

| <b>Sample</b>                      | <b>Methamphetamine, ug</b> | <b>% Surrogate Recovery</b> |
|------------------------------------|----------------------------|-----------------------------|
| VM050511-01                        | < 0.030                    | 90                          |
| VM050511-02                        | 0.043                      | 89                          |
| VM050511-03                        | 0.292                      | 91                          |
| VM050511-04                        | 0.164                      | 90                          |
| VM050511-05                        | 0.099                      | 93                          |
| VM050511-06                        | 0.184                      | 93                          |
| VM050511-07                        | 0.097                      | 94                          |
| VM050511-08                        | 0.204                      | 92                          |
| VM050511-09                        | 0.078                      | 90                          |
| VM050511-10                        | 0.195                      | 92                          |
| VM050511-11                        | 0.528                      | 89                          |
| VM050511-12                        | < 0.030                    | 91                          |
| VM050511-13                        | 1.17                       | 92                          |
| VM050511-14                        | 0.180                      | 90                          |
| VM050511-15                        | 0.283                      | 94                          |
| VM050511-16                        | 1.02                       | 90                          |
| VM050511-17                        | 0.674                      | 96                          |
| QA/QC Method Blank                 | < 0.004                    |                             |
| QC 0.100 ug Standard               | 0.106                      |                             |
| QA 0.020 ug Matrix Spike           | 0.018                      |                             |
| QA 0.020 ug Matrix Spike Duplicate | 0.020                      |                             |
| Method Detection Limit (MDL)       | 0.004                      |                             |
| Practical Quantitation Limit (PQL) | 0.030                      |                             |

'<': less than, not detected above the PQL

  
Robert M. Orheim  
Director of Laboratories





# ANALYTICAL CHEMISTRY INC.

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## CDL SAMPLING & CUSTODY FORM

Page 1 of 2

Please do not write in shaded areas.

|  |                         |   |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
|--|-------------------------|---|---------------|--|--|----------|----------|--|------------|-----------|--|---------------------|-------------------------|----|-------------------------|---|------|---|-------------------------|---|---------------|
| <b>SAMPLING DATE:</b> May 5, 2011        |                         | <b>REPORT TO:</b> Caoimhin P. Connell                     |               | <b>ANALYSIS REQUESTED</b>  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| <b>PROJECT Name/No:</b> Vaughn           |                         | <b>COMPANY:</b> Forensic Applications, Inc.               |               | <table><tr><td>1</td><td>Methamphetamine</td></tr><tr><td>2</td><td>Use entire contents</td></tr><tr><td>3</td><td>Normal Turn-around time</td></tr><tr><td>4</td><td>RUSH</td></tr><tr><td>5</td><td>Weight and report in mg</td></tr><tr><td>6</td><td>Not Submitted</td></tr></table> |  |          |          |  |            | 1         | Methamphetamine  | 2                   | Use entire contents     | 3  | Normal Turn-around time | 4 | RUSH | 5 | Weight and report in mg | 6 | Not Submitted |
| 1  | Methamphetamine         |   |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| 2  | Use entire contents     |   |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| 3  | Normal Turn-around time |   |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| 4  | RUSH                    |   |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| 5  | Weight and report in mg |   |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| 6  | Not Submitted           |   |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| <b>eMail:</b> Fiosrach@aol.com           |                         | <b>ADDRESS:</b> 185 Bounty Hunters Lane, Bailey, CO 80421 |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| <b>SAMPLER NAME:</b> Caoimhin P. Connell |                         | <b>PHONE:</b> 303-903-7494                                |               |  |  |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
| <b>LAB Number</b>                        | <b>Sample Number</b>    | <b>SAMPLE MATRIX</b>                                      |               |  | <b>ANALYSIS REQUESTS</b>                       |          |          |  |            |           | <b>SAMPLER COMMENTS</b>                                    | <b>LAB COMMENTS</b> | <b>No of Containers</b> |    |                         |   |      |   |                         |   |               |
|  |                         | <b>Wipe</b>   | <b>Vacuum</b> | <b>Other</b>   | <b>1</b>                                       | <b>2</b> | <b>3</b> | <b>4</b>                                     | <b>5</b>   | <b>6</b>  |  |                     |                         |    |                         |   |      |   |                         |   |               |
|  | VM050511-01             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-02             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-03             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-04             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-05             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-06             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-07             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-08             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-09             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
|  | VM050511-10             | X   |               |  | X  | X        | X        |  |            |           |  |                     |                         | /  |                         |   |      |   |                         |   |               |
| <b>CHAIN OF CUSTODY RECORD</b>           |                         | <b>Wipes Results in:</b>                                  |               |  | <input type="checkbox"/> µg/100cm <sup>2</sup> |          |          | <input checked="" type="checkbox"/> Total µg |            |           | <b>Total Number of Containers (verified by laboratory)</b> |                     |                         | 10 |                         |   |      |   |                         |   |               |
| <b>PRINT NAME</b>                        | <b>Signature</b>        | <b>COMPANY</b>  | <b>DATE</b>   | <b>TIME</b>  | <b>Turnaround Time</b>                         |          |          | <b>Custody Seals:</b>                        | <b>Yes</b> | <b>No</b> |  |                     |                         |    |                         |   |      |   |                         |   |               |
| Caoimhin P. Connell                      |                         | FACTs, Inc.   | 05/05/11      | 1612   | <input type="checkbox"/> 24 Hours (2X)         |          |          | <b>Container:</b>                            | Intact     | Broken    |  |                     |                         |    |                         |   |      |   |                         |   |               |
| MIA SAZON                                |                         | ACI   | 5/9/11        | 1500   | <input type="checkbox"/> 2 Days (1.75X)        |          |          | <b>Temperature:</b>                          | Ambient    | Cooled    |  |                     |                         |    |                         |   |      |   |                         |   |               |
|  |                         |   |               |  | <input type="checkbox"/> 3 Days (1.5X)         |          |          | <b>Inspected By:</b>                         | MIA SAZON  |           |  |                     |                         |    |                         |   |      |   |                         |   |               |
|  |                         |   |               |  | <input checked="" type="checkbox"/> Routine    |          |          |  |            |           |  |                     |                         |    |                         |   |      |   |                         |   |               |



