FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

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

3415 E 29 Ave. Denver, CO 80205

Prepared for:
Kristi Capps
1278 Aspen Drive
Evergreen, CO 80439

Prepared by:

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

July 15, 2010

Table of Contents

EXECUTIVE SUMMARY

On Thursday, April 1, 2010, personnel from Forensic Applications Consulting Technologies, Inc. (FACTs) were contracted to perform a standard cursory evaluation for the presence of methamphetamine at 3415 E 29th Ave., Denver, CO 80205 (the subject property). Samples taken during the cursory evaluation conclusively demonstrated the presence of methamphetamine contamination at the residence.

On April 14, 2010, personnel from FACTs performed a State mandated Preliminary Assessment pursuant to Colorado Regulation 6 CCR 1014-43, Part 4, and issued the data package on April 28, 2010.

Between April 28, 2010 and June 29, 2010 authorized remediation activities were conducted at the subject property by Crystal Clean Decontamination LLC (the remediator).

On June 2, 2010, FACTs performed post mitigation sampling pursuant to State Regulations, and determined that additional cleaning was required in the garage and the kitchen areas.

Between June 2, 2010 and June 15, 2010 Crystal Clean Decontamination LLC performed additional cleaning.

On June 15, 2010, FACTs performed post mitigation sampling pursuant to State Regulations, and determined that additional cleaning was required in the kitchen area.

Between June 15, 2010 and June 29, 2010 Crystal Clean Decontamination LLC performed additional cleaning.

On June 29, 2010, FACTs performed post mitigation sampling pursuant to State Regulations, and determined that based on the analytical results of the objective sampling performed by FACTs, 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 non-compliant.

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 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.[1]

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 non-compliant, [2] that area shall be deemed to be compliant with CRS §25-18.5-103 (2) and the Industrial Hygienist shall release the property.[3]

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. This decontamination verification was performed by Mr. Caoimhín P. Connell, Forensic Industrial Hygienist, who meets the statutory definition and is entitled to

[1] 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.

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

[3] 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.

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:

Mandatory Final Documents 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	✓
§8.12	Analytical Description and Laboratory QA/QC	✓
§8.13	Location and results of initial sampling with figures	Note 1
§8.14	FACTs health and safety procedures in accordance with OSHA	✓
§8.15	Contractor's description of decontamination procedures and each area that was decontaminated	Note 2
§8.16	Contractor's description of removal procedures each area where removal was conducted, and the materials removed	Note 2
§8.17	Contractor's description of encapsulation areas and materials	Note 2
§8.18	Contractor's description of waste management procedures	Note 2
§8.19	Drawing, location and results of final verification samples	✓
§8.20	FACTs Pre-remediation photographs and log	Note 1
	FACTs Post-remediation photographs and log	✓
§8.21	FACTs SOQ	✓
§8.22	Certification of procedures, results, and variations	✓
§8.23	Mandatory Certification Language	✓
§8.24	Signature Sheet	✓
NA	Analytical Laboratory Reports	✓
	FACTs final closeout inventory document	✓
	Available Law Enforcement documents	✓
	FACTs Field Sampling Forms	✓

Note 1: See the Preliminary Assessment dated April 28, 2010 (included with this Decision Statement on the DVD) and filed with the Governing Body.
Note 2: See attached DVD

Table 1
Inventory of Mandatory Final Information

VERIFICATION SAMPLING

Inspection

During the final inspection, FACTs did not observe any visual indicators that would support the primary hypothesis of noncompliance. However, on two occasions, the results of the final verification sampling indicated non-compliance.

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 random sampling within each functional space would be most appropriate.

The *general* sample location within each functional space was randomly identified by the input of an unpredictable number, whose output was a function of a simple algorithm. In this way, every and all surfaces had an equal probability of being sampled, and the Industrial Hygienist had no way of knowing the exact location of the sample. Once the algorithm identified the *general* sample location, each possible sample area was assigned a numerical value, and the final sampling location was determined by the algorithm. If the resultant surface was deemed by professional judgment to be a suitable surface, the sample would be collected. Surfaces with an intrinsic low probability of contamination were excluded from consideration (e.g. windows, water basins or water catchment areas, faucets, etc.). 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# G1003 and G1004). Each pad was moistened with reagent grade methyl alcohol (FACTs Lot# A0901). 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.

ID	Sample Location	Area cm2	Result (µg/100cm2)	Threshold (µg/100cm2)	Status
CM060210-01	Living Room S wall	523	0.093	0.50	PASS
CM060210-02	Bedroom Hall, E wall at linen closet	523	0.015	0.50	PASS
CM060210-03	Bathroom south wall	523	0.258	0.50	PASS
CM060210-04	NW Bedroom, north wall	516	0.303	0.50	PASS
CM060210-05	Blank	NA	BDL	<0.03	PASS
CM060210-06	SW Bedroom, floor	523	0.268	0.50	PASS
CM060210-07	Kitchen – Laundry, E wall	523	0.514	0.50	FAIL
CM060210-08	Attic, exhaust stack	1277	0.002	0.50	PASS
CM060210-09	Garage, door rail	503	0.729	0.50	FAIL
CM060210-10	Crawlspace, central supply duct	2181	0.025	0.50	PASS
CM061510-01	Kitchen, E wall	523	0.765	0.50	FAIL
CM061510-02	Garage, iron gas line	503	0.027	0.50	PASS
OM061510-06	Blank	NA	BDL	<0.03	PASS
OM061510-09	Blank	NA	BDL	<0.03	PASS
CM062910-01	Blank	NA	BDL	<0.03	PASS
CM062910-02	Kitchen, E wall	523	0.232	0.50	PASS

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

Table 2
Summary of Final Sample Results

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.

