



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

**Preliminary Assessment and
Decision Statement
of an
Identified Illegal Drug Laboratory
at
6832 Snowshoe Trail
Evergreen, Colorado**

Prepared for:

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Wyatt Group Realty
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Prepared by:

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August 20, 2008

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EXECUTIVE SUMMARY

On Monday, January 7, 2008 Forensic Applications Consulting Technologies, Inc. (FACTs) was contracted to perform a standard cursory evaluation for the presence of methamphetamine at 6832 Snowshoe Trail, in Evergreen, Colorado (the subject property). The analysis results of the cursory sampling confirmed the presence of methamphetamine at the residence, and indicated the contamination may have been marginal.

Pursuant to CRS §25-18.5-101 *et seq.*, on Friday, July 25, 2008, FACTs performed a State mandated Preliminary Assessment as defined by Colorado State Board of Health Regulation 6 CCR 1013-4. Pursuant to those regulations, this document serves as both the Preliminary Assessment¹ and the Final Report of verification sampling resulting in a Decision Statement.²

In strict adherence to State statutes and State regulations, FACTs has determined the following:

- An illegal drug lab, as that term is defined in CRS §25-18.5-101, existed at the subject property at the time of our assessment.
- A Class 1 Public Nuisance, as defined in CRS §16-13-303(1) existed at the property at the time of our assessment.
- The presence of methamphetamine was confirmed to be present at the property at the time of our assessment.
- Pursuant to the state-of-knowledge toxicological risk models developed by the State of Colorado,³ the concentrations of methamphetamine in the subject property were not sufficiently elevated to be considered a “contaminant” as that term is defined in 6 CCR 1014-3 (§3).
- Pursuant to 6 CCR 1014-3 (Mandatory Appendix A) FACTs hereby issues, by virtue of this document, a *Decision Statement*⁴ affirming the following:

¹ The Colorado State Board Of Health Regulations Pertaining to the Cleanup of Methamphetamine Laboratories, 6-CCR 1014-3 (§4)

² Ibid. (§8)

³ Hammon T, Griffin S, *Support For Selection Of A Cleanup Level For Methamphetamine At Clandestine Drug Laboratories*, Colorado Department of Public Health and Environment, February 2005

⁴ 6-CCR 1014-3, Appendix A: If, based on the totality of the circumstances, the consultant finds that insufficient evidence exists to support the hypothesis that any given area is non-compliant, that area shall be deemed to be compliant with section 25-18.5-103 (2), C.R.S., and shall be released. If objective



- a. The initial hypothesis was rejected and the initial null hypothesis was accepted (sufficient evidence existed to confirm the presence of methamphetamine).
 - b. Upon the performance of the required *Preliminary Assessment*, the second hypothesis was sequentially tested, and no support was found; the null hypothesis was accepted (the presence of trace amounts of methamphetamine notwithstanding); the property was found to be compliant.
- Pursuant to this *Decision Statement*, FACTs recommends the property be released for immediate reoccupancy; no residual contaminants were found at concentrations that may present an immediate or long-term threat to human health and/or the environment.

BACKGROUND

On Monday, January 7, 2008, the subject property was an unoccupied residential structure on the open real estate market. FACTs was contracted by a perspective buyer to perform a standard cursory evaluation pursuant to CRS §38-35.7-103(2)(a), for the presence of methamphetamine at the subject property.

The data quality objectives of such an assessment is not to determine representative concentrations, nor to characterize the degree or extent of any extant contamination, but rather to merely provide a “Yes” or “No” answer to the question: “Is methamphetamine present at the property, above stated detection limits?”

During the January 7, 2008, assessment, two five part composite samples were collected from various locations at the residence. The composite samples conclusively confirmed the presence of minimal methamphetamine at the property, and a report of our assessment was issued to the perspective buyers on January 12, 2008.

Contrary to common belief, there is no *de minimis* concentration of methamphetamine below which a property may be excluded from the requirements of 6 CCR 1014-3 without the execution of a Preliminary Assessment. As a result of the cursory assessment, a Preliminary Assessment was required.

Based on the information thus gained during the cursory evaluation, the property was “discovered” and the Registered Owner of the property was given “notice” as those terms are found in CRS §25-18.5-103.

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.



On July 18, 2008, The Wyatt Group⁵, the *de facto* Owner's agent, authorized FACTs to perform the required Preliminary Assessment. On July 25, 2008, FACTs revisited the subject property to perform the field work for the Preliminary Assessment.

REGULATORY REQUIREMENTS

Federal Requirements

All work associated with this Preliminary Assessment was performed in a manner consistent with regulations promulgated by the Federal Occupational Safety and Health Administration (OSHA). All FACTs personnel were duly trained and specifically received not fewer than 40 hours of training in clandestine drug lab safety through either the US DEA or Colorado Department of Public Safety, Division of Criminal Justice.

State Requirements

According to Colorado State Regulation 6-CCR 1014-3, following the "discovery" and "notification" of an illegal drug laboratory, as those terms are used in CRS §25-18.5-103, a "Preliminary Assessment" of the property must be conducted. The Preliminary Assessment must be conducted according to specified requirements⁶ by an authorized, and specially trained Industrial Hygienist as that term is defined in CRS §24-30-1402.

County Jurisdiction

Based on the best information available, the Governing Body as defined in CRS §25-18.5-101, with jurisdiction for the subject property is the Jefferson County Department of Health and Environment. The contact for the Governing Body is:

Mr. Craig Sanders
Environmental Protection Supervisor
Jefferson County Department of Health and Environment
1801 19th Street
Golden, CO 80401

PRELIMINARY ASSESSMENT

Pursuant to State regulations, during the Preliminary Assessment, the initial hypothesis is made that the subject area is clean and data is collected to find support for this hypothesis. Any reliable data that disproves the hypothesis, including police records, visual clues of illegal production, any evidence of storage or use; or documentation of drug paraphernalia being present, is considered conclusive, and compels the Industrial Hygienist to accept the null hypothesis and declare the area non-compliant.⁷ The strength of evidence needed to reject the hypothesis is low, and is only that which would lead a

⁵ Wyatt Group Realty, 225 Union Boulevard Unit 300, Lakewood, Colorado 80228

⁶ Section 4 of 6 CCR 1014-3

⁷ Appendix A (mandatory) of 6 CCR 1014-3



reasonable person, trained in aspects of meth laboratories, to conclude the *presence* of methamphetamine, and/or its precursors as related to processing, drug use, storage, or waste products. In this case, the presence of methamphetamine was conclusively confirmed during the cursory evaluation.

Sampling during a Preliminary Assessment is not required. However, if is performed it is conducted in the areas with the highest probability of containing the highest possible concentrations of contaminants. According to the State regulations:⁸

Identification and documentation of areas of contamination. This identification may be based on visual observation, law enforcement reports, proximity to chemical storage areas, waste disposal areas, or cooking areas, or based on professional judgment of the consultant; or the consultant may determine that assessment sampling is necessary to verify the presence or absence of contamination.

Pursuant to the regulations, information obtained during the Preliminary Assessment and those findings enter the public domain, and are not subject to confidentiality.⁹

If the Industrial Hygienist performing the assessment finds *evidence* of contamination, and no Decision Statement is issued, the property owner is required to either remediate the property or demolish the property.¹⁰

Normally, after the preliminary assessment is issued, the subject property is remediated, and an Industrial Hygienist must perform sampling to quantify the remaining contamination or verify that the remediation has reduced the contamination in the property to below statutory limits. If, based on the totality of the circumstances, the Industrial Hygienist fails to find sufficient evidence to support the second hypothesis that any given area is non-compliant, that area shall be deemed to be compliant and a Decision Statement shall be issued, releasing the property. If objective sampling data indicates residual chemical indicators are below the cleanup levels, those data may be used as *prima facie* evidence that insufficient evidence exists to support the hypothesis that any given area is non-compliant.¹¹ In this case, the Preliminary Assessment was designed with final verification sampling in mind, and lead directly to a Decision Statement. The elements of both the Preliminary Assessment and the Decision Statement were met.