|                         |                     |               |   |                    |  |  |              |                  |   |   |   |
|-------------------------|---------------------|---------------|---|--------------------|--|--|--------------|------------------|---|---|---|
| SAMPLING DATE:          | May 5, 2011         | REPORT TO:    | Caoimhin P. Connell                       | ANALYSIS REQUESTED |  |  |              |                  |   |   |   |
| PROJECT Name/No:        | Vaughn              | COMPANY:      | Forensic Applications, Inc.               | 1                  | Methamphetamine  |  |              |                  |   |   |   |
| eMail:                  | Fiosrach@aol.com    | ADDRESS:      | 185 Bounty Hunters Lane, Bailey, CO 80421 | 2                  | Use entire contents                                    |  |              |                  |   |   |   |
| SAMPLER NAME:           | Caoimhin P. Connell | PHONE         | 303-903-7494                              | 3                  | Normal Turn-around time                                |  |              |                  |   |   |   |
| LAB Number              | Sample Number       | SAMPLE MATRIX |   | ANALYSIS REQUESTS  |  | SAMPLER COMMENTS                                       | LAB COMMENTS | No of Containers |   |   |   |
|                         |                     | Wipe          | Vacuum                                    | Other              | 1  |  |              |                  | 2 | 3 | 4 |
|                         | VM050511-11         | X             |   |                    | X  | X  | X            |                  |   |   | / |
|                         | VM050511-12         | X             |   |                    | X  | X  | X            |                  |   |   | / |
|                         | VM050511-13         | X             |   |                    | X  | X  | X            |                  |   |   | / |
|                         | VM050511-14         | X             |   |                    | X  | X  | X            |                  |   |   | / |
|                         | VM050511-15         | X             |   |                    | X  | X  | X            |                  |   |   | / |
|                         | VM050511-16         | X             |   |                    | X  | X  | X            |                  |   |   | / |
|                         | VM050511-17         | X             |   |                    | X  | X  | X            |                  |   |   | / |
|                         | VM050511-18         |               |   |                    | X  | X  | X            |                  |   |   |   |
|                         | VM050511-19         |               |   |                    | X  | X  | X            |                  |   |   |   |
|                         | VM050511-20         |               |   |                    | X  | X  | X            |                  |   |   |   |
| CHAIN OF CUSTODY RECORD |                     |               |   | Wipes Results in:  |  | Total Number of Containers<br>(verified by laboratory) |              |                  |   |   |   |
| PRINT NAME              | Signature           | COMPANY       | DATE                                      | TIME               | Turnaround Time  | Custody Seals:   |              |                  |   |   |   |
| Caoimhin P. Connell     | [Signature]         | FACTs, Inc.   | 05/05/11                                  | 1612               | □ 24 Hours (2X)<br>□ 2 Days (1.75X)<br>□ 3 Days (1.5X) | Yes  |              |                  |   |   |   |
| MIA SAZON               | [Signature]         | ACTI          | 5/9/11                                    | 1500               |  | Intact   |              | Broken           |   |   |   |
|                         |                     |               |   |                    |  | Ambient  |              | Cooled           |   |   |   |
|                         |                     |               |   |                    |  | Inspected By:  |              | MIA SAZON        |   |   |   |
|                         |                     |               |   |                    |  | Routine  |              | 11/39-05         |   |   |   |