Sample Locations

The drawing below identifies the location of each verification sample.

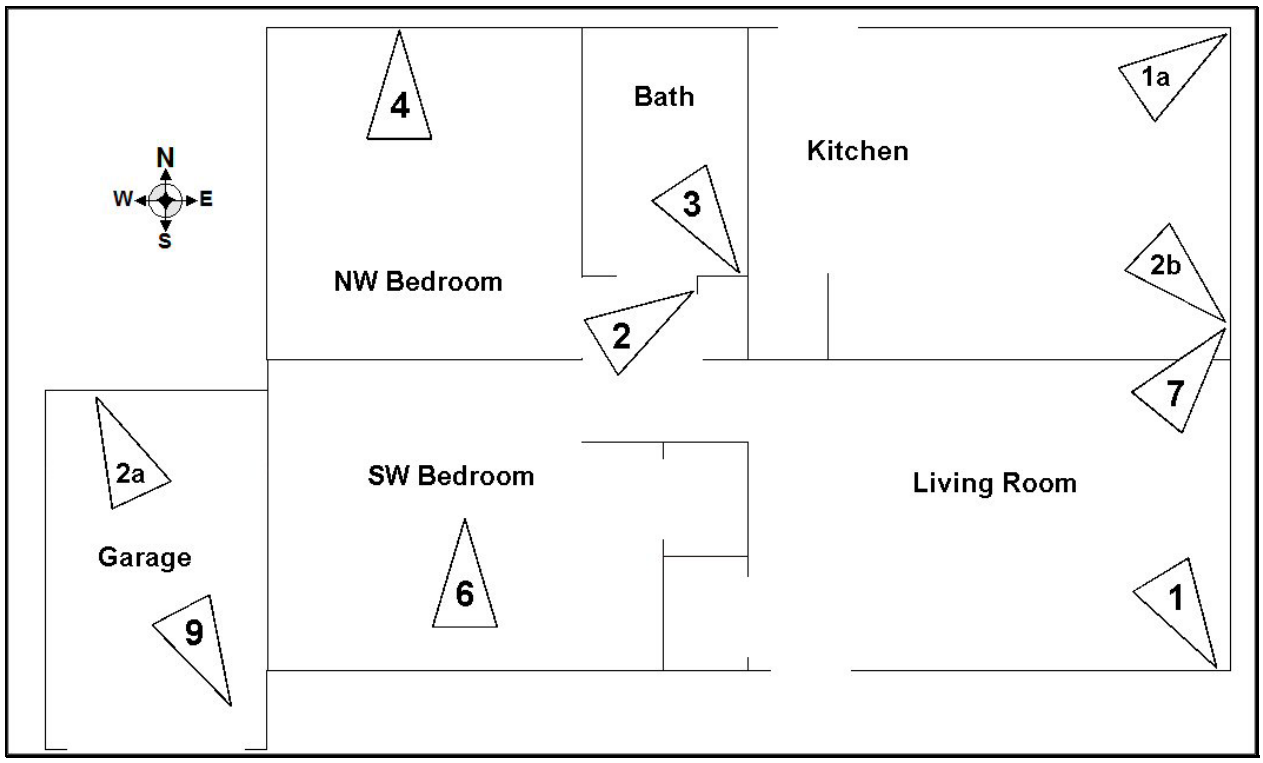


Figure 1
Locations of Final Verification Samples
Main Floor - Not To Scale

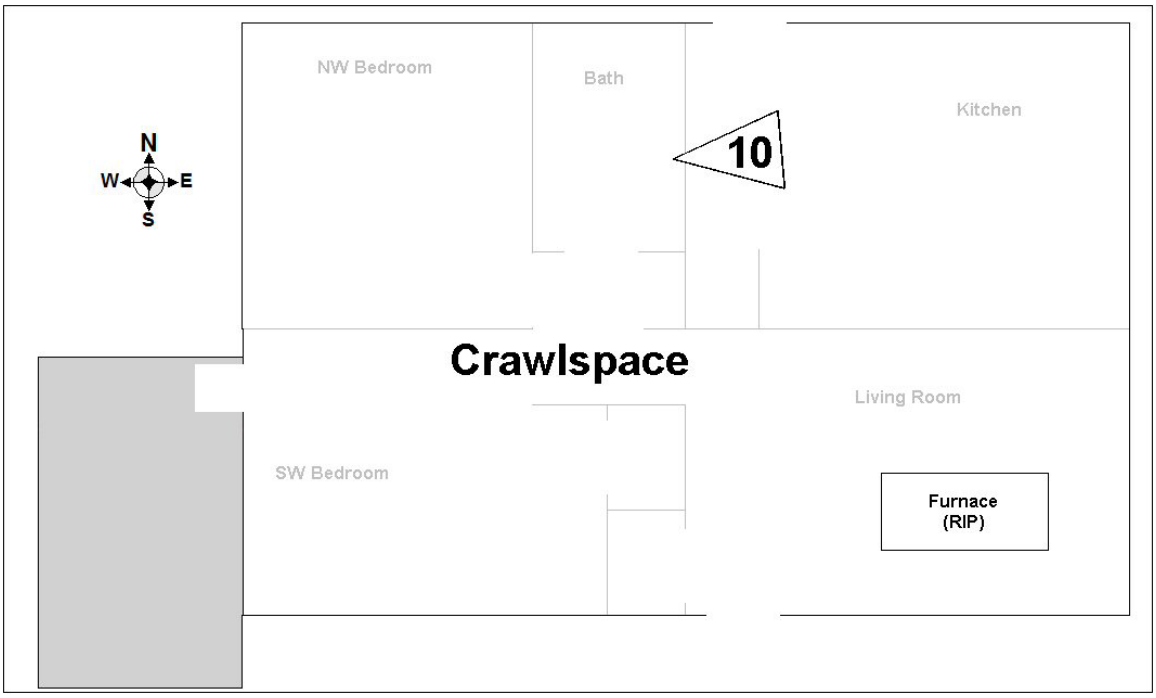


Figure 2
Locations of Final Verification Samples
Crawlspace - Not To Scale

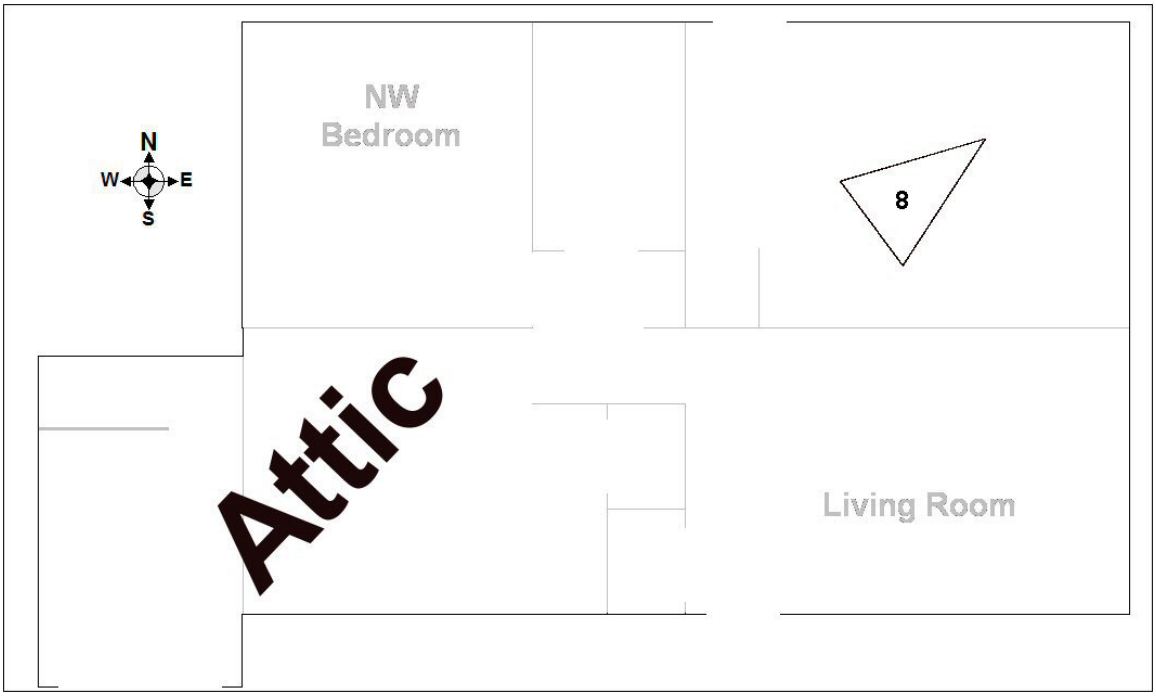


Figure 3
Locations of Final Verification Samples
Attic- Not To Scale

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.

Initial Final Verification

MDL was 0.004 µg; LOQ was 0.03 µg; MBX <MDL; LCS 0.1 µg (RPD 1%, recovery =99%); Matrix spike 0.02 µg (RPD <1%; recovery 100%); Matrix spike Dup is 0.02 µg (RPD <1%; recovery 100%); Surrogate recovery (all samples): High 105% (Sample 7), Low 93% (Sample 9); FACTs reagents: MeOH lot #A0901 <MDL for n=14; Gauze lot #G1004 <MDL for n=3.

The QA/QC indicate the data met the data quality objectives; and the results appear to exhibit no net bias.

Second Final Verification

MDL was 0.004 µg; LOQ was 0.03 µg; MBX <MDL; LCS 0.1 µg (RPD 1%, recovery =99%); Matrix spike 0.02 µg (RPD <1%; recovery 100%); Matrix spike Dup is 0.02 µg (RPD 10%; recovery 90%); Surrogate recovery (all samples): High 104% (Sample 2), Low 100% (Sample 1); FACTs reagents: MeOH lot #A0901 <MDL for n=15; Gauze lot #G1004 <MDL for n=4.

The QA/QC indicate the data met the data quality objectives; and the results appear to exhibit no net bias.

Third Final Verification

MDL was 0.004 µg; LOQ was 0.03 µg; MBX <MDL; LCS 0.1 µg (RPD 2%, recovery =98%); Matrix spike 0.02 µg (RPD <1%; recovery 100%); Matrix spike Dup is 0.02 µg (RPD <1%; recovery 100%); Surrogate recovery (all samples): High 98% (Sample 2), Low 97% (Sample 1); FACTs reagents: MeOH lot #A0901 <MDL for n=16; Gauze lot #G1004 <MDL for n=5.