Elements of the Preliminary Assessment/ Decision Statement

Specific mandatory information must be presented as part of the complete documentation. This discussion, in it's totality, contains the mandatory information for a Preliminary Assessment and Decision Statement as follows:

⁸ Section 4.6 of 6 CCR 1014-3

⁹ Section 8.26 of 6 CCR 1014-3

¹⁰ Colorado Revised Statutes §25-18.5-103

¹¹ No guarantee is ever made or implied that the property is completely free of contamination. Rather, a reasonable, standardized approach to decontamination is executed.



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

**Table 1
Inventory of Mandatory Elements and Documentation**

Included with this discussion is a read-only digital disc. The digital disc contains mandatory information and photographs required by State regulation for a Preliminary Assessment and Decision Statement. Also included, as appendices, all pertinent documentation associated with the assessment. This Preliminary Assessment is not complete without the digital disc and all associated support documents.



Review of Law Enforcement Documentation

As part of the Preliminary Assessment, FACTs is required by regulation¹² to review available law enforcement documents pertinent to a subject property. During this project, the Jefferson County Sheriff's Office (JCSO) exhibited the highest level of professionalism and cooperated fully with our Preliminary Assessment. Very little documentation was available for the property vis-à-vis controlled substances, or hazardous material responses. None of our other Law Enforcement sources were able to provide any additional information for the property. The address history which FACTs reviewed did not reveal information germane to the presence of controlled substances. Therefore, based on the best information available, there are no records available to indicate any detailed information regarding controlled substance activities at the subject property.

Visual Inspection Of The Property

As part of our Preliminary Assessment, on Friday, July 25, 2008, FACTs personnel performed field work at the subject property. All field personnel, including technicians, were certified¹³ in methamphetamine laboratory entry and assessment.

Pursuant to regulatory requirements, the subject property was assigned into "functional spaces," and indicia inventory and assessment was performed for each functional space.

Upon our July 25, 2008 arrival, we found the property unoccupied and completely emptied of all chattels, furniture, and major appliances.

In the drawing below, we have presented the general layout of the structure and surrounding features.

¹² 6 CCR 1014-3 (Section 4.2)

¹³ Certificates include OSHA 29 CFR 1910.120 Emergency Response (Q); State of Colorado Clandestine Drug Lab Entry (CRCPI, Colorado Division of Public Safety), Rocky Mountain HIDTA, and others.





**Photograph 1
General Layout**

During our assessment, we did not observe any conditions that would suggest stressed vegetation or other observations that would suggest that contaminants had impacted the surrounding soils.

Functional Space Summary

During a Preliminary Assessment, the Industrial Hygienist is required to divide an area into “functional spaces” and evaluate the potential for contamination in each area. The idea is to segment a property into specific areas which may present different potentials for contamination, based on the anticipated use, or function, conducted in that area. Thus, functions of bedrooms and bathrooms may be different, kitchens and living rooms may be in different functional spaces; a building is divided into such areas based solely on professional judgment. The following Functional Spaces have been assigned as described below:



Structure Number	Functional Space Number	Functional space
1	1	Kitchen – Dining Room
1	2	Living Room, Stairwell and entry closet
1	3	Upstairs bathroom
1	4	Upstairs bedrooms, common hallway, and pantry
1	5	Downstairs recreational room
1	6	Downstairs utility room
1	7	Under stairs storage
1	8	Downstairs bathroom
1	9	Downstairs laundry room, and mechanical area
1	10	Downstairs bedroom
1	11	Attic

**Table 2
Functional Space Summary**

Functional Space 1: Kitchen and Dining Room

This Functional Space is delineated as those terms are normally used. These contiguous areas include the back entry. A single discreet sample was collected from this Functional Space. The concentration of methamphetamine as determined from the discrete sample was below the detection limit for the method.

The kitchen contained several non-conclusive visual indicators of controlled substance activity. For this area, and for each subsequent area, the visual indicator inventory is included in Appendix A.

Functional Space 2: Living Room, Entry Stairs, Entry Closet

This area contained several visual indicators and also odors which could indicate controlled substance activity. The concentration of methamphetamine as determined from the discrete sample was 0.01 µg/100 cm².

Functional Space 3: Upstairs Bathroom

This area is directly accessed from the upstairs common hallway. The concentration of methamphetamine as determined from the discrete sample was 0.01 µg/100 cm².

Functional Space 4: Upstairs Bedrooms, Common Hall, and Pantry

This Functional Space was delineated primarily by the common use, and the common presence of the carpet. The concentration of methamphetamine in this functional space as determined from the discrete sample was 0.02 µg/100 cm².

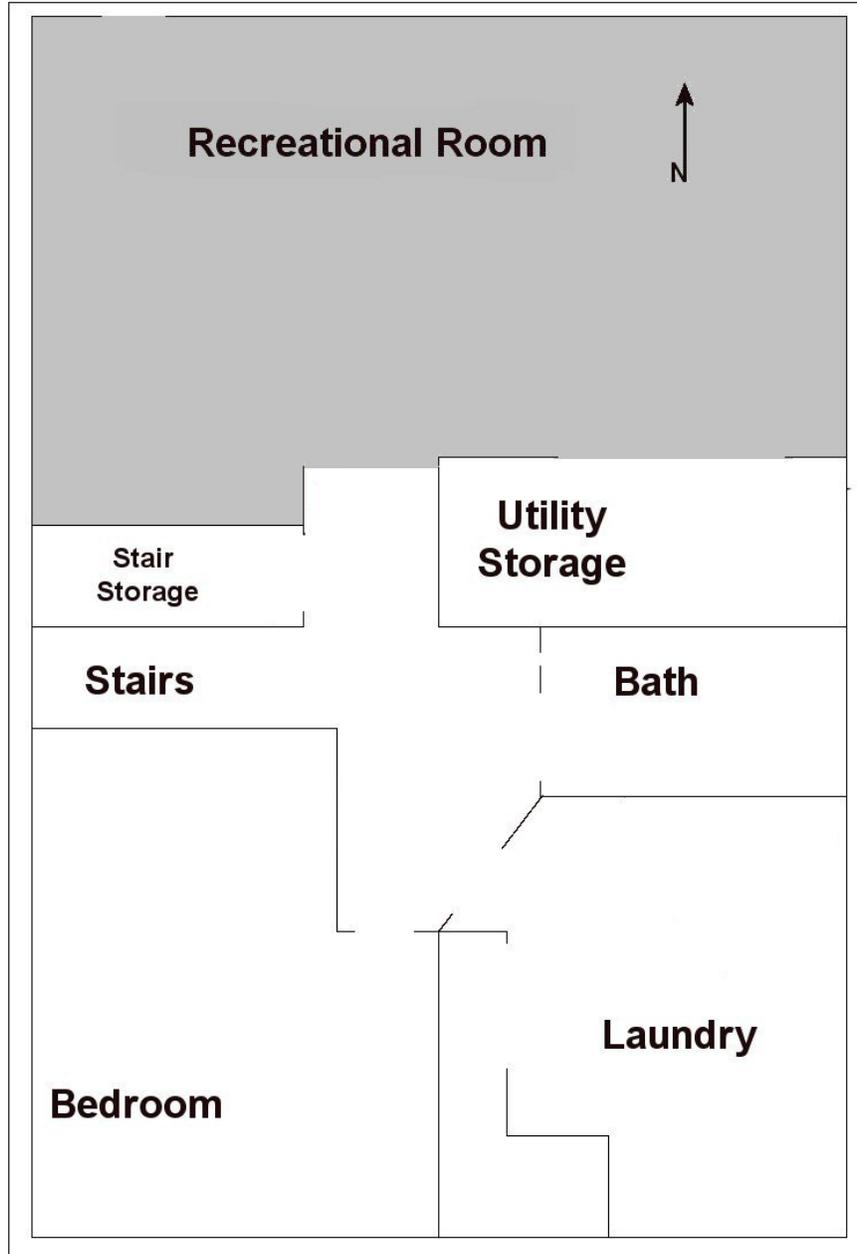
Functional Space 5: Downstairs Recreation Room

The Recreational Room was defined as that term is commonly known and similarly contained various visual indicators. The concentration of methamphetamine in this functional space was the highest observed at the property, and as determined from the discrete sample was 0.08 µg/100 cm².



Identification of Cook/Storage Areas

Based on the best information available, we believe that methamphetamine was not prepared on site, but that the occurrence of methamphetamine was restricted to use and storage primarily in this room (See the shaded area in Figure 1, below).



