



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

**Preliminary Assessment
and
Decision Statement
of an
Identified Illegal Drug Laboratory
32548 Kinsey Lane
Conifer, Colorado 80433**

Prepared for:

**AMERICAN HOME MORTGAGE SERVICING
4600 Regent Blvd Suite 200
Irving TX 75063**

Prepared by:

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



April 5, 2008

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EXECUTIVE SUMMARY

On Wednesday, January 23, 2008 Forensic Applications Consulting Technologies, Inc. (FACTs) was contracted to perform a standard cursory evaluation for the presence of methamphetamine at 32548 Kinsey Lane in Conifer, 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 Monday February 18, 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 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.



- 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 Wednesday, January 23, 2008, the subject property was an unoccupied residential structure on the open 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?”

During the January 23, 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 30, 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.

On Monday, March 17, 2008, FIRE, Inc.⁵, the *de facto* Owner’s agent, authorized FACTs to perform the required Preliminary Assessment. On March 21, 2008 the Service Agreement was consummated, and on March 24, 2008, FACTs revisited the subject

⁵ 482 Sunshine Lane, Evergreen, CO 80439



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).

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 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 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.

⁶ Section 4 of 6 CCR 1014-3

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



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.

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.




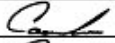
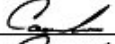








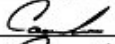



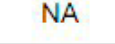


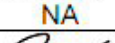



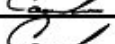


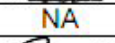
Mandatory Final Documents 6-CCR1014-3	DOCUMENTATION	Included
§8.1	Property description field form	
§8.2	Description of manufacturing methods and chemicals	
§8.3	Law Enforcement documentation review discussion	
§8.4	Description and Drawing of Storage area(s)	
§8.5	Description and Drawing of Waste area(s)	
§8.6	Description and Drawing of Cook area(s)	
§8.7	Field Observations field form	
	FACTs Functional space inventory field form	
§8.8	Plumbing inspection field form	
	FACTs ISDS field form	
§8.9	Contamination migration field form	
§8.10	Identification of common ventilation systems	
§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 figure	
§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	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	
§8.20	FACTs Pre-remediation photographs and log	
§8.20	FACTs Post-remediation photographs and log	NA
§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	
	Analytical procedure	
§8.3	Available Law Enforcement documents	NA
NA	FACTs Field Sampling Forms	

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; personnel at the Records Office went beyond normal expectations of service to provide requested information in a timely fashion. 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 law enforcement documents indicated a "Dangerous Drug Offence" report was taken on July 16, 2006 by the JCSO (Report LJC060716028126). However, JCSO Records reported that no documents actually existed for that report file. 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 Monday, March 24, 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.

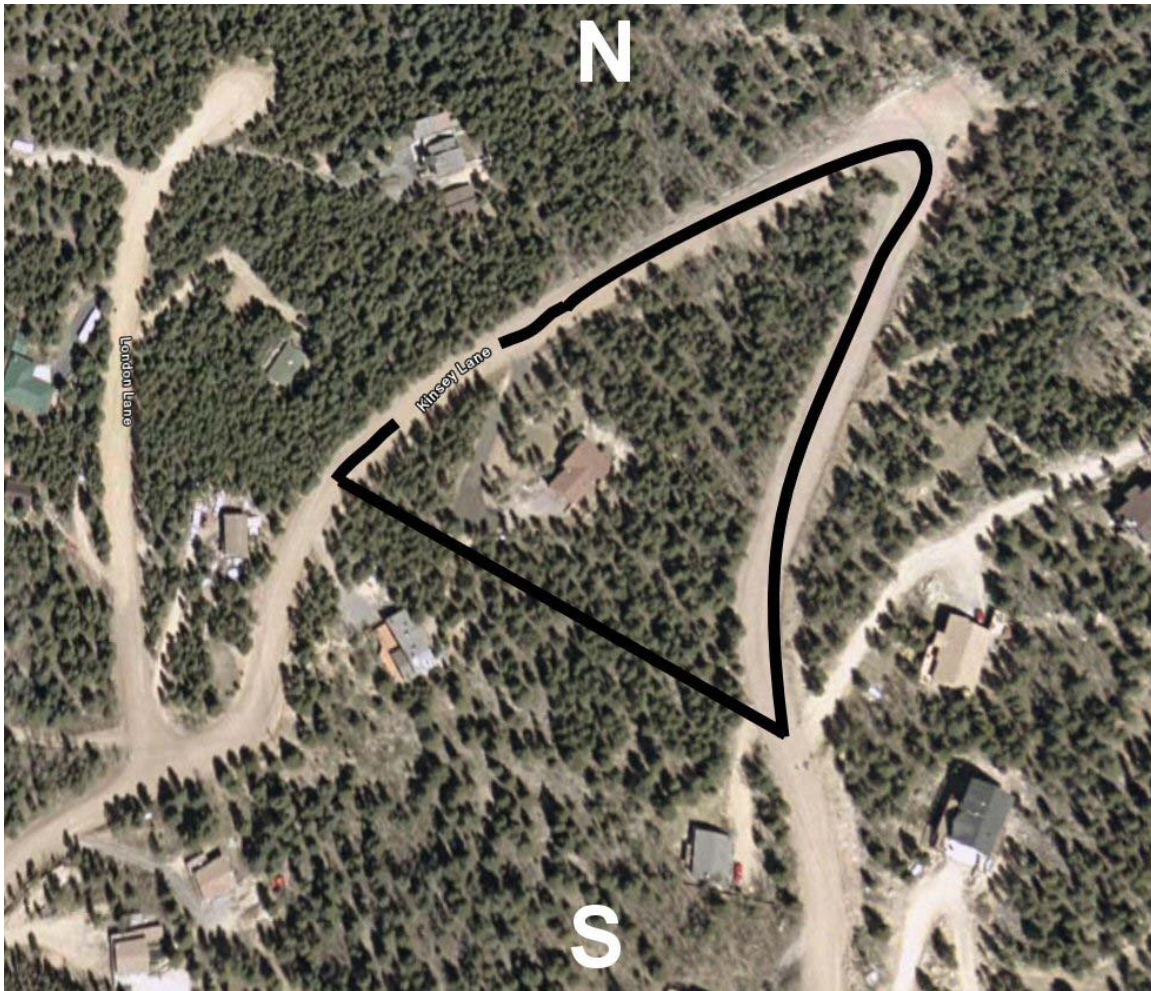
Upon our March 24, 2008 arrival, we found the property unoccupied and completely emptied of all chattels, furniture, and major appliances.