The QA/QC indicate the data met the data quality objectives; and the results appear to exhibit a net negative bias.

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, hollow wall cavities and other 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[4] 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 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 3415 East 29th Avenue, Denver, 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;

Mr. Gene Hook
Environmental Protection Specialist
City and County of Denver
Department of Environmental Health
Environmental Protection Division
201 W. Colfax Ave., Dept. #1009
Denver, CO 80202

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.

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

Appendix A
Remediator's Submittals

Crystal Clean Decontamination, llc

2594 S Wolff St., Denver CO 80210
303.884.5489 direct / 303.975.9972 fax
PRiley@crystalcleandecon.com

July 11, 2010

Summary: 3415 E 29 Ave.
Denver CO 80205

Crystal Clean Decontamination, llc (CCD) began decontamination of the subject property on May 5, 2010

8.14 A minimum of level "C" PPE was worn at all times while workers were inside of the subject property.

8.15 The attic was HEPA vacuumed twice after all of the blown-in insulation was removed. The HVAC system was removed, the crawl space had approximately 2 inches of soil removed, and all exposed surfaces were HEPA vacuumed. The interior living space was HEPA vacuumed and cleaned using industrial equipment and detergents. All effluent collected had a cellulose binder added, after this solidified it was disposed of with the other solid waste.

8.16 All functional spaces including the attic, garage and crawl space were emptied of all none structural components. All debris was placed in a 40 cubic yard enclosed roll off container that was placed in the driveway. The container was provided by Allied Waste. (See manifest)

8.16 No encapsulation was performed on this project.

- CCD returned twice to the subject property to perform additional cleaning in the kitchen in order to meet the clearance standard.

Appendix B
Post-Remediation Photograph Log Sheet

POST-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name: Capps	Form # ML9
Date:July 15, 2010	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Name	Date taken
Attic	6/2/2010 11:18
Attic (2)	6/2/2010 11:18
Attic (3)	6/2/2010 11:19
Attic (4)	6/2/2010 11:19
Attic (5)	6/2/2010 11:19
Attic (6)	6/2/2010 11:19
Attic (7)	6/2/2010 11:19
Bathroom	6/2/2010 10:44
Bathroom (2)	6/2/2010 10:55
Bathroom (3)	6/2/2010 10:55
Bathroom (4)	6/2/2010 10:55
Bathroom (5)	6/2/2010 10:55
Bed Hall	6/2/2010 11:02
Crawlspace	6/2/2010 11:26
Crawlspace (2)	6/2/2010 11:26
Crawlspace (3)	6/2/2010 11:26
Crawlspace (4)	6/2/2010 11:26
Crawlspace (5)	6/2/2010 11:26
Crawlspace (6)	6/2/2010 11:27
Crawlspace (7)	6/2/2010 11:27
Crawlspace (8)	6/2/2010 11:27
Crawlspace (9)	6/2/2010 11:28
Crawlspace (10)	6/2/2010 11:30
Crawlspace (11)	6/2/2010 11:30
Exterior	6/2/2010 10:26

Name	Date taken
Exterior (2)	6/2/2010 10:26
Exterior (3)	6/2/2010 10:26
Exterior (4)	6/2/2010 10:35
Exterior (5)	6/2/2010 10:35
Exterior (6)	6/2/2010 10:35
Exterior (7)	6/2/2010 11:34
Exterior (8)	6/2/2010 11:34
Exterior (9)	6/2/2010 11:35
Exterior (10)	6/2/2010 11:35
Exterior (11)	6/2/2010 11:35
Exterior (12)	6/2/2010 11:35
Exterior (13)	6/2/2010 11:35
Exterior (14)	6/2/2010 11:35
Exterior (15)	6/2/2010 11:35
Exterior (16)	6/2/2010 11:35
Exterior (17)	6/2/2010 11:35
Exterior (18)	6/2/2010 11:35
Garage	6/2/2010 11:33
Hall closet	6/2/2010 10:44
Kitchen	6/2/2010 10:41
Kitchen (2)	6/2/2010 10:41
Kitchen (3)	6/2/2010 10:43
Kitchen (4)	6/2/2010 10:43
Living Room	6/2/2010 10:32
Living Room (2)	6/2/2010 10:32