**Figure 1
Downstairs Cook Area**



Functional Space 6: Downstairs Utility Room

This is an unusual room that is accessed exclusively from the Recreational Room. The actual use of the room was indeterminable. The concentration of methamphetamine in this functional space as determined from the discrete sample was 0.03 µg/100 cm².

Functional Space 7: Under-stairs Storage

This space had visual indicators of extensive use and occupancy, and contained the second highest concentration of methamphetamine observed at the subject property. The concentration of methamphetamine in this Functional Space as determined from the discrete sample was 0.06 µg/100 cm².

Functional Space 8: Downstairs Bathroom

This area is defined as those terms are commonly used. The concentration of methamphetamine in this functional space as determined from the discrete sample was 0.01 µg/100 cm².

Functional Space 9: Downstairs Laundry and Mechanical Room

This Functional Space included the area most likely to have contained the laundry appliances, and also contained the pump reservoir. The concentration of methamphetamine in this functional space as determined from the discrete sample was 0.01 µg/100 cm².

Functional Space 10: Downstairs Bedroom

This Functional Space contained unusual burn marks and a cut-out from the carpet. The concentration of methamphetamine in this functional space as determined from the discrete sample was 0.05 µg/100 cm².

Functional Space 11: Attic

The attic contained evidence of occupancy and use, and was therefore designated a Functional Space. The attic, however, presented a sampling dilemma in that there were no suitable locations from which to collect a final verification sample pursuant to the strictest interpretation of the regulations. Therefore, we collected a sample from the best non-porous surface. However, the available surface area (363 cm²) was slightly smaller than required by regulation (500 cm²); there is no resolution to this issue, due to the fact that when the regulations were developed, we did not anticipate encountering such a situation, and therefore, the regulations do not accommodate these conditions. The concentration of methamphetamine in this functional space as determined from the discrete sample was 0.05 µg/100 cm².

Exterior Grounds

Although not truly a functional space *per se*, the exterior grounds were assessed independently.



As previously described, we did not observe any visual indicators of stressed vegetation and we did not have any information that implicated the exterior grounds as being possibly contaminated.

Individual Sewer and Disposal System

Regulation 6-CCR-1014-3 (§4.11) requires inspection of plumbing system integrity and identification and documentation of potential disposal into the sanitary sewer or an individual sewage disposal system (ISDS). Although the Industrial Hygienist is not required to actually assess the septic system itself unless there are indications of disposal of inappropriate wastes into the ISDS, it is our policy at FACTs to assess the septic system and, usually, to perform subsoil gas analysis to determine if hydrocarbons have leaked from the septic tank or leach field into surrounding soils.

For this project, we used standard pH test strips to test the effluent for acidity/alkalinity, and we used a state of the art broad-range hydrocarbon meter which is capable of detecting virtually all hydrocarbons in the vapor phase, and an acid gas sensor. Our instrument was an Enmet™ Target® Series instrument employing MOS technology. Head space samples were collected from the top of the tank. Using a standard calawasi, we collected a sample from the septic tank.

State statutes require a utilities location to be performed prior to any digging and prior to sinking any soil gas probes. Locator documentation was obtained but since we did not find any indicators that suggested soil gas probe analysis, we did not perform the soil gas evaluation and we did not include the Locator's information in this data package.

Wipe Sample Collection

During this Preliminary Assessment, we collected samples from the subject property in an effort to support the initial hypothesis (the residence was clean (compliant)), and, if applicable, pending sample results and pending the findings of the visual assessment and law enforcement document review, to support the second hypothesis as well (that the area was not clean (noncompliant)). The samples were submitted for analysis to Analytical Chemistry Inc. in Tukwila, Washington.

To protect against the introduction of contaminants into the subject property, all equipment brought into the subject property was staged outside the front door. The ladder used during our assessment had been washed at a car wash prior to entering the building. The Industrial Hygienist and his technician donned new Tyvek suits, and the Industrial Hygienist donned a fresh pair of surgical gloves between each sample.

Wipe Samples

Wipe samples were collected in a manner consistent with State regulations for final verification sampling. The wipe sample medium was commercially available Johnson & Johnson™ gauze. Each gauze material was assigned a lot number for quality assurance and quality control (QA/QC) purposes and recorded on a log of results. Each pad was



moistened with reagent grade methyl alcohol. Each batch of alcohol was assigned a lot number for QA/QC purposes and recorded on a log of results.

Consistent with State Regulations and good sampling theory, the location of the samples was based on professional judgment. In this case, it was FACTs' professional judgment that both judgmental biased sampling and random sampling would be appropriate.

Therefore, during this project, FACTs personnel selected those areas which had the highest probability of exhibiting the highest concentrations of contamination. Based on our experience, state of the art information on indoor methamphetamine migration patterns and professional judgment, FACTs selected specific locations throughout the structures that would be expected to exhibit the worst possible contamination.

Where there were no indicators of any kind, and sampling areas were limited, and building characteristics were not conducive to authoritative sampling, and homogeneous dispersion was anticipated, we used random number generators to locate general areas of sampling. We then used authoritative judgmental sampling considerations to select the actual surface to be sampled.

Each proposed sample area was then delineated with a measured outline.

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 via United Parcel Service 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.

QA/QC Precautions

The sampling media were prepared in small batches in a clean environment (FACTs Corporate Offices). The sample media were inserted into individually identified disposable plastic centrifuge tubes with caps.

Field Blanks

For QA/QC purposes, and in accordance with state regulations, two field blanks were required. However, following the submittal, we realized that one blank had been submitted for eleven samples collected. The blank was randomly selected from the batch, randomly inserted in the sampling sequence and submitted along with the samples for methamphetamine analysis. To ensure the integrity of the blank, FACTs personnel were unaware, until the actual time of sampling, which specific sample would be submitted as a blank. To ensure the integrity of the blank, laboratory personnel were not informed which specific samples were blanks. Although one blank was submitted instead of two, the history of the FACTs field blank media has demonstrated a media and



solvent contamination level below the analytical detection limit for the method. At the time of this project, a total of 19 blanks had been analyzed the alcohol lot number used (AØ7Ø3), and six blanks were analyzed for the gauze lot used (GØ6Ø4). In no case, did the results of any of the blanks indicate concentrations of methamphetamine greater than the detection limit of the method.

Field Duplicates

For the purposes of the data quality objectives associated with this Preliminary Assessment, no duplicates were required, and none were collected.

Collection Rationale

The samples that were collected throughout the subject property comprised of “discreet” samples. Discreet samples are collected at a single isolated location. In the following table, the Decision Threshold is stipulated as 0.5 micrograms of methamphetamine per 100 square centimeters; that value below which the sample result would need to be to confirm compliance.

Sample Results

Sample ID	Sample Location	Area Sampled cm2	Result µg/100cm2	Decision Status
SM082508-01	Kitchen S wall right of sink	523	<0.01	PASS
SM082508-02	South Stairwell wall above main door	523	0.01	PASS
SM082508-03	BX	NA	<0.01	PASS
SM082508-04	Upstairs bathroom vanity top	542	0.01	PASS
SM082508-05	Pantry closet bottom shelf	523	0.02	PASS
SM082508-06	Attic electrical junction box	363	0.02	PASS
SM082508-07	DS Utility Room electrical junction box	523	0.03	PASS
SM082508-08	Under stair storage top shelf	523	0.06	PASS
SM082508-09	DS Bathroom top of heater	523	0.01	PASS
SM082508-10	DS Laundry DW E wall	523	<0.01	PASS
SM082508-11	DS Bedroom closet second shelf	523	0.05	PASS
SM082508-12	DS Recreation Room top of heater	523	0.08	PASS

The symbol “<” indicates that methamphetamine was not detected at the detection limit expressed.

Table 3
Summary of Sample Results

Taken *in toto*, the results demonstrate compliance with pertinent regulations.

Sample Locations

In the figures that follow, the sample locations have been presented as triangles.