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 Building Layout

During our visit, as evidenced by the photographic record, the ground cover was in its winter state, and there was extreme snow cover on virtually all parts of the property prohibiting a direct evaluation of stress vegetation. The most recent aerial photography available dated April 24, 2002, did not reveal any unusual conditions.

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	Living Room and Downstairs SE Bedroom (Rec Rm and BR #3)
1	2	Mechanical Room
1	3	Bathroom in Living Room
1	4	Bonus Room and garage stairs
1	5	Garage including under stairs
1	6	Master Suite
1	7	Upstairs Boy's Room (Bedroom #2)
1	8	Upstairs Bathroom and Laundry Room
1	9	Kitchen and Great Room Ensemble
1	10	Upstairs Office/Study
1	11	Attic

Table 2
Functional Space Summary

Structure Number 1- Residence

Functional Space 1: Downstairs Living Room (Recreation Room)

This Functional Space is delineated as those terms is normally used. This is the room one enters directly from the front door. 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 of the method.

The living room did not contain any visual indicators suggestive of controlled substance activity.

Functional Space 2: Mechanical Room

This unfinished room contains the furnace system, and water treatment system. Two discrete samples were collected from this functional space; one from the furnace interior, and one from the top of PVC piping that traversed the room. There were no visual indicators present in this area. The concentration of methamphetamine from both samples was below the detection limit of the method.

Functional Space 3: Bathroom in Living Room

This area is directly accessed from the Recreation Room and is otherwise defined as the term is commonly known. There were no visual indicators present in this area. The concentration of methamphetamine as determined from a discrete sample collected from this functional space was below the detection limit of the method.

Functional Space 4: Bonus Room

This functional space was the room above the garage and included the stairs to the garage. There were no visual indicators present in this area. The concentration of methamphetamine as determined from a discrete sample collected from this functional space was below the detection limit for the method.



Functional Space 5: Garage

Identified as that term is commonly used and including the small storage room under the stairs. There were no visual indicators present in this area. The concentration of methamphetamine in this functional space, as determined from a discrete sample collected from the top of a shelf in the garage, was below the detection limit of the method.

Functional Space 6: Master Suite

This area included the Master bedroom, the closet and toilet ensemble *en suite*. There were no visual indicators pertinent to clandestine drug issues in this area. The concentration of methamphetamine as determined from a discrete sample collected from this functional space was below the detection limit of the method.

Functional Space 7: Upstairs SE Bedroom

This room contained no visual indicators pertinent to drug use, or methamphetamine related issues. The concentration of methamphetamine as determined from a discrete sample collected from this functional space was below the detection limit for the method.

Functional Space 8: Upstairs Toilet Room and Laundry Room

This area is defined as those terms are commonly used. This Functional Space was exclusively the only location where methamphetamine was identified. We believe this area was exclusively responsible for the methamphetamine that was identified in the cursory evaluation.

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 2, below). Based on our professional judgment, we believe that a guest in the house used this room to smoke methamphetamine during a visit to the residence.

Although we observed no visual indicators of manufacturing or use in this area. The single discrete sample collected from this was the only place where methamphetamine was detected at a concentration greater than the detection limit for the method. The concentration of methamphetamine was greater than the detection limit of the method, but less than the regulatory threshold.

Functional Space 9: Kitchen/Great Room Ensemble

Due to the open plan of the Great Room/Kitchen ensemble, it was reasonable to include both areas within the same functional space. There were no signs of use or manufacturing in this space. The concentration of methamphetamine as determined from a discrete sample collected from this functional space was below the detection limit of the method.



Functional Space 10: Northwest Study/Office

This is the small room leading to the west of the Great Room. There were no signs of use or manufacturing in this space. The concentration of methamphetamine as determined from a discrete sample collected from this functional space was below the detection limit of the method.

Functional Space 11: Attic

The attic is extremely small and has the same plan as the walk-in closet in the Master Suite. There were only two non-porous surfaces suitable for sampling in this area – the metallic canister lights. There were no signs of disturbance or use of this space, and there were no visual indicators of methamphetamine use or manufacturing in this space. The concentration of methamphetamine as determined from a discrete sample collected from this functional space was below the detection limit of the method.

Exterior Grounds

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

As previously described, extreme snow cover prevented a visual inspection of the exterior grounds. However, available aerial photography was unremarkable.

We included the two portico/decks within the realm of “exterior grounds.”

We did not have any information that implicated the exterior grounds as being possibly contaminated. Therefore, based on the totality of the circumstances, and the extreme snow cover, testing of the exterior grounds was not only deemed unnecessary but was deemed unreasonable.

Based on the extremely low concentrations of methamphetamine found in the residence, and the lack of indicators or contaminants in the septic line (see below), we do not anticipate that the grounds are in anyway 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. In this case, however, snow cover prevented an assessment of the septic system. Additionally, state statutes require a utilities location to be performed prior to any digging and prior to sinking any soil gas probes. Although we were assured by Colorado Natural Gas that our requested



location had occurred, we did not observe any indications (such as foot prints in the snow or spray paint) that the required location had occurred.