Post-Remediation Photograph Log Sheet

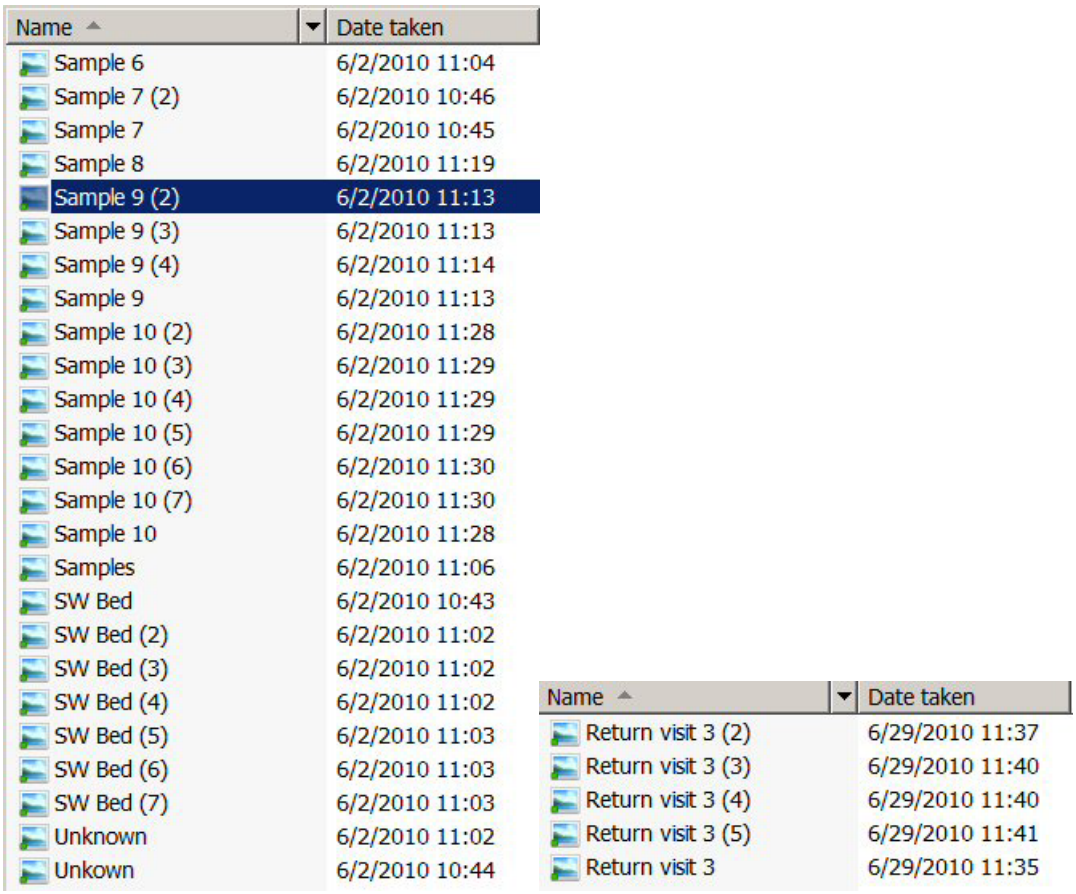
FACTs project name: Capps	Form # ML9
Date:July 15, 2010	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Name	Date taken
Living Room (3)	6/2/2010 10:32
Living Room (4)	6/2/2010 10:38
Living Room (5)	6/2/2010 10:38
Living Room (6)	6/2/2010 10:38
Living room (7)	6/2/2010 11:03
Living Room (8)	6/2/2010 11:03
Living Room (9)	6/2/2010 11:03
Living Room (10)	6/2/2010 11:04
Living Room (11)	6/2/2010 11:06
NW Bed	6/2/2010 10:43
NW Bed (2)	6/2/2010 10:44
NW Bed (3)	6/2/2010 10:44
NW Bed (4)	6/2/2010 10:54
NW Bed (5)	6/2/2010 10:54
Return visit 2 (2)	6/15/2010 09:54
Return visit 2 (3)	6/15/2010 09:54
Return visit 2 (4)	6/15/2010 10:13
Return visit 2 (5)	6/15/2010 10:08
Return visit 2 (6)	6/15/2010 10:08
Return visit 2 (7)	6/15/2010 10:05
Return visit 2 (8)	6/15/2010 09:54
Return visit 2 (9)	6/15/2010 09:54
Return visit 2 (10)	6/15/2010 09:58
Return visit 2 (11)	6/15/2010 09:58
Return visit 2 (12)	6/15/2010 09:59

Name	Date taken
Return visit 2 (13)	6/15/2010 09:59
Return visit 2 (14)	6/15/2010 09:59
Return visit 2 (15)	6/15/2010 09:59
Return visit 2 (16)	6/15/2010 10:01
Return visit 2 (17)	6/15/2010 10:01
Return visit 2 (18)	6/15/2010 10:05
Return visit 2 (19)	6/15/2010 10:05
Return visit 2 (20)	6/15/2010 10:05
Return visit 2	6/15/2010 09:54
Sample 2 (2)	6/2/2010 10:53
Sample 2 (3)	6/2/2010 10:53
Sample 2	6/2/2010 10:53
Sample 3 (2)	6/2/2010 10:58
Sample 3	6/2/2010 10:57
Sample 4 (2)	6/2/2010 10:59
Sample 4 (3)	6/2/2010 10:59
Sample 4 (4)	6/2/2010 11:00
Sample 4 (5)	6/2/2010 11:00
Sample 4	6/2/2010 10:58
Sample 6 (2)	6/2/2010 11:04
Sample 6	6/2/2010 11:04
Sample 7 (2)	6/2/2010 10:46
Sample 7	6/2/2010 10:45
Sample 8	6/2/2010 11:19
Sample 9 (2)	6/2/2010 11:13

Post-Remediation Photograph Log Sheet

FACTs project name: Capps	Form # ML9
Date:July 15, 2010	
Reporting IH:	Caoimhín P. Connell, Forensic IH