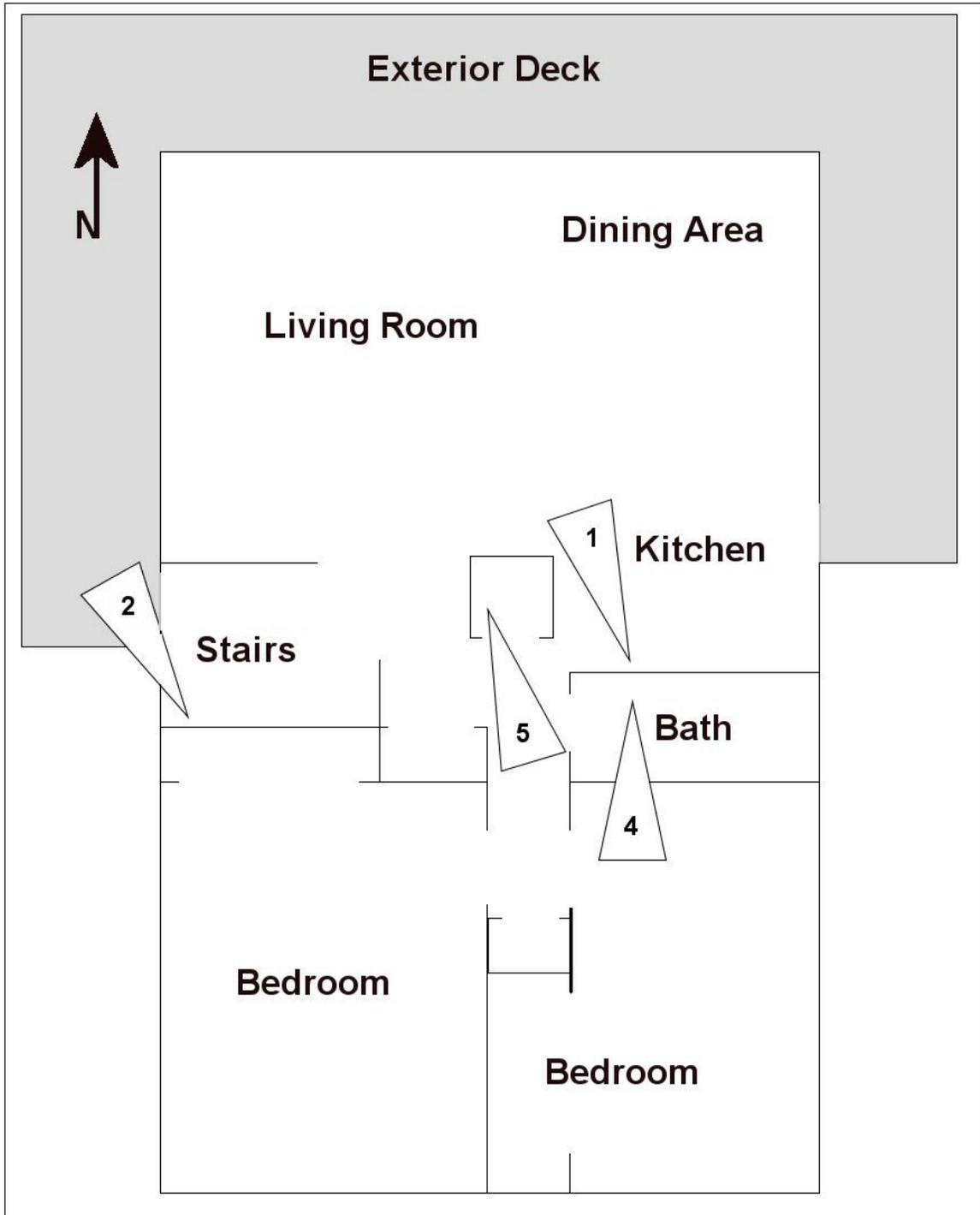


Figure 2
Upper Floor Sampling Locations
Not to Scale



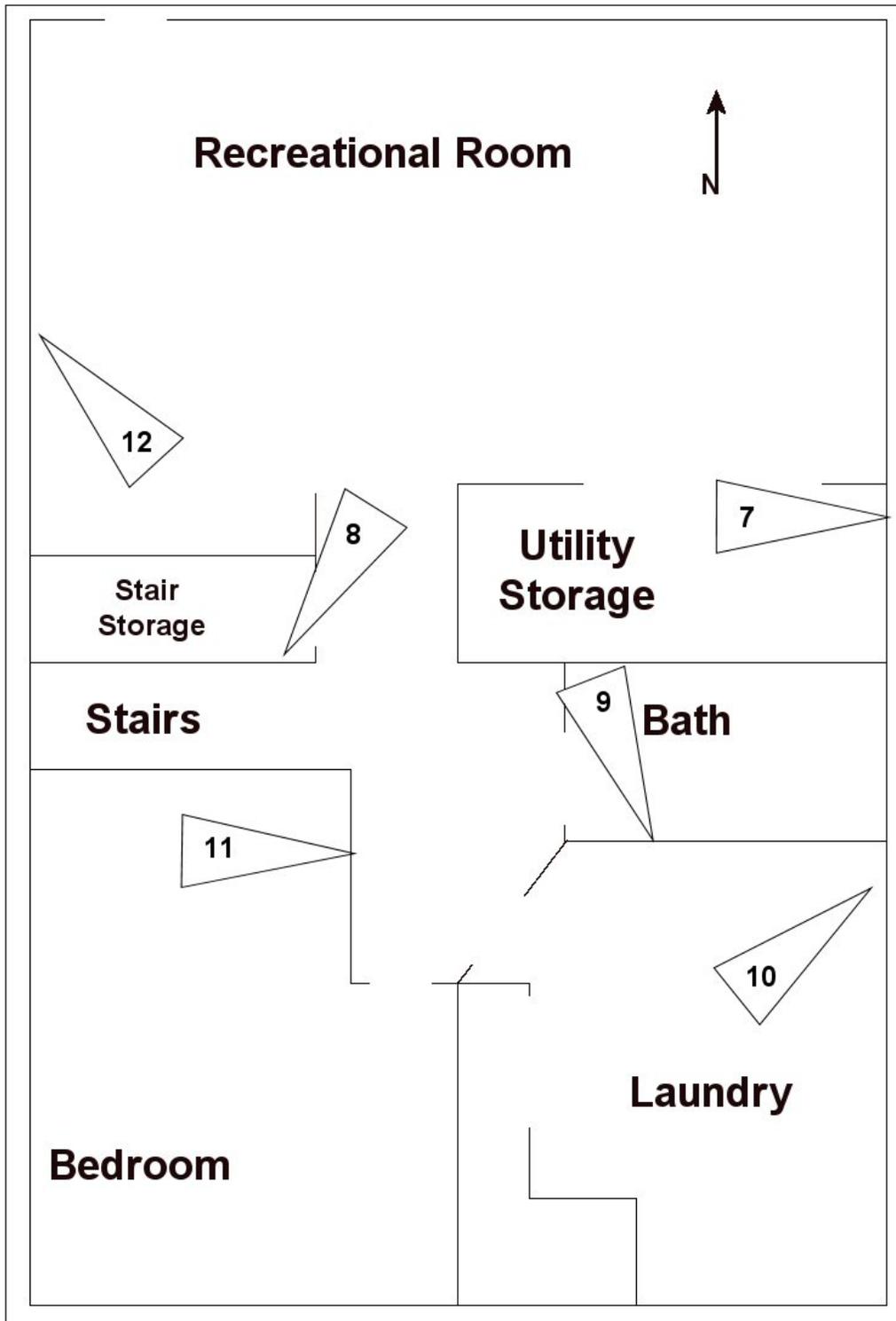


Figure 3
Lower Floor Sampling Locations
Not to Scale



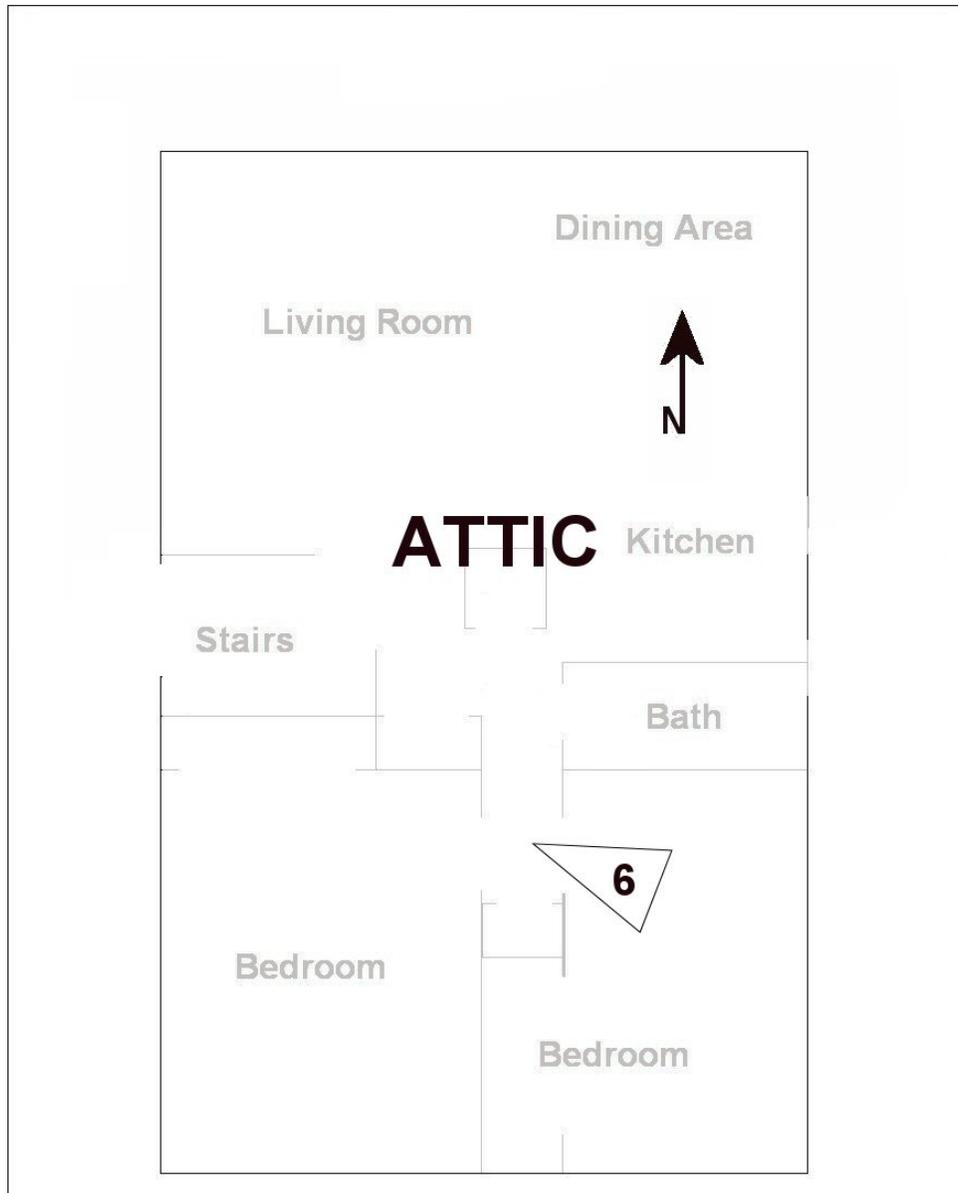


Figure 4
Attic Sampling Location
Not to Scale

Quality Assurance/Quality Control

The following section is required by regulation and is not intended to be understood by the casual reader. All abbreviations are standard laboratory use. MDL was 0.004 µg; LOQ was 0.03 µg; MBX <MDL; LCS 0.1 µg (recovery =98%, RPD 2%); Matrix spike 0.020 µg (recovery 80%, RPD 11%); Matrix spike Dup 0.020 µg; (recovery 100%, RPD <1%); Surrogate recovery (all samples): High 100% (Samples 10 and 12), Low 89% (Sample 1); FACTs reagents: MeOH lot A0703 <MDL for n=19 and; Gauze lot G0804 <MDL for n=6. The QA/QC indicate the data met the data quality objectives; and the



results appear to exhibit slight negative bias (mean recovery is 96%; Student's t LCL95= 94%, Student's t UCL95= 98%).

CONCLUSIONS

Based on the totality of the circumstances, visual inspection, sampling, and a review of pertinent available Law Enforcement documents, our subjective observations and objective data from sampling, and in strict adherence to State statutes and State regulations, FACTs concludes the following:

- An illegal drug lab, as that term is defined in CRS §25-18.5-101, existed at the property.
- A Class 1 Public Nuisance, as defined in CRS §16-13-303(1) existed at the property.
- Trace concentrations of methamphetamine were confirmed to be present at the property in isolated areas.
- The concentrations of methamphetamine in the subject property were not sufficiently elevated to be considered a “contaminant” as that term is defined in 6 CCR 1014-3 (§3).
- Final verification sampling indicates the property is compliant.
- FACTs hereby issues, by virtue of this document, a *Decision Statement* affirming that:
 - a. The initial hypothesis was rejected and the initial null hypothesis was accepted (sufficient evidence existed to confirm the presence of methamphetamine).
 - b. Upon the performance of the required *Preliminary Assessment* the second hypothesis was contemporaneously tested, and no support for the hypothesis was found; the null hypothesis was subsequently accepted (in the totality of the circumstances the property was found to be compliant).
- No harmful chemical residues were found at concentrations that may present an immediate or long-term threat to human health and/or the environment.
- Therefore, pursuant to this *Decision Statement*, and in compliance with Appendix A of the Regulations, the subject property is to be released for immediate occupancy without the need for further action.