In any event, we were able to locate an accessible clean-out stand-pipe between the residence and the septic tank. Using a state of the art broad-range hydrocarbon meter which is capable of detecting virtually all hydrocarbons in the vapor phase, (an Enmet™ Target® Series instrument employing MOS technology) we inserted a sampling probe into the exterior sewerage line and measured the hydrocarbon content of the submerged line. The hydrocarbon concentrations were less than one part per million indicating no organic solvent disposal into the septic system.

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 at the front door. The ladder used during our assessment had been washed at a car wash prior to entering the building.

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 biased sampling exclusively 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 structure that would be expected to exhibit the worst possible contamination.

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 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 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 blank, laboratory personnel were not informed which specific samples were blanks. The history of the FACTs field blank media has demonstrated a media and solvent contamination level below the analytical detection limit for 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.

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.

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 cm ²	Result µg/100cm ²	Decision Status
KLM032408-01	D.S. SE Bedroom, SE corner	523	<0.005	PASS
KLM032408-02	Top of PVC vent in furnace room	619	<0.005	PASS
KLM032408-03	Top shelf in Living room bathroom	523	<0.005	PASS
KLM032408-04	Bonus Room W wall, N Corner	523	<0.005	PASS
KLM032408-05	Garage SW Corner top of shelf	523	<0.005	PASS
KLM032408-06	Master bath, elevated shelf above shower	523	<0.005	PASS
KLM032408-07	Boy's Room S wall top of W corner	523	<0.005	PASS
KLM032408-08	Shared U.S. Bathroom top of cabinet	523	0.02	PASS
KLM032408-09	Kitchen top of N cabinet	523	<0.005	PASS
KLM032408-10	Field Blank #1	NA	NA	PASS
KLM032408-11	Studio W wall N corner	523	<0.005	PASS
KLM032408-12	Attic, top of metal light canisters	824	<0.003	PASS
KLM032408-13	Field Blank #2	NA	NA	PASS
KLM032408-14	Furnace interior	581	<0.005	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 from the Preliminary Assessment have been presented as triangles. The locations of the initial (cursory) samples are indicated by circles. The drawings are stylized and not to scale.