Name	Date taken
Sample 6	6/2/2010 11:04
Sample 7 (2)	6/2/2010 10:46
Sample 7	6/2/2010 10:45
Sample 8	6/2/2010 11:19
Sample 9 (2)	6/2/2010 11:13
Sample 9 (3)	6/2/2010 11:13
Sample 9 (4)	6/2/2010 11:14
Sample 9	6/2/2010 11:13
Sample 10 (2)	6/2/2010 11:28
Sample 10 (3)	6/2/2010 11:29
Sample 10 (4)	6/2/2010 11:29
Sample 10 (5)	6/2/2010 11:29
Sample 10 (6)	6/2/2010 11:30
Sample 10 (7)	6/2/2010 11:30
Sample 10	6/2/2010 11:28
Samples	6/2/2010 11:06
SW Bed	6/2/2010 10:43
SW Bed (2)	6/2/2010 11:02
SW Bed (3)	6/2/2010 11:02
SW Bed (4)	6/2/2010 11:02
SW Bed (5)	6/2/2010 11:03
SW Bed (6)	6/2/2010 11:03
SW Bed (7)	6/2/2010 11:03
Unknown	6/2/2010 11:02
Unkown	6/2/2010 10:44

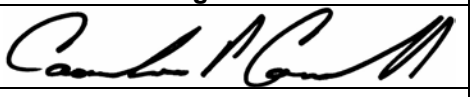
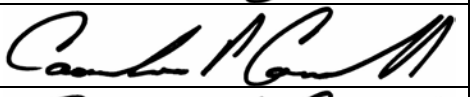
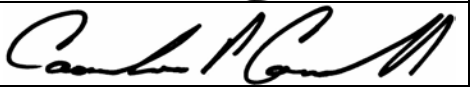
Name	Date taken
Return visit 3 (2)	6/29/2010 11:37
Return visit 3 (3)	6/29/2010 11:40
Return visit 3 (4)	6/29/2010 11:40
Return visit 3 (5)	6/29/2010 11:41
Return visit 3	6/29/2010 11:35

Appendix C
Final Certification Signature Sheet

Certification, Variations and Signature sheet

FACTs project name: Capps	**Form # ML14**
Date: July 15, 2010	
Reporting IH:	**Caoimhín P. Connell, Forensic IH**

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.	XXXXXXXXXXXX
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.

No known deviations.

Pursuant to the language required in 6 CCR 1014-3, § 8:

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: July 15, 2010

Appendix D
Field Data Sheets and Analytical Submittals

ANALYTICAL CHEMISTRY INC.

Established in 1979

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

Website: www.acilabs.com

Phone: 206-622-8353
E-mail: info@acilabs.com

Lab Reference:	10132-09
Date Received:	June 4, 2010
Date Completed:	June 7, 2010

June 8, 2010

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

CLIENT REF: Capps

SAMPLES: wipes/10

ANALYSIS: Methamphetamine by Gas Chromatography-Mass Spectrometry.

RESULTS: in total micrograms (ug)

Sample	*Methamphetamine, ug*	*% Surrogate Recovery*
CM060210-01	0.485	98
CM060210-02	0.076	101
CM060210-03	1.35	101
CM060210-04	1.25	104
CM060210-05	< 0.030	99
CM060210-06	1.40	98
CM060210-07	2.15	105
CM060210-08	< 0.030	100
CM060210-09	3.30	93
CM060210-10	0.556	103
QA/QC Method Blank	< 0.004	
QC 0.100 ug Standard	0.099	
QA 0.020 ug Matrix Spike	0.020	
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.

4611 S 134th Pl, Ste 200 Tukwila WA 98168-3240
Website: www.acilabs.com
Phone: 206-622-8353
FAX: 206-622-4623

CDL SAMPLING & CUSTODY FORM

Please do not write in shaded areas.

				ANALYSIS REQUESTED	
SAMPLING DATE:	June 2, 2010	REPORT TO:	Caoimhín P. Connell	1	Methamphetamine
PROJECT Name/No:	Capps	COMPANY:	Forensic Applications, Inc.	2	Use entire contents
eMail:	Fiosrach@aol.com	ADDRESS:	185 Bounty Hunters Lane, Bailey, CO 80421	3	
SAMPLER NAME:	Caoimhín P. Connell	PHONE	303-903-7494	4	
				5	
				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			
	CMØ6Ø21Ø-Ø1	X			X	X							1
	CMØ6Ø21Ø-Ø2	X			X	X							1
	CMØ6Ø21Ø-Ø3	X			X	X							1
	CMØ6Ø21Ø-Ø4	X			X	X							1
	CMØ6Ø21Ø-Ø5	X			X	X							1
	CMØ6Ø21Ø-Ø6	X			X	X							1
	CMØ6Ø21Ø-Ø7	X			X	X							1
	CMØ6Ø21Ø-Ø8	X			X	X							1
	CMØ6Ø21Ø-Ø9	X			X	X							1
	CMØ6Ø21Ø-1Ø	X			X	X							1

CHAIN OF CUSTODY RECORD | **Wipes Results in:** ☐ µg/100cm² ☒ Total µg | **Total Number of Containers** (verified by laboratory) 10

PRINT NAME	Signature	COMPANY	DATE	TIME	Turnaround Time			
Caoimhín P. Connell		FACTs, Inc.	6/2/10	1355	☐ 24 Hours (2X)	Custody Seals:	Yes	No
MIA SAZON		ACI	6/4/10	1502	☐ 2 Days (1.75X)	Container:	Intact	Broken
					☐ 3 Days (1.5X)	Temperature:	Ambient	Cooled
					☒ Routine	Inspected By:	MIA SAZON	
						Lab File No.	10132-09	

Sampling Field Form

FACTs project name: Capps	**Form # ML17**
Date: June 29, 2010	**Alcohol Lot#: AØ9Ø1 Gauze Lot#: G1ØØ4**
Reporting IH: Caoimhín P. Connell, Forensic IH	**Preliminary _____ Intermediate____ Final X**

Sample ID CMØ6291Ø-	Type	Location	Funct. Space	Dimensions	Substrate
-Ø1	W	Field blank		NA	
-Ø2	W	Kitchen, east wall, lower south corner		9" X 9"	Plaster

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

ANALYTICAL CHEMISTRY INC.