RECOMMENDATIONS

To avail of the civil liability immunity provided by CRS §25-18.5-103(2) and to ensure complete compliance with State regulations, this Preliminary Assessment and Decision Statement must be submitted to the Governing Body with jurisdiction over the property.



At the request of the Owner's representative, a copy of this data package has been submitted by registered mail to the Governing Body identified in this report.

Enclosures: One CD; Data package, and Appendices



APPENDIX A
SUPPORTING DOCUMENTS



**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.
CLANDESTINE METHAMPHETAMINE LABORATORY
ASSESSMENT FIELD FORMS[©]**

FACTs project name:	Snowshoe	Form # ML1
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

PROPERTY DESCRIPTION:

Physical address	6832 Snowshoe Trail Evergreen, Colorado 80439
Legal description or VIN	Shadow Mtn/Black Mtn/Brook Forest Neighborhood Number 9043 Parcel ID: 51-302-01-011 Schedule: 063587 XX Subdivision Name: 100200: Buffalo Park Estates Unit 2 (Amendment 1) Lot 0033, Section 30, Township 5, Range 71, Quarter Section NW
Registered Property Owner	Deutsche Bank National Trust Co Trustee 10801 6 Th. Street Rancho Cucamonga CA 91730
Number of structures	One
Type of Structures (Each affected structure will need a "Functional Space" inventory)	Residential Structure of 1,824 square feet
Adjacent and/ or surrounding properties	North: Forest South: Forest East: Forest West: Forest and residential
General Property Observations	Poorly kempt and deteriorated
Presumed Production Method	Smoking and possession

PLUMBING INSPECTION AND INVENTORY

FACTs project name:	Snowshoe Trail	Form # ML2
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Functional Space	Room	Fixture	Indicia?	Comments
3	Bathroom # 1	Bath	N	
3	Bathroom # 1	Shower	N	
3	Bathroom # 1	Sink	Y	Yellow stains in sink
3	Bathroom # 1	Toilet	N	
8	Bathroom # 2	Bath	N	
8	Bathroom # 2	Shower	N	
8	Bathroom # 2	Sink	Y	Yellow stains in sink
8	Bathroom # 2	Toilet	N	
1	Kitchen	Sink	N	
		Slop sink	N/A	
		Washing machine	NA	
1		Dishwasher	N	
9	Various plumbing		N	

VENTILATION INSPECTION AND INVENTORY

Item	Y/N	Indicia ?	Sampled ?	Comments
Isolated AHU?	N	NA	NA	
Common air intake?	N	NA	NA	
Common bathroom exhausts?	N	NA	NA	
Forced air system?	N	NA	NA	
Steam heat?	N	NA	NA	
Common ducts to other properties?	N	NA	NA	
Passive plena to other properties?	N	NA	NA	
Active returns to other properties?	N	NA	NA	
Passive wall grilles to other properties?	N	NA	NA	
Industrial ventilation?	N	NA	NA	
Residential ventilation?	Y	NA	NA	Passive ventilation
Pressurized structure?	N	NA	NA	