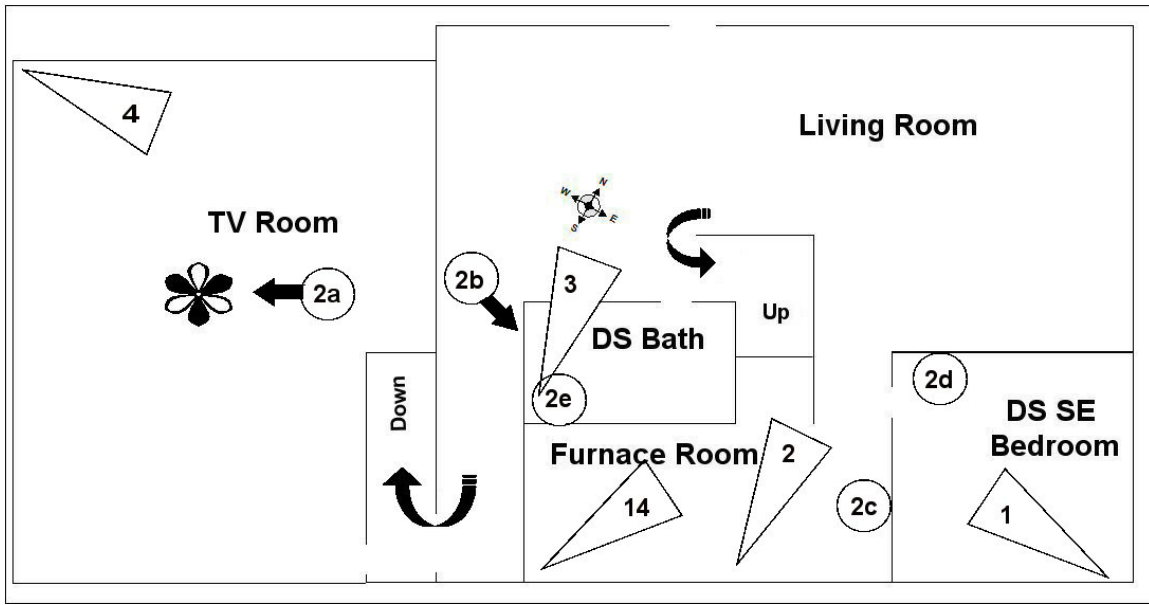


Figure 1
First Floor Sampling Locations
Not to Scale

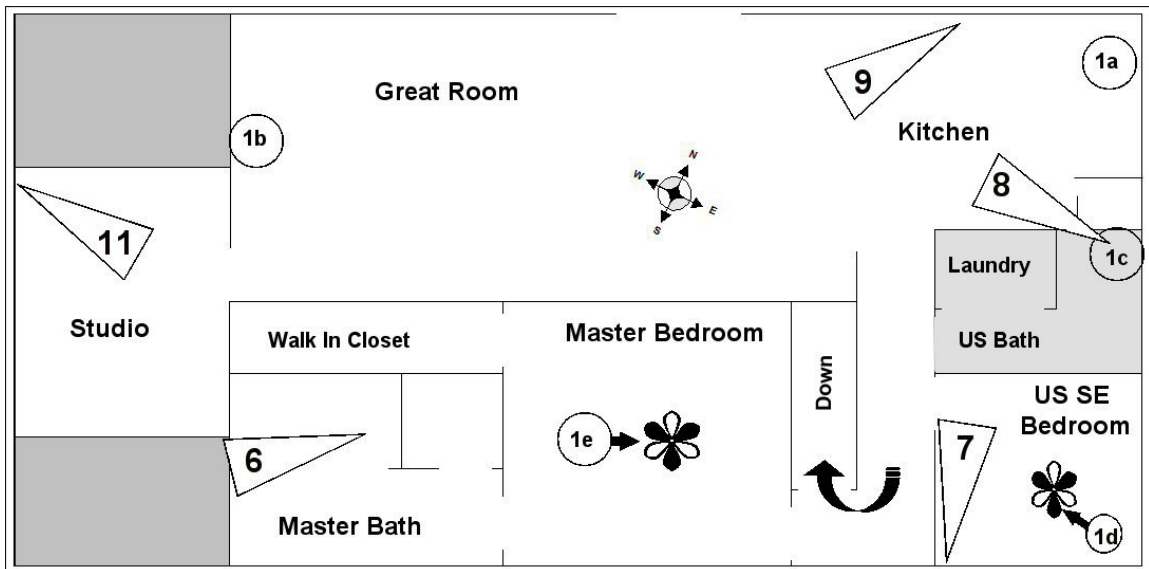


Figure 2
Second Floor Sampling Locations
Not to Scale



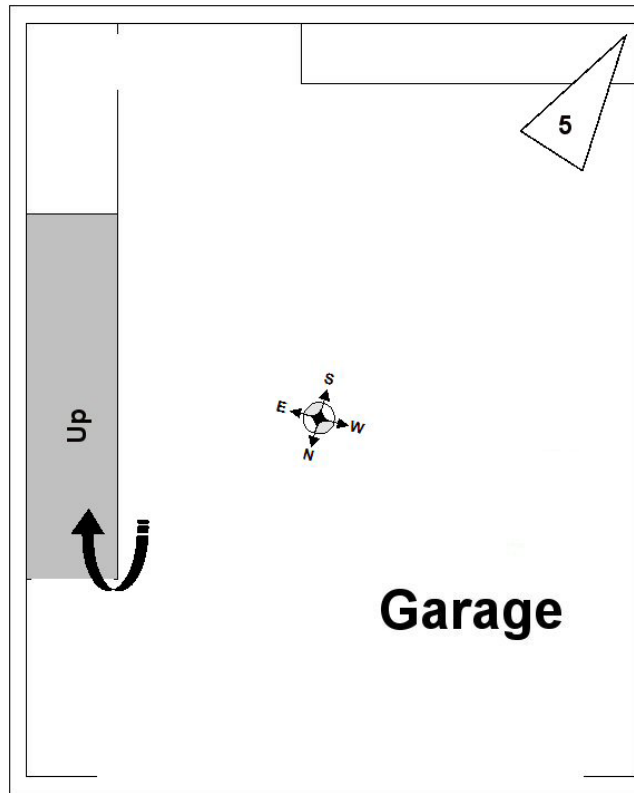


Figure 3
Garage Sampling Location
Not to Scale

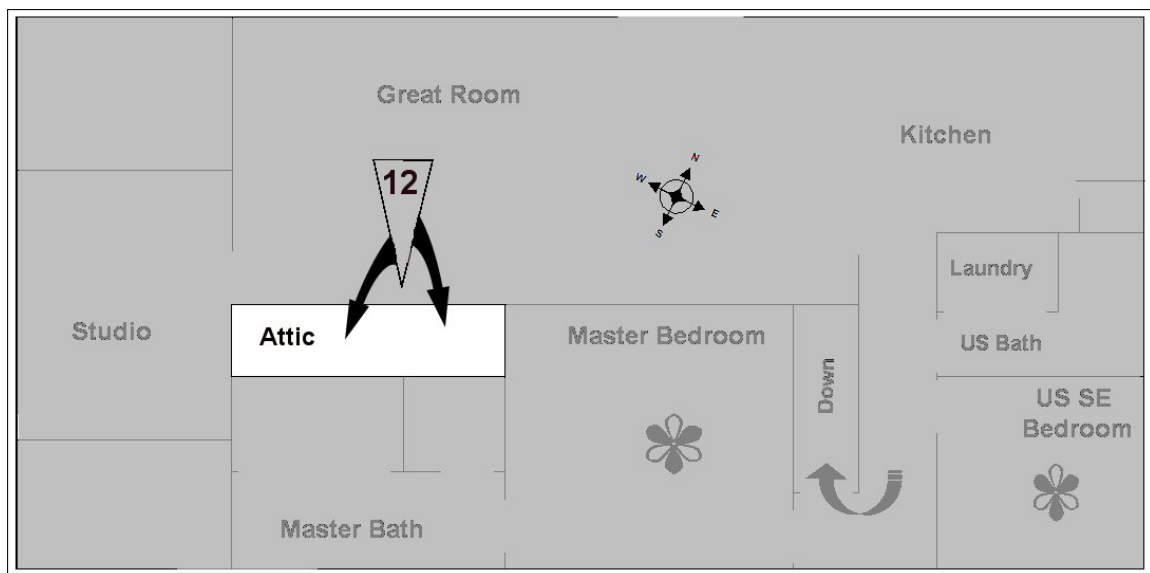


Figure 4
Attic Sampling Locations
Not to Scale



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 =100%, RPD <1%); Matrix spike 0.020 µg (recovery 85%, RPD 16%); Matrix spike Dup 0.020 µg; (recovery 95%, RPD 5%); Surrogate recovery (all samples): High 103% (Sample 8), Low 94% (Sample 1); FACTs reagents: MeOH lot #A0703 <MDL for n=12; Gauze lot G0801 <MDL for n=5. The QA/QC indicate the data met the data quality objectives; and the results do not appear to exhibit bias (mean recovery is 99%; Student's t LCL95= 98%, Student's t UCL95= 101%).

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*, the property is to be released for immediate occupancy without the need for any 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:	Kinsey	Form # ML1
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

PROPERTY DESCRIPTION:

Physical address	32548 Kinsey Lane Conifer CO 80433		
Legal description or VIN	Neighborhood: 9043 – (Shadow Mountain/Black Mountain/Brook Forest) Subdivision Name: 079600 - Black Mountain Ranch Estates; Lot 0030, Section 6, Township 6, Range 71		
Registered Property Owner	American Home Mortgage Servicing 4600 Regent Blvd Suite 200 Irving TX 75063		
Number of structures	One		
Type of Structures (Each affected structure will need a "Functional Space" inventory)	1: Residence	4,422	Square feet
	2:		Square feet
	3:		Square feet
	4:		Square feet
	5:		Square feet
	6:		Square feet
Adjacent and/ or surrounding properties	1: North: Mountain terrain, residence 2: South: Mountain terrain, residence 3: East: Mountain terrain, residence 4: West: Mountain terrain, residence 		
General Property Observations	Well kempt mountain property in new neighborhood. Signs of forced entry on the garage door. Otherwise excellent condition. No visual indicators of use/manufacturing.		
Presumed Production Method	Smoking in the upstairs bathroom.		