Established in 1979

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

Website: www.acilabs.com

Phone: 206-622-8353
E-mail: info@acilabs.com

Lab Reference:	10140-05
Date Received:	July 2, 2010
Date Completed:	July 7, 2010

July 7, 2010

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

CLIENT REF: Capps

SAMPLES: wipes/2

ANALYSIS: Methamphetamine by Gas Chromatography-Mass Spectrometry.

RESULTS: in total micrograms (ug)

Sample	***Methamphetamine, ug***	***% Surrogate Recovery***
CM062910-01	< 0.030	97
CM062910-02	1.09	98
QA/QC Method Blank	< 0.004	
QC 0.100 ug Standard	0.098	
QA 0.020 ug Matrix Spike	0.020	
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.

4611 S 134th Pl, Ste 200 Tukwila WA 98168-3240
Website: www.acilabs.com
Phone: 206-622-8353
FAX: 206-622-4623

CDL SAMPLING & CUSTODY FORM

Please do not write in shaded areas.

				ANALYSIS REQUESTED	
SAMPLING DATE:	6/29 , 2010	REPORT TO:	Caoimhín P. Connell	1	Methamphetamine
PROJECT Name/No:	Capps	COMPANY:	Forensic Applications, Inc.	2	Use entire contents
eMail:	Fiosrach@aol.com	ADDRESS:	185 Bounty Hunters Lane, Bailey, CO 80421	3	Nicotine
SAMPLER NAME:	Caoimhín P. Connell	PHONE	303-903-7494	4	Amphetamines
				5	
				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			
	CM062910-01	X			X	X							1
	CM062910-02	X			X	X							1
					X								
					X								
					X								
					X								
					X								
					X								
					X								
					X								

CHAIN OF CUSTODY RECORD

Wipes Results in: ☐ µg/100cm² ☒ Total µg

Total Number of Containers (verified by laboratory) 2

PRINT NAME	Signature	COMPANY	DATE	TIME	Turnaround Time		
Caoimhín P. Connell		FACTs, Inc.	6/30/2010	10:30 PM	☐ 24 Hours (2X)	Custody Seals:	Yes / No
MIA SAZON		ACI	7/2/10	1500	☐ 2 Days (1.75X)	Container:	Intact / Broken
					☐ 3 Days (1.5X)	Temperature:	Ambient / Cooled
					☒ Routine	Inspected By:	MIA SAZON
						Lab File No.	10140-05

ANALYTICAL CHEMISTRY INC.

Established in 1979

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

Website: www.acilabs.com

Phone: 206-622-8353
E-mail: info@acilabs.com

Lab Reference:	10135-08
Date Received:	June 18, 2010
Date Completed:	June 22, 2010

June 22, 2010

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

CLIENT REF: E29th

SAMPLES: wipes/2

ANALYSIS: Methamphetamine by Gas Chromatography-Mass Spectrometry.

RESULTS: in total micrograms (ug)

Sample	***Methamphetamine, ug***	***% Surrogate Recovery***
CM061510-01	3.63	100
CM061510-02	0.122	104
QA/QC Method Blank	< 0.004	
QC 0.100 ug Standard	0.100	
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.

4611 S 134th Pl, Ste 200 Tukwila WA 98168-3240
Website: www.acilabs.com
Phone: 206-622-8353
FAX: 206-622-4623

CDL SAMPLING & CUSTODY FORM

Please do not write in shaded areas.

				ANALYSIS REQUESTED	
SAMPLING DATE:	June 15, 2010	REPORT TO:	Caoimhín P. Connell	1	Methamphetamine
PROJECT Name/No:	E29th	COMPANY:	Forensic Applications, Inc.	2	Use entire contents
eMail:	Fiosrach@aol.com	ADDRESS:	185 Bounty Hunters Lane, Bailey, CO 80421	3	
				4	
SAMPLER NAME:	Caoimhín P. Connell	PHONE	303-903-7494	5	
				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			
	CMØ6151Ø-Ø1	X			X	X							1
	CMØ6151Ø-Ø2	X			X	X							1
	CMØ6151Ø-Ø3	X			X	X	X						0

CHAIN OF CUSTODY RECORD

Wipes Results in: ☐ µg/100cm² ☒ Total µg

Total Number of Containers (verified by laboratory) 2

PRINT NAME	Signature	COMPANY	DATE	TIME	Turnaround Time		
Caoimhín P. Connell		FACTs, Inc.	6/15/10	1625	☐ 24 Hours (2X)	Custody Seals:	Yes / No
MIA SAZON		ACI	6/18/10	1400	☐ 2 Days (1.75X)	Container:	Intact / Broken
					☐ 3 Days (1.5X)	Temperature:	Ambient / Cooled
					☒ Routine	Inspected By:	MIA SAZON
						Lab File No.	10135-08

SAMPLING FIELD FORM

FACTs project name: Capps	**Form # ML17**
Date: June 2, 2010	**Alcohol Lot#: AØ9Ø1 Gauze Lot#: G1ØØ3**
Reporting IH: Cáoimhín P. Connell, Forensic IH	**Preliminary ___ Intermediate____ Final X**