**APPENDIX F**  
**FINAL CLOSEOUT INVENTORY DOCUMENT**

## FINAL SAMPLING CHECKLIST

|                     |                                  |             |
|---------------------|----------------------------------|-------------|
| FACTs project name: | Vaughn                           | Form # ML18 |
| Date:               | May 22, 2011                     |             |
| Reporting IH:       | Caoimhín P. Connell, Forensic IH |             |

| Functional Space # | Collected 500 cm <sup>2</sup> ? | General Sampling Considerations   |       |
|--------------------|---------------------------------|---|-------|
| 1                  | X                               | Floor Space Area of Lab (ft <sup>2</sup> )  | 2,862 |
| 2                  | X                               | One extra sample is required for every 500 ft <sup>2</sup> of floor space >1,500ft <sup>2</sup> . Enter number of extra samples required:   | 3     |
| 3                  | X                               | Enter minimum number of final samples required based on floor space.  | 8     |
| 4                  | X                               | Enter Number of Functional Spaces to be included  | 15    |
| 5                  | X                               | Enter the minimum number of sample required based on the number of functional spaces  | 15    |
| 6                  | X                               | Is the lab a motor vehicle?   | No    |
| 7                  | X                               | Does the lab contain motor vehicles?  | Yes   |
| 8                  | X                               | Enter number of motor vehicles associated with the lab:   | 1     |
| 9                  | X                               | Are the vehicles considered functional spaces of the lab?   | No    |
| 10                 | X                               | For vehicles that are merely functional spaces, one extra 500 cm <sup>2</sup> sample is required for each vehicle. Enter the number of extra samples for functional space vehicles: | 0     |
| 11                 | X                               | Enter number of large vehicles (campers, trailers, etc)   | 1     |
| 12                 | X                               | One extra sample is required for every 50 ft <sup>2</sup> of floor space of large vehicles. Enter number of extra samples required:   | 0     |
| 13                 | NA                              | Enter total number of samples to be collected.  | 15    |
| 14                 | X                               | One BX must be included for every 10 samples. Enter the number of BX required.  | 2     |
| 15                 | X                               | Enter total number of samples/BXs required  | 17    |
| 16                 | X                               | Enter total number of samples/BXs actually collected  | 17    |
| 17                 | NA                              | Collected a minimum of 5 samples from the lab?  | Yes   |
| 18                 | NA                              | Collected a minimum of 3 discrete samples from the lab?   | Yes   |
| This space is bank |                                 | Collected minimum of 500 cm <sup>2</sup> per functional space?  | Yes   |
|                    |                                 | Collected minimum of 1,000 cm <sup>2</sup> surface area from the lab?   | Yes   |
|                    |                                 | Sketch of the sample locations performed?   | Yes   |



**APPENDIX F**  
**INDUSTRIAL HYGIENIST'S SOQ**





**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.  
CONSULTANT STATEMENT OF QUALIFICATIONS**

(as required by State Board of Health Regulations 6 CCR 1014-3 Section 8.21)

|                     |                                  |             |
|---------------------|----------------------------------|-------------|
| FACTs project name: | Vaughn                           | Form # ML15 |
| Date                | May 25, 2011                     |             |
| Reporting IH:       | Caoimhín P. Connell, Forensic IH |             |

Caoimhín P. Connell, who has been involved in clandestine drug lab (including meth-lab) investigations since 2002, is a consulting forensic Industrial Hygienist meeting the Colorado Revised Statutes §24-30-1402 definition of an "Industrial Hygienist." He has been a practicing Industrial Hygienist in the State of Colorado since 1987; and is the contract Industrial Hygienist for the National Center for Atmospheric Research.