PLUMBING INSPECTION AND INVENTORY

FACTs project name:	Kinsey	Form # ML2
Date: March 24, 2008		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Functional Space	Room	Fixture	Indicia?	Comments
3	Bathroom # 1	Bath	N	
3	Bathroom # 1	Shower	N	
3	Bathroom # 1	Sink	N	
3	Bathroom # 1	Toilet	N	
6	Bathroom # 2	Bath	N	
6	Bathroom # 2	Shower	N	
6	Bathroom # 2	Sinks (x2)	N	
6	Bathroom # 2	Toilet	N	
8	Bathroom # 3	Shower	N	
8	Bathroom # 3	Sink	N	
8	Bathroom # 3	Toilet	N	
9	Kitchen	Dishwasher	N	
9	Kitchen	Sink	N	
NA	Slop sink	NA	NA	
NA	Washing machine	NA	NA	
4	Bonus Room	Sink	N	

VENTILATION INSPECTION AND INVENTORY

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



FUNCTIONAL SPACE INVENTORY

FACTs project name:	Kinsey	Form # ML3
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Structure Number	Functional Space Number	Indicia (Y/N)	Describe the functional space
1	1	N	Living Room and Downstairs SE Bedroom (Rec Rm and BR #3) including hallway between bedroom and living room and the hallway leading to the Bonus Room
1	2	N	Mechanical Room
1	3	N	Bathroom in Living Room
1	4	N	Bonus Room and garage stairs
1	5	N	Garage including area under stairs
1	6	N	Master Suite including closet and bathroom ensemble
1	7	N	Upstairs Boy's Room (Bedroom #2)
1	8	Y	Upstairs Bathroom and Laundry Room including small hall way in front of laundry room
1	9	N	Kitchen and Great Room Ensemble
1	10	N	Upstairs Office/Study
1	11	N	Attic



LAW ENFORCEMENT DOCUMENTATION

FACTs project name:	Kinsey	Form # ML4
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Inventory of Reviewed Documents	1:Location Search 03/18/08
	2: Interview Records personnel
	3:
	4:
	5:
Described method(s) of production	Smoking in upstairs bathroom
Chemicals identified by the LEA as being present	None
Cooking areas identified	Smoking in upstairs bathroom
Chemical storage areas identified	Smoking in upstairs bathroom
LE Observation on areas of contamination or waste disposal	None





FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

March 18, 2008

Jefferson County Sheriff's Office
Records Division
200 Jefferson County Parkway
Golden, CO 80401

Via Fax: 303-271-5552

To Whom It May Concern:

Forensic Applications, Inc. has been contracted to perform a "Preliminary Assessment" of an illegal clandestine drug lab pursuant to Colorado Board Of Health Regulations 6-CCR-1014-3, and CRS §25-18.5-101 *et seq.* The property is located in your jurisdiction at:

32548 Kinsey Lane, Conifer, Colorado

As you are aware, as part of that assessment, the Industrial Hygienist is required by regulation (6-CCR-1014-3§4.2) to review available Law Enforcement documents associated with the property. Generally, we initially do not require copies of any documents; and, if preferable, we can visit the records offices and review available information there. However, if it is the policy of JCSO to provide records, we can pick those documents up at the Records Offices.

We will be performing the on-site assessment on the afternoon of Wednesday, March 19, 2008, and will need to review documents before then. We apologize for the short notice, however, we generally do not have any control over the timeframes involved.

Forensic Applications takes extreme caution to protect all Law Enforcement Sensitive information. When requested by the Law Enforcement Agency, we do NOT reveal names, document identities, or include any information considered sensitive by an investigating agency. We have developed a close working relationship with Law Enforcement personnel across the State of Colorado, and we value and respect that open line of communication. Included with this letter is a copy of our SOQ, as required by regulation.

Prior to our site visit, we would like to obtain at least a call history for the property, going back for the last 36 months or meet with one or more JCSO members who may be familiar with the property. We are only interested in issues involving controlled substances or hazardous materials responses. If no such records are available please let us know and we will merely make that notation in our report to the Department of Health.

Sincerely,

Caoimhín P. Connell
Forensic Industrial Hygienist



JEFFERSON COUNTY SHERIFF'S OFFICE
APPLICATION FOR CRIMINAL JUSTICE RECORDS
RECORDS UNIT 303-271-5542 FAX 303-271-5552
200 Jefferson County Parkway, Golden, CO 80401 Attn: Records

Reply may take up to three working days. Please allow adequate time for processing and mailing.

PURPOSE FOR THE REQUEST: Please check one of the following:

☐ **MUG SHOT**

NAME _____ DOB _____ JCID # _____

NAME _____ DOB _____ JCID # _____

☐ **BACKGROUND CHECK** (ARREST AND SUMMONS INFORMATION BASED ON SHERIFF'S RECORDS ONLY)

NAME _____ DOB _____

☒ **POLICE REPORT** CASE # LJC060716028126 ____ OR

NAME Unknown _____ DOB _____ ADDRESS 32548 Kinsey Lane, Conifer, CO
(Reporting Party or person listed in report)

☐ **LOCATION SEARCH (Unincorporated Jefferson County only)**

ADDRESS _____ DATE(S) _____

☐ **OTHER:** _____

(In/Out dates, Columbine documents, Sex Offender Lists, etc)

**PER COLORADO REVISED STATUTE 24-72-305.5 ACCESS TO RECORDS/DENIAL BY CUSTODIAN
USE OF RECORDS TO OBTAIN INFORMATION FOR SOLICITATION**

THE OFFICIAL CUSTODIAN SHALL DENY ANY PERSON ACCESS TO RECORDS OF OFFICIAL ACTIONS AND CRIMINAL JUSTICE RECORDS UNLESS SUCH PERSON SIGNS A STATEMENT WHICH AFFIRMS THAT SUCH RECORDS SHALL NOT BE USED FOR THE DIRECT SOLICITATION OF BUSINESS FOR PECUNIARY GAIN (MONETARY GAIN).