	Sample ID CMØ6Ø21Ø-	Type	Location	Func. Space	Dimensions (inches)	Substrate
	-Ø1	W	LIVING ROOM 9"X9" ON FLOOR	1	9X9	V-W
	- Ø2	W	BEDROOM/HALLWAY/LINEN CLOSET EAST WALL	2	~~9X9~~ 18X4.5	P-PLASTER
	- Ø3	W	BATHROOM SOUTH WALL	3	9X9	P. PLASTER
*	- Ø4	W	NW BED ROOM NORTH WALL	4	2X40	P- PLASTER
	- Ø5	W	BX			
	- Ø6	W	SOUTH WEST BED ROOM FLOOR	5	9X9	V - W
*	- Ø7	W	KITCHEN / LAUNDRY AREA (AUTHORITATIVE BIAS SAMPLE)*	6	9X9 (20% UNDER SAMPLED)	PLASTER/LATH
	- Ø8	W	ATTIC - EXHAUST STACK FAR EAST SIDE	7	3X18	METAL GALV
*	- Ø9	W	GARAGE TOP OF RAIL EAST SIDE 10%	8	1.25X60	METAL
	-1Ø	W	CRAWLSPACE - PVC PLASTIC	9	½ CIRCUMDIA 2.25 X	PVC
X	-11	W	FURNACE - REMOVED	10	40"	

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

SAMPLE 7 - AUTHORITATIVE BIAS SAMPLE 20% UNDER SAMPLED.
SAMPLE 4 - AUTHORITATIVE BIAS SAMPLE 20% UNDER SAMPLED
FURNACE REMOVED
SAMPLE 9 - 10 % UNDER SAMPLED AUTHORITATIVE BIAS SAMPLE

* - FURNACE REMOVED # 11

SAMPLING FIELD FORM

FACTs project name: E29th	**Form # ML17**
Date: June 15, 2010	**Alcohol Lot#: AØ9Ø1 Gauze Lot#: G1ØØ4**
Reporting IH: Caoimhín P. Connell, Forensic IH	**Preliminary _____ Intermediate____ Final____**

Sample ID CMØ6151Ø-	Type	Location	Funct. Space	Dimensions	Substrate
-Ø1	W	KITCHEN EAST WALL NORTH CORNER @ CEILING JUNCTION		9X9	PLASTER
-Ø2	W	GARAGE IRON PIPE ALONG NORTH SIDE		~~36X1.5~~ 63X1.5	IRON

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

Appendix F
Final Closeout Inventory Document

185 Bounty Hunter's Lane, Bailey, Colorado 80421
Phone: 303-903-7494 http://www.forensic-applications.com

FINAL SAMPLING CHECKLIST

FACTs project name:	**Capps**	**Form # ML18**
Date: July 15, 2010		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Functional Space #	Collected 500 cm^2	General Sampling Considerations	
	?	Floor Space Area of Lab (ft^2)	**1,250**
1	**Yes**	One extra sample is required for every 500 ft^2 of floor space >1,500ft^2. Enter number of extra samples required:	**0**
2	**Yes**	Enter minimum number of final samples required based on floor space.	**5**
3	**Yes**	Enter Number of Functional Spaces to be included	**9**
4	**Yes**	Enter the minimum number of sample required based on the number of functional spaces	**9**
5	**Yes**	Is the lab a motor vehicle?	**no**
6	**Yes**	Does the lab contain motor vehicles?	**no**
7	**Yes**	Enter number of motor vehicles associated with the lab:	**0**
8	**Yes**	Are the vehicles considered functional spaces of the lab?	**na**
9	**Yes**	For vehicles that are merely functional spaces, one extra 500 cm^2 sample is required for each vehicle. Enter the number of extra samples for functional space vehicles:	**0**
		Enter number of large vehicles (campers, trailers, etc)	**0**
		One extra sample is required for every 50 ft^2 of floor space of large vehicles. Enter number of extra samples required:	**0**
		Enter total number of samples to be collected.	**9**
		One BX must be included for every 10 samples. Enter the number of BX required.	**1**
		Enter total number of samples/BXs required	**10**
		Enter total number of samples/BXs actually collected	**16**
		Collected a minimum of 5 samples from the lab?	**yes**
		Collected a minimum of 3 discrete samples from the lab?	**yes**
		Collected minimum of 500 cm^2 per functional space?	**yes**
		Collected minimum of 1,000 cm^2 surface area from the lab?	**yes**
		Sketch of the sample locations performed?	**yes**

Appendix F
Industrial Hygienist's SOQ

185 Bounty Hunter's Lane, Bailey, Colorado 80421
Phone: 303-903-7494 http://www.forensic-applications.com

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:	**Capps**	**Form # ML15**
Date July 15, 2010		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

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

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 200 hours of methlab training for officers of over 25 Colorado Police agencies, 20 Sheriff's Offices, federal agents, and probation and parole officers from the 2nd, 7th and 9th 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, 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), and the Occupational Hygiene Society of Ireland. Mr. Connell is an 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 American Industrial Hygiene Association.

He has received over 120 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 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."

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 condominia. Mr. Connell has conducted over 170 assessments in illegal drug labs, and collected over 1,500 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 private consumers, state officials and Federal Government representatives with forensic 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.

Appendix G
Compact Digital Disc

185 Bounty Hunter's Lane, Bailey, Colorado 80421
Phone: 303-903-7494 http://www.forensic-applications.com