Mr. Connell is a recognized authority in methlab operations and is a Certified Meth-Lab Safety Instructor through the Colorado Regional Community Policing Institute (Colorado Department of Public Safety, Division of Criminal Justice). Mr. Connell has provided over 260 hours of methlab training for officers of over 25 Colorado Police agencies, 20 Sheriff's Offices, federal agents and probation and parole officers throughout Colorado judicial districts. He has provided meth-lab lectures to prestigious organizations such as the County Sheriff's of Colorado, the American Industrial Hygiene Association, US Air Force, and the National Safety Council.

Mr. Connell is Colorado's only private consulting Industrial Hygienist certified by the Office of National Drug Control Policy High Intensity Drug Trafficking Area Clandestine Drug Lab Safety Program, and P.O.S.T. certified by the Colorado Department of Law; he is a member of the Colorado Drug Investigators Association, the American Industrial Hygiene Association (where he serves on the Clandestine Drug Lab Work Group), the American Conference of Governmental Industrial Hygienists and the Occupational Hygiene Society of Ireland. Mr. Connell is the Industrial Hygiene Subject Matter Expert for the Department of Homeland Security, IAB (Health, Medical, and Responder Safety SubGroup), and he conducted the May 2010 Clandestine Drug Lab Professional Development Course for the AIHA.

He has received over 144 hours of highly specialized law-enforcement sensitive training in meth-labs and clan-labs (including manufacturing and identification of booby-traps commonly found at meth-labs) through the Iowa National Guard/Midwest Counterdrug Training Center and the Florida National Guard/Multijurisdictional Counterdrug Task Force, St. Petersburg College as well as through the US NHTSA, and the U.S. Bureau of Justice Assistance (US Dept. of Justice). Additionally, he received extensive training in the Colorado Revised Statutes, including Title 18, Article 18 "Uniform Controlled Substances Act of 1992" and is currently ARIDE Certified.

Mr. Connell is a current law enforcement officer in the State of Colorado, who has conducted clandestine laboratory investigations and performed risk, contamination, hazard and exposure assessments from both the law enforcement (criminal) perspective, and from the civil perspective in residences, apartments, motor vehicles, and condominiums. Mr. Connell has conducted over 240 assessments in illegal drug labs in Colorado, Nebraska and Oklahoma, and collected over 2,130 samples during assessments (a detailed list of drug lab experience is available on the web at:

<http://forensic-applications.com/meth/DrugLabExperience2.pdf>

He has extensive experience performing assessments pursuant to the Colorado meth-lab regulation, 6 CCR 1014-3, (State Board Of Health *Regulations Pertaining to the Cleanup of Methamphetamine Laboratories*) and was an original team member on two of the legislative working-groups which wrote the regulations for the State of Colorado. Mr. Connell was the primary contributing author of Appendix A (*Sampling Methods And Procedures*) and Attachment to Appendix A (*Sampling Methods And Procedures Sampling Theory*) of the Colorado regulations. He has provided expert witness testimony in civil cases and testified before the Colorado Board of Health and Colorado Legislature Judicial Committee regarding methlab issues. Mr. Connell has provided services to private consumers, Indian Nations, state officials and Federal Government representatives with forensic services and arguments against fraudulent industrial hygienists and other unauthorized consultants performing invalid methlab assessments.

Mr. Connell, who is a committee member of the ASTM International Forensic Sciences Committee, was the sole sponsor of the draft ASTM E50 *Standard Practice for the Assessment of Contamination at Suspected Clandestine Drug Laboratories*, and he is a coauthor of a 2007 AIHA Publication on methlab assessment and remediation.

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**APPENDIX G**  
**COMPACT DIGITAL DISC**