FUNCTIONAL SPACE INVENTORY

FACTs project name:	Snowshoe Trail	Form # ML3
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Structure Number	Functional Space Number	Indicia (Y/N)	Describe the functional space (include delineating structural features)
1	1	Y	Kitchen – Dining Room
1	2	Y	Living Room, Stairwell and entry closet
1	3	Y	Upstairs bathroom
1	4	Y	Upstairs bedrooms, common hallway, and pantry
1	5	Y	Downstairs recreational room
1	6	Y	Downstairs utility room
1	7	Y	Under stairs storage
1	8	Y	Downstairs bathroom
1	9	Y	Downstairs laundry room, and mechanical area
1	10	Y	Downstairs bedroom
1	11	Y	Attic
1	12	Y	Kitchen – Dining Room



LAW ENFORCEMENT DOCUMENTATION

FACTs project name:	Snowshoe Trail	Form # ML4
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Inventory of Reviewed Documents	1: Address Call History
	2: _____
	3: _____
	4: _____
	5: _____
Described method(s) of production	Probably exclusively use and storage
Chemicals identified by the LEA as being present	None
Cooking areas identified	Most probable – Downstairs Recreation Room
Chemical storage areas identified	None found
LE Observation on areas of contamination or waste disposal	None



FIELD OBSERVATIONS

FACTs project name:	Snowshoe	Form # ML5
Date:	July 25, 2008	
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 1

Indicator	Functional Space
Ammonia	①
Bullet hole(s)	2,
Faeces	7,
Methamphetamine	All
Presence of cats	1,2,3,4,5,6,7,8,9,10
Squalor	1,2,3,4,5,7,8,9,10
Staining on floors	2, 4, 5, 7, 10
Yellow staining	1, 4, 8, 10

Notes:

① Present but not as indicia



INDIVIDUAL SEWAGE DISPOSAL SYSTEM FIELD FORM

FACTs project name:	Snowshoe Trail	Form # ML7
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

	Yes	No	N/C
Does the property have an ISDS	X		
Is there unusual staining around internal drains	X		
Are solvent odors present from the internal drains		X	
Are solvent odors present from the external sewer drain stacks			X
Was the septic tank lid(s) accessible	X		
Was the leach field line accessible	X		
Was the septic tank <u>or</u> leach field lines opened	X		
Are solvent odors present from the leach field lines (if "yes" see below)		X	
Are solvent odors present from the septic tank (if "yes" see below)		X	
Is "slick" present in the septic tank		X	
Are biphasic (aqueous-organic) layers present in the septic tank		X	
Was pH measured in the septic tank (pH =7 to 8)	X		
Were organic vapours measured in the septic tank (if "yes" see below)	X		
Is there evidence of wastes being disposed down internal drains		X	
Is sampling of the ISDS warranted		X	
Were calawasi/drum thief samples collected from the septic tank	X		

*NC = Not checked

Qualitative Organic Vapor Monitoring

Hydrocarbon detector model	EnMet Target Series, MOS detector

Location	MOS*	PID*	FID*
Headspace of septic tank	<1		
Leach field vent	<1		

*Units of measurement are in parts per million equivalents compared to the calibration vapor.



PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name:	Snowshoe Trail	Form # ML8
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Name	Date taken	Name	Date taken	Name	Date taken
Attic	7/25/2008 09:59 AM	Exterior (15)	7/25/2008 10:19 AM	US Bath	7/25/2008 10:23 AM
Attic (2)	7/25/2008 09:59 AM	Front Entrance	7/25/2008 10:20 AM	US Bath (2)	7/25/2008 10:23 AM
Attic (3)	7/25/2008 09:59 AM	Front Entrance (2)	7/25/2008 10:20 AM	Living room (11)	7/25/2008 10:23 AM
Attic (4)	7/25/2008 09:59 AM	Living room	7/25/2008 10:20 AM	Front entrance (3)	7/25/2008 10:23 AM
Attic (5)	7/25/2008 09:59 AM	Living room (2)	7/25/2008 10:20 AM	US Bath (3)	7/25/2008 10:23 AM
Attic (6)	7/25/2008 09:59 AM	Living room (9)	7/25/2008 10:20 AM	US Bath (4)	7/25/2008 10:24 AM
Attic (7)	7/25/2008 09:59 AM	Living room (3)	7/25/2008 10:20 AM	US Bath (5)	7/25/2008 10:24 AM
Attic (8)	7/25/2008 09:59 AM	Living room (4)	7/25/2008 10:20 AM	US Bath (6)	7/25/2008 10:24 AM
Attic (9)	7/25/2008 09:59 AM	Living room (5)	7/25/2008 10:20 AM	US Bath (7)	7/25/2008 10:24 AM
Attic (10)	7/25/2008 10:00 AM	Living room (6)	7/25/2008 10:21 AM	US Bath (8)	7/25/2008 10:24 AM
Exterior	7/25/2008 10:16 AM	Living room (7)	7/25/2008 10:21 AM	US Bath (9)	7/25/2008 10:24 AM
Exterior (2)	7/25/2008 10:17 AM	Living room (8)	7/25/2008 10:21 AM	US Bath (10)	7/25/2008 10:24 AM
Exterior (3)	7/25/2008 10:17 AM	Dining room	7/25/2008 10:21 AM	US Bath (11)	7/25/2008 10:24 AM
Exterior (4)	7/25/2008 10:17 AM	Dining room (2)	7/25/2008 10:21 AM	US Bath (12)	7/25/2008 10:25 AM
Exterior (5)	7/25/2008 10:17 AM	Kitchen	7/25/2008 10:21 AM	SE Bedroom	7/25/2008 10:25 AM
Exterior (6)	7/25/2008 10:17 AM	Kitchen (2)	7/25/2008 10:22 AM	SE Bedroom (2)	7/25/2008 10:25 AM
Exterior (7)	7/25/2008 10:17 AM	Kitchen (3)	7/25/2008 10:22 AM	Main hall (6)	7/25/2008 10:25 AM
Exterior (8)	7/25/2008 10:18 AM	Kitchen (4)	7/25/2008 10:22 AM	Main hall (7)	7/25/2008 10:25 AM
Exterior (9)	7/25/2008 10:18 AM	Living room (10)	7/25/2008 10:22 AM	Main hall (8)	7/25/2008 10:25 AM
Exterior (10)	7/25/2008 10:18 AM	Main hall	7/25/2008 10:22 AM	Attic (11)	7/25/2008 10:25 AM
Exterior (11)	7/25/2008 10:18 AM	Main hall (2)	7/25/2008 10:22 AM	Attic (12)	7/25/2008 10:25 AM
Exterior (12)	7/25/2008 10:18 AM	Main hall (3)	7/25/2008 10:22 AM	SE Bedroom (3)	7/25/2008 10:26 AM
Exterior (13)	7/25/2008 10:19 AM	Main hall (4)	7/25/2008 10:22 AM	SE Bedroom (4)	7/25/2008 10:26 AM
Exterior (14)	7/25/2008 10:19 AM	Main hall (5)	7/25/2008 10:23 AM	SE Bedroom (5)	7/25/2008 10:26 AM
Name	Date taken	Name	Date taken	Name	Date taken
SE Bedroom (6)	7/25/2008 10:26 AM	Living room (12)	7/25/2008 10:57 AM	Recreation room (9)	7/25/2008 11:10 AM
SE Bedroom (7)	7/25/2008 10:26 AM	Living room (13)	7/25/2008 10:57 AM	Under stairs	7/25/2008 11:10 AM
SE Bedroom (8)	7/25/2008 10:26 AM	Living room (14)	7/25/2008 10:57 AM	Under stairs (2)	7/25/2008 11:10 AM
SE Bedroom (9)	7/25/2008 10:27 AM	Main hall (9)	7/25/2008 10:57 AM	Under stairs (3)	7/25/2008 11:10 AM
SE Bedroom (10)	7/25/2008 10:27 AM	Main hall (10)	7/25/2008 10:57 AM	Main entrance (3)	7/25/2008 11:11 AM
Kitchen (5)	7/25/2008 10:34 AM	Rec Room Sample	7/25/2008 11:02 AM	Downstairs Bath	7/25/2008 11:11 AM
Main entrance	7/25/2008 10:39 AM	Utility Room Sample	7/25/2008 11:05 AM	Downstairs Bath (2)	7/25/2008 11:11 AM
Main entrance (2)	7/25/2008 10:39 AM	US Sample	7/25/2008 11:07 AM	Downstairs Bath (3)	7/25/2008 11:11 AM
SW Bedroom	7/25/2008 10:45 AM	US Sample (2)	7/25/2008 11:07 AM	Downstairs hallway	7/25/2008 11:11 AM
SW Bedroom (2)	7/25/2008 10:45 AM	Recreation room	7/25/2008 11:08 AM	Downstairs Bedroom	7/25/2008 11:11 AM
SW Bedroom (3)	7/25/2008 10:45 AM	Recreation room (2)	7/25/2008 11:08 AM	Downstairs Bedroom (2)	7/25/2008 11:11 AM
SW Bedroom (4)	7/25/2008 10:45 AM	Recreation room (3)	7/25/2008 11:08 AM	Downstairs Bath (4)	7/25/2008 11:12 AM
SW Bedroom (5)	7/25/2008 10:45 AM	Recreation room (4)	7/25/2008 11:09 AM	Downstairs Bath (5)	7/25/2008 11:12 AM
SW Bedroom (6)	7/25/2008 10:45 AM	Recreation room (5)	7/25/2008 11:09 AM	Downstairs Bath (6)	7/25/2008 11:12 AM
SW Bedroom (7)	7/25/2008 10:46 AM	Recreation room (6)	7/25/2008 11:09 AM	Downstairs Bath (7)	7/25/2008 11:12 AM
SW Bedroom (8)	7/25/2008 10:46 AM	Utility room	7/25/2008 11:09 AM	Downstairs Bath (8)	7/25/2008 11:12 AM
IMG_0144	7/25/2008 10:46 AM	Utility room (2)	7/25/2008 11:09 AM	Downstairs Bath (9)	7/25/2008 11:12 AM
US Bath (13)	7/25/2008 10:47 AM	Utility room (3)	7/25/2008 11:09 AM	Downstairs Bath (10)	7/25/2008 11:13 AM
US Bath (14)	7/25/2008 10:47 AM	Utility room (4)	7/25/2008 11:09 AM	Downstairs Bath (11)	7/25/2008 11:13 AM
Hall closet	7/25/2008 10:51 AM	Utility room (5)	7/25/2008 11:09 AM	Downstairs Bath (12)	7/25/2008 11:13 AM
Hall closet (2)	7/25/2008 10:51 AM	Utility room (6)	7/25/2008 11:09 AM	Downstairs Bath (13)	7/25/2008 11:13 AM
Attic Sample	7/25/2008 10:56 AM	Utility room (7)	7/25/2008 11:09 AM	Downstairs hallway (2)	7/25/2008 11:13 AM
Attic Sample (2)	7/25/2008 10:57 AM	Recreation room (7)	7/25/2008 11:09 AM	Downstairs Bedroom (3)	7/25/2008 11:13 AM
Attic Sample (3)	7/25/2008 10:57 AM	Recreation room (8)	7/25/2008 11:10 AM	Downstairs Bedroom (4)	7/25/2008 11:13 AM