I, Caoimhín P. Connell ACKNOWLEDGE AND UNDERSTAND the above statement and I am not requesting this information for the solicitation of business for pecuniary gain.

Signature  Date March 18, 2008

Address Forensic Applications, Inc. 185 Bounty Hunter Lane Phone 303-903-7494

City, State Zip Bailey, CO 80421 FAX # 303-816-1037

FOR INTERNAL USE ONLY

☐ REQUEST GRANTED AUTHORIZED BY: _____

☐ REQUEST DENIED (if so, reason: _____)

☐ CASH ☐ CHECK # _____ ☐ MC/VISA INVOICE # _____

COMPLETED BY _____ AMOUNT \$ _____

TO BE COMPLETED BY CUSTOMERS USING MASTER CARD OR VISA FOR FAX OR MAIL REQUESTS

CREDIT CARD NUMBER _____ EXP. DATE _____

SECURITY CODE _____ AUTHORIZED SIGNATURE _____

(Last three digits that appear in signature panel on back of card)

10/06 JCSO/R 190



TED MINK
Sheriff

200 Jefferson County Parkway
Golden, Colorado 80401-2697
www.jeffcosheriff.com

RAY FLEER
Undersheriff

FAX COVER SHEET

Date: 3-18-08

Total Number of Pages: COVER

2 INCLUDING

EFAX 568 0489

Deliver To: CADIMHIN CONNELL

Phone#: 3-903-7494 Fax#: 3-811-1037

From: TERESA-RECORDS

Phone#: 3-271-5542 Fax#: 3-271-5552

Item Description: LOCATION SEARCH

DIVISION/UNIT FAX NUMBERS

EXECUTIVE ADMINISTRATION.....303-271-5307

Public Information Officer303-271-5668

SUPPORT SERVICES DIVISION.....303-271-5318

Accreditation/Staff Inspection 303-271-5180

Ancillary Services 303-271-5352

Asset Management 303-271-5318

Building Maintenance 303-271-5585

Business Office 303-271-5357

Civil 303-271-6593

Communications/Dispatch 303-271-5529

Counseling 303-271-5356

Evidence Vault 303-271-5552

Fleet 303-271-5374

Fugitive 303-271-6593

Internal Affairs 303-271-5317

Professional Standards 303-271-5352

Radio Maintenance 303-271-5375

Records 303-271-5552

Recruiting/Training 303-271-5352

Supply 303-271-5343

Warrants 303-271-6473

DETENTION SERVICES DIVISION303-271-5403

Accounting 303-271-5468

Booking 303-271-5561

Medical 303-271-5432

Transportation 303-271-5454

Work Release 303-271-5155

CRIMINAL INVESTIGATIONS DIVISION.....303-271-5600

Criminalistics/Lab 303-271-5696

Intelligence 303-987-7155

Property 720-377-2029

Victim Services 303-271-5598

West Metro Drug Task Force 303-423-2310

PATROL DIVISION (Administration).....303-271-5500

Patrol Operations (Mountain) 303-674-6488

Patrol Operations (North) 303-271-5145

Patrol Operations (South) 720-377-2028

Critical Incident Response 303-271-4905

Animal Control 303-271-5075



Jefferson County Sheriff's Office
 Calls for Service to: 32548 Kinsey Ln
 12/15/1999- 3/18/2008

<u>Date</u>	<u>Event Number</u>	<u>Report Number</u>	<u>Apt</u>	<u>Bldg</u>	<u>Incident Type Description</u>	<u>Disposition</u>
07/12/2005	LJC050712080899	LJC050712024050			DOMESTIC DISTURBANCE	REPORT TAKEN
01/09/2006	LJC060109003183				SUSPICIOUS INCIDENT	CLEARED, INCIDENT TERMINATED
07/16/2006	LJC060716079605	LJC060716028125			HARASSMENT	REPORT TAKEN
07/16/2006	LJC060716079638	LJC060716028126			DANGEROUS DRUGS OFFER	REPORT TAKEN
10/31/2006	LJC061031121178	LJC061031042440			UNWANTED PARTY	CLEARED, INCIDENT TERMINATED
11/19/2006	LJC061119128422				FOLLOW UP	CLEARED, INCIDENT TERMINATED
03/12/2007	LJC070312026969	LJC070312009439			DOMESTIC DISTURBANCE	REPORT TAKEN
03/12/2007	LJC070312026994				DOMESTIC DISTURBANCE	CLEARED, INCIDENT TERMINATED

*** End of Report ***

Search includes all calls to the street address indicated. Apt# and Bldg# are provided when available, however, this data is not always captured at the time a call is dispatched.

FIELD OBSERVATIONS

FACTs project name:	Kinsey	Form # ML5
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Structure: One**Functional Space: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11**

Item	Yes or Number	No	Item	Yes or Number	No
Acids		X	Heet or similar (MeOH)		X
Aerosol cans		X	Hydrogen peroxide		X
Alcohols (MeOH, EtOH)		X	Iodine		X
Ammonia		X	Kitty litter		X
Ammunition		X	Lead		X
Bags of salt		X	Lithium		X
Bases		X	Match components		X
Basters/Pipettes		X	Mercury		X
Batteries		X	Methamphetamine		X
Bi-phasic wastes		X	Modified coolers		X
Booby traps (trips, triggers, etc)		X	Needles/Syringes		X
Bullet holes		X	Other OTC		X
Chemical storage		X	Phenyl-2-propanone		X
Corrosion on surfaces		X	Presence of cats		X
Colored wastes		X	Pseudoephedrine		X
Drug paraphernalia		X	Red P		X
Empty OTC Bottles		X	Solvents - ketones, etc		X
Ephedrine		X	Solvents -aromatics		X
Filters		X	Urine containers		X
Gas cylinders		X	Weapons		X
Gerry cans		X	Yellow staining		X
Glassware		X			

Notes

- ① Present but not as indicia
- ② Copious or unusual quantities
- ③ Present in normal household expectations
- ④ Modified in manner consistent with clanlab use



FIELD OBSERVATIONS

FACTs project name:	Kinsey	Form # ML5
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Structure: One**Functional Space: 8**

Item	Yes or Number	No	Item	Yes or Number	No
Acids		X	Heet or similar (MeOH)		X
Aerosol cans		X	Hydrogen peroxide		X
Alcohols (MeOH, EtOH)		X	Iodine		X
Ammonia		X	Kitty litter		X
Ammunition		X	Lead		X
Bags of salt		X	Lithium		X
Bases		X	Match components		X
Basters/Pipettes		X	Mercury		X
Batteries		X	Methamphetamine	X	
Bi-phasic wastes		X	Modified coolers		X
Booby traps (trips, triggers, etc)		X	Needles/Syringes		X
Bullet holes		X	Other OTC		X
Chemical storage		X	Phenyl-2-propanone		X
Corrosion on surfaces		X	Presence of cats		X
Colored wastes		X	Pseudoephedrine		X
Drug paraphernalia		X	Red P		X
Empty OTC Bottles		X	Solvents - ketones, etc		X
Ephedrine		X	Solvents -aromatics		X
Filters		X	Urine containers		X
Gas cylinders		X	Weapons		X
Gerry cans		X	Yellow staining		X
Glassware		X			

Notes

- ① Present but not as indicia
- ② Copious or unusual quantities
- ③ Present in normal household expectations
- ④ Modified in manner consistent with clanlab use



INDIVIDUAL SEWAGE DISPOSAL SYSTEM FIELD FORM

FACTs project name:	Kinsey	Form # ML7
Date: March 24, 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 or 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		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 detection method	Metal oxide sensor
Calibrated prior to use?	Yes
Make and Model	EnMet Target

Location	MOS*	FID*
External septic tank line	<1	

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



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

PRE-REMEDIATION PHOTOGRAPH LOG SHEET (1 / 2)

FACTs project name:	Kinsey	Form # ML8
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Name ▲	Date taken ▼	Name ▲	Date taken ▼
Attic	3/24/2008 03:54 PM	Exterior (13)	3/24/2008 03:18 PM
Attic (2)	3/24/2008 03:57 PM	Exterior (14)	3/24/2008 03:18 PM
Attic (3)	3/24/2008 03:58 PM	Exterior (15)	3/24/2008 04:16 PM
Attic (4)	3/24/2008 03:58 PM	Exterior (16)	3/24/2008 04:16 PM
Attic (5)	3/24/2008 03:58 PM	Exterior (17)	3/24/2008 04:16 PM
Attic (6)	3/24/2008 03:59 PM	Exterior (18)	3/24/2008 04:16 PM
Attic (7)	3/24/2008 03:59 PM	Exterior (19)	3/24/2008 04:17 PM
Attic (8)	3/24/2008 03:59 PM	Exterior (20)	3/24/2008 04:17 PM
Attic (9)	3/24/2008 03:59 PM	Garage	3/24/2008 03:21 PM
Downstairs LR	3/24/2008 03:25 PM	Garage (2)	3/24/2008 03:21 PM
Downstairs LR (2)	3/24/2008 03:25 PM	Garage (3)	3/24/2008 03:21 PM
Downstairs LR (3)	3/24/2008 03:25 PM	Garage (4)	3/24/2008 03:22 PM
DS Bath	3/24/2008 04:43 PM	Garage (5)	3/24/2008 03:22 PM
DS Bath (2)	3/24/2008 04:44 PM	Garage (6)	3/24/2008 03:22 PM
DS BR	3/24/2008 03:25 PM	Garage (7)	3/24/2008 03:22 PM
DS BR (2)	3/24/2008 03:25 PM	Garage (8)	3/24/2008 03:22 PM
DS SE BR	3/24/2008 04:26 PM	Garage (9)	3/24/2008 03:23 PM
DS SE BR (2)	3/24/2008 04:26 PM	Garage (10)	3/24/2008 03:23 PM
Exterior	3/24/2008 02:28 PM	Garage (11)	3/24/2008 03:23 PM
Exterior (2)	3/24/2008 02:28 PM	Garage (12)	3/24/2008 03:23 PM
Exterior (3)	3/24/2008 02:32 PM	Garage (13)	3/24/2008 03:23 PM
Exterior (4)	3/24/2008 02:32 PM	Garage (14)	3/24/2008 03:23 PM
Exterior (5)		Garage (15)	3/24/2008 04:51 PM
Exterior (6)	3/24/2008 02:32 PM	Garage (16)	3/24/2008 04:51 PM
Exterior (7)	3/24/2008 02:43 PM	Garage (17)	3/24/2008 04:52 PM
Exterior (8)	3/24/2008 02:43 PM	Garage (18)	3/24/2008 04:52 PM
Exterior (9)	3/24/2008 02:43 PM	Garage stairway	3/24/2008 03:24 PM
Exterior (10)	3/24/2008 03:18 PM	Garage stairway (2)	3/24/2008 03:24 PM
Exterior (11)	3/24/2008 03:18 PM	Kitchen	3/24/2008 04:13 PM
Exterior (12)	3/24/2008 03:18 PM	Kitchen (2)	3/24/2008 04:13 PM