PRE-REMEDATION PHOTOGRAPH LOG SHEET

FACTs project name:	Snowshoe Trail	Form # ML8
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Name	Date taken	Name	Date taken
Downstairs Bedroom (5)	7/25/2008 11:13 AM	Downstairs hallway (3)	7/25/2008 11:17 AM
Downstairs Bedroom (6)	7/25/2008 11:13 AM	Bottom of stairs	7/25/2008 11:17 AM
Downstairs Bedroom (7)	7/25/2008 11:14 AM	Downstairs bedroom (13)	7/25/2008 11:17 AM
Downstairs Bedroom (8)	7/25/2008 11:14 AM	Downstairs bedroom (14)	7/25/2008 11:17 AM
Downstairs Bedroom (9)	7/25/2008 11:14 AM	Downstairs bedroom (15)	7/25/2008 11:17 AM
Downstairs Bedroom (10)	7/25/2008 11:14 AM	Downstairs bedroom (16)	7/25/2008 11:18 AM
Downstairs Bedroom (11)	7/25/2008 11:14 AM	Downstairs bedroom (17)	7/25/2008 11:18 AM
Downstairs Bedroom (12)	7/25/2008 11:14 AM	Downstairs bedroom (18)	7/25/2008 11:18 AM
Mechanical area	7/25/2008 11:14 AM	Downstairs bedroom (19)	7/25/2008 11:18 AM
Mechanical area (2)	7/25/2008 11:15 AM	Downstairs bedroom (20)	7/25/2008 11:18 AM
Mechanical area (3)	7/25/2008 11:15 AM	Downstairs bedroom (21)	7/25/2008 11:18 AM
Mechanical area (4)	7/25/2008 11:15 AM	Downstairs bedroom (22)	7/25/2008 11:19 AM
Mechanical area (5)	7/25/2008 11:15 AM	Downstairs bedroom (23)	7/25/2008 11:19 AM
Mechanical area (6)	7/25/2008 11:15 AM	Downstairs bedroom (24)	7/25/2008 11:19 AM
Laundry Room	7/25/2008 11:15 AM	Recreation Room (10)	7/25/2008 11:20 AM
Laundry Room (2)	7/25/2008 11:15 AM	Recreation Room (11)	7/25/2008 11:20 AM
Laundry Room (3)	7/25/2008 11:16 AM	Recreation Room (12)	7/25/2008 11:20 AM
Laundry Room (4)	7/25/2008 11:16 AM	ISDS	7/25/2008 11:24 AM
Laundry Room (5)	7/25/2008 11:16 AM	ISDS (2)	7/25/2008 11:24 AM
Laundry Room (6)	7/25/2008 11:16 AM	ISDS leachfield	7/25/2008 11:25 AM
Laundry Room (7)	7/25/2008 11:16 AM	ISDS leachfield (2)	7/25/2008 11:25 AM
Laundry Room (8)	7/25/2008 11:16 AM	ISDS (5)	7/25/2008 11:26 AM
Laundry Room (9)	7/25/2008 11:16 AM	ISDS (6)	7/25/2008 11:26 AM
Laundry Room (10)	7/25/2008 11:16 AM	ISDS (7)	7/25/2008 11:27 AM

Name	Date taken
ISDS (8)	7/25/2008 11:28 AM
ISDS (9)	7/25/2008 11:28 AM
ISDS (10)	7/25/2008 11:28 AM
ISDS (11)	7/25/2008 11:28 AM



POST-REMEDATION PHOTOGRAPH LOG SHEET

FACTs project name:	Snowshoe Trail	Form # ML9
Date: July 25, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Not Applicable



CERTIFICATION, VARIATIONS AND SIGNATURE SHEET

FACTs project name:	Snowshoe Trail	Form # ML3
Date: August 20, 2008		
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.	Not Applicable
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.

State regulations require that one field blank is submitted for every batch of ten samples collected.

1) The purpose of blanks is to ensure that handling, reagents, and the laboratory do not introduce methamphetamine as a contaminant. In this case, we inadvertently submitted one blank, although the sample set was eleven samples. However, as noted in the body of the report, it is FACTs practice to log and record each material blank combination and record those results on a permanent log. In this case, the sample material had a total of 19 blanks for the alcohol, and six blanks for the gauze. Additionally, two of the actual samples mimic blanks to the extent that no methamphetamine was detected at concentrations greater than the detection limit. Finally, the laboratory included in the sample suite a method blank. Therefore, the sample results meet the stated data quality objectives, and are in essential compliance with the intention of the regulations.

2) State regulations require that a minimum of 500 cm² of surface area be sampled per Functional Space. Those same regulations require that the sampled surface be a non-porous surface. When the regulations were written, we did not anticipate that there may be situations wherein a Functional Space did not contain at least 500 cm² of a suitable non-porous material. Such was the case here. Therefore, we sampled the greatest available area of the best location available even though the total available area was less than 500 cm². In this case, the area sampled still resulted in a detection limit some 450 lower than that required. Therefore, the sample results meet the stated DQOs and the result is in essential compliance with the intention of the regulation

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: August 20, 2008





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:	Snowshoe	Form # ML15
Date:	August 20, 2008	
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. Mr. Connell has been a practicing Industrial Hygienist in the State of Colorado since 1987 and has been involved in clandestine drug lab (including meth-lab) investigations since May of 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 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 (Certification Number B-10670); he is a member of the Colorado Drug Investigators Association, the American Industrial Hygiene Association, and the Occupational Hygiene Society of Ireland.

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 also 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 80 assessments in illegal drug labs, and collected approximately 1,000 samples during assessments.

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 an author of a recent (2007) AIHA Publication on methlab assessment and remediation.

FINAL DOCUMENTATION CHECKLIST

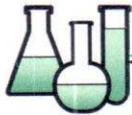
FACTs project name:	Snowshoe Trail	Form # ML3
Date: August 20, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Mandatory Final Documents 6-CCR 1014-3	DOCUMENTATION	Included
§8.1	Property description field form	<i>CC</i>
§8.2	Description of manufacturing methods and chemicals	<i>CC</i>
§8.3	Law Enforcement documentation review discussion	<i>CC</i>
§8.4	Description and Drawing of Storage area(s)	<i>CC</i>
§8.5	Description and Drawing of Waste area(s)	<i>CC</i>
§8.6	Description and Drawing of Cook area(s)	<i>CC</i>
§8.7	Field observations field form	<i>CC</i>
	FACTs Functional Space inventory field form	<i>CC</i>
§8.8	Plumbing inspection field form	<i>CC</i>
	FACTs ISDS field form	<i>CC</i>
§8.9	Contamination migration field form	<i>CC</i>
§8.10	Identification of common ventilation systems	<i>CC</i>
§8.11	Description of the sampling procedures and QA/QC	<i>CC</i>
§8.12	Analytical Description and Laboratory QA/QC	<i>CC</i>
§8.13	Location and results of initial sampling with figure	<i>CC</i>
§8.14	FACTs health and safety procedures in accordance with OSHA	<i>CC</i>
§8.15	Contractor's description of decontamination procedures and each area that was decontaminated	NA
§8.16	Contractor's description of removal procedures each area where removal was conducted, and the materials removed	NA
§8.17	Contractor's description of encapsulation areas and materials	NA
§8.18	Contractor's description of waste management procedures	NA
§8.19	Drawing, location and results of final verification samples	<i>CC</i>
§8.20	FACTs Pre-remediation photographs and log	<i>CC</i>
	FACTs Post-remediation photographs and log	NA
§8.21	FACTs SOQ	<i>CC</i>
§8.22	Certification of procedures, results, and variations	<i>CC</i>
§8.23	Mandatory Certification Language	<i>CC</i>
§8.24	Signature Sheet	<i>CC</i>
	Analytical Laboratory Reports	<i>CC</i>
	FACTs Field Sampling Forms	<i>CC</i>



APPENDIX B

**ANALYTICAL REPORTS
AND
FACTS FIELD SAMPLE FORM**



ANALYTICAL CHEMISTRY INC.

Established in 1979

4611 S. 134th Place, Ste 200
Tukwila WA 98168-3240
Phone: 206-622-8353
Fax: 206-622-4623

E-mail: aci@acilabs.com

Website: www.acilabs.com

Lab Reference:	08142-04
Date Received:	July 31, 2008
Date Completed:	August 1, 2008

August 4, 2008

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

CLIENT REF: Snoeshoe

SAMPLES: wipes/12

ANALYSIS: Methamphetamine by Gas Chromatography-Mass Spectrometry.

RESULTS: in total micrograms (ug)

<i>Sample</i>	<i>Methamphetamine, ug</i>	<i>% Surrogate Recovery</i>
SM082508 - 01	< 0.030	89
SM082508 - 02	0.038	91
SM082508 - 03	< 0.030	98
SM082508 - 04	0.048	93
SM082508 - 05	0.116	95
SM082508 - 06	0.070	98
SM082508 - 07	0.148	96
SM082508 - 08	0.312	97
SM082508 - 09	0.066	94
SM082508 - 10	< 0.030	100
SM082508 - 11	0.237	98
SM082508 - 12	0.441	100
<i>QA/QC Method Blank</i>	< 0.004	
<i>QC 0.100 ug Standard</i>	0.098	
<i>QA 0.020 ug Matrix Spike</i>	0.018	
<i>QA 0.020 ug Matrix Spike Duplicate</i>	0.020	
<i>Method Detection Limit (MDL)</i>	0.004	
<i>Practical Quantitation Limit (PQL)</i>	0.030	

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

Robert M. Orheim
Director of Laboratories



ANALYTICAL CHEMISTRY INC.

CDL SAMPLING & CUSTODY FORM

4611 S 134th Pl, Ste 200 Tukwila WA 98168-3240
Website: www.acilabs.com

Phone: 206-622-8353
FAX: 206-622-4623

Please do not write in shaded areas.

SAMPLING DATE: August 25, 2008	REPORT TO: Caoimhin P. Connell	ANALYSIS REQUESTED									
PROJECT Name/No: Snoeshoe	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									
		4									
		5									
		6	Not Submitted								
LAB Number	Sample Number	ANALYSIS REQUESTS						SAMPLER COMMENTS	LAB COMMENTS	No of Containers	
		1	2	3	4	5	6				
	SM082508-01	X	X							/	
	SM082508-02	X	X							/	
	SM082508-03	X	X							/	
	SM082508-04	X	X							/	
	SM082508-05	X	X							/	
	SM082508-06	X	X							/	
	SM082508-07	X	X							/	
	SM082508-08	X	X							/	
	SM082508-09	X	X							/	
	SM082508-10	X	X							/	
CHAIN OF CUSTODY RECORD		Wipes Results in:		DATE		TIME		Turnaround Time		Total Number of Containers (verified by laboratory)	
PRINT NAME	Signature	COMPANY	<input type="checkbox"/> µg/100cm ²	<input checked="" type="checkbox"/> Total µg	<input type="checkbox"/> 24 Hours (2X)	<input type="checkbox"/> 2 Days (1.75X)	<input type="checkbox"/> 3 Days (1.5X)	<input checked="" type="checkbox"/> Routine	Custody Seals:	Container:	Temperature:
Caoimhin P. Connell	<i>C. P. Connell</i>	FACTs, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8/28/08	12:05P			Yes	Intact	Broken
MIA SAZON	<i>Mia Sazon</i>	ACI	<input type="checkbox"/>	<input type="checkbox"/>	7/31/08	1400				Ambient	Cooled
			<input type="checkbox"/>	<input type="checkbox"/>							MIA SAZON
			<input type="checkbox"/>	<input checked="" type="checkbox"/>							Lab File No. 08142-04

SAMPLING FIELD FORM

FACTs project name: Snowshoe	Form # ML17
Date: July 25, 2008	Alcohol Lot#: Gauze Lot#:
Reporting IH: Caoimhín P. Connell, Forensic IH	Preliminary X Intermediate ___ Final ___

Sample ID SM0708-	Type	Area/ Volume/ Weight	Location	Func. Space	Dimensions	Substrate	Result
-01	W		KITCHEN SOUTH WALL R-SINK	1	9"X9"	DW	
-02	W		SOUTH STAIRWELL WALL ABOVE MAIN DOOR	2	9"X9"	DW	
-03			BX	—			
-04			UPSTAIRS BATHROOM VANITY TOP	3	6510	CERAMIC #	
-05			PANTRY CLOSET BENCH SHELF WEST SIDE	4	9X9	PW	
-06			CRAWN SPACE METAL CONDUIT	8 11	4X8	METAL	
-07			DS UTILITY ROOM ALSO STAIR BOX	6	9X9	PAINT METAL	
-08			STAIR STORAGE TOP SHELF	7	9X9	LYNOL CONTACT	
-09			DS BATHROOM HEATER	8	3X27	PAINT METAL	
-10			DS LAUNDRY	9	9X9	DW	
-11			DS BED CLOSET SHELF #2 TOP	10	9X9	PAINT WOOD	
-12			DS WEST WALL Rec Room TOP HEATER	8 5	27X3	PAINTED METAL	

Sample Types: W=Wipe; V=Microvacuum; A=Air; B=Bulk; L=liquid

Surfaces: DW= Drywall, PW= Painted wood, LW= Laminated wood, VW= Varnished wood, M= Metal, C=Ceramic

CRAWL Spc 4x8, 4x2x2, + 4x2x2 + 4x2x2



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

APPENDIX C

COMPACT DIGITAL DISC (CD)