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

PRE-REMEDIATION PHOTOGRAPH LOG SHEET (2/2)

FACTs project name:	Kinsey	Form # ML8
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Name ▲	Date taken ▼
Laundry Rm	3/24/2008 03:28 PM
Laundry Rm (2)	3/24/2008 03:28 PM
Livingroom	3/24/2008 03:19 PM
Livingroom (2)	3/24/2008 03:19 PM
Livingroom (3)	3/24/2008 03:19 PM
Livingroom (4)	3/24/2008 03:30 PM
Livingroom (5)	3/24/2008 03:30 PM
Master Bath	3/24/2008 03:27 PM
Master Bath (2)	3/24/2008 03:27 PM
Master Bath (3)	3/24/2008 03:27 PM
Master Bath (4)	3/24/2008 03:52 PM
Master Bath (5)	3/24/2008 03:52 PM
Master Bath (6)	3/24/2008 03:53 PM
Master Bath (7)	3/24/2008 03:54 PM
Master Bath (8)	3/24/2008 03:54 PM
Master BR	3/24/2008 03:27 PM
Master BR (2)	3/24/2008 03:27 PM
MVI_8437	
MVI_8437.THM	
MVI_8438	
MVI_8438.THM	
Samples	3/24/2008 04:56 PM
Samples (2)	3/24/2008 04:56 PM
Samples (3)	3/24/2008 04:57 PM
Samples (4)	3/24/2008 04:57 PM
Studio	3/24/2008 03:30 PM
Studio (2)	3/24/2008 03:30 PM
Studio (3)	3/24/2008 03:31 PM
Studio (4)	3/24/2008 04:19 PM
Studio (5)	3/24/2008 04:19 PM

Name ▲	Date taken ▼
Studio (3)	3/24/2008 03:31 PM
Studio (4)	3/24/2008 04:19 PM
Studio (5)	3/24/2008 04:19 PM
Studio (6)	3/24/2008 04:19 PM
TV Room	3/24/2008 03:24 PM
TV Room (2)	3/24/2008 03:24 PM
TV Room (3)	3/24/2008 03:24 PM
TV Room (4)	3/24/2008 04:46 PM
TV Room (5)	3/24/2008 04:47 PM
US Bath	3/24/2008 03:28 PM
US Bath (2)	3/24/2008 03:29 PM
US Bath (3)	3/24/2008 03:29 PM
US Bath (4)	3/24/2008 03:29 PM
US Bath (5)	3/24/2008 03:29 PM
US Bath (6)	3/24/2008 03:29 PM
US Bath (7)	3/24/2008 04:08 PM
US Bath (8)	3/24/2008 04:08 PM
US SE BR	3/24/2008 04:03 PM
US SE BR (2)	3/24/2008 04:04 PM
US SE BR (3)	3/24/2008 04:04 PM
US SE BR (4)	3/24/2008 04:04 PM
Utility Rm	3/24/2008 03:26 PM
Utility Rm (2)	3/24/2008 03:26 PM
Utility Rm (3)	3/24/2008 03:26 PM
Utility Rm (4)	3/24/2008 03:26 PM
Utility Rm (5)	3/24/2008 04:30 PM
Utility Rm (6)	3/24/2008 04:30 PM
Utility Rm (7)	3/24/2008 04:34 PM
Utility Rm (8)	3/24/2008 04:36 PM
Utility Rm (9)	3/24/2008 04:37 PM



POST-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name:	Kinsey	Form # ML9
Date: March 24, 2008		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

NOT APPLICABLE



DRAWING OF STORAGE/DISPOSAL AREA(S)

FACTs project name:	Kinsey	Form # ML11
Date: March 24, 2008		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

See body of report

Each grid equals approximately _____ (Approximate lay-out; Not to scale)

Describe the area: _____



DRAWING OF GENERAL LAB AREA

FACTs project name:	Kinsey	Form # ML12
Date: March 24, 2008		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

A large grid of graph paper, resembling a standard sheet of graph paper with a grid of small squares. In the upper center of the grid, there is a large white rectangular area. Inside this white area, the text "See Body of Report" is written in a black, sans-serif font. The text is centered horizontally and vertically within the white rectangle. The grid lines are thin and black, and the background of the entire image is white.

Each grid equals approximately _____ (Approximate lay-out; Not to scale)

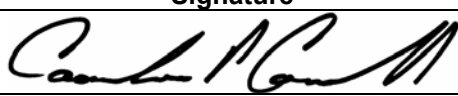



Describe the area: _____



CERTIFICATION, VARIATIONS AND SIGNATURE SHEET

FACTs project name:	Kinsey	Form # ML14
Date: March 24, 2008		
Reporting IH:	Caoimhin 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 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 modificationsXX

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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: April 4, 2008



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.



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:	Kinsey Lane	Form # ML15
Date:	March 24, 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, and 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 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 collected over 800 samples in over 80 assessments in illegal drug labs.

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, who is a committee member of the ASTM International Forensic Sciences Committee, is 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 SAMPLING CHECKLIST

FACTs project name:	Kinsey	Form # ML18
Date: March 24, 2008		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Functional Space #	Collected a Minimum of 500 cm ²		General Sampling Considerations	
	Yes	No		
			Floor Space Area of Lab (ft ²)	4,422
1	X		One extra sample is required for every 500 ft ² of floor space >1,500ft ² . Enter number of <u>extra</u> samples required:	6
2	X		Is the lab a motor vehicle?	No
3	X		Does the lab contain motor vehicles?	No
4	X		Enter number of motor vehicles associated with the lab:	0
5	X		Are the vehicles considered functional spaces of the lab?	NA
6	X		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
7	X		Enter number of large vehicles (campers, trailers, etc)	0
8	X		One extra sample is required for every 50 ft ² of floor space of large vehicles. Enter number of extra samples required:	0
9	X		One BX must be included for every 10 samples. Enter the number of BX required.	2
10	X		Enter Number of Functional Spaces to be included	11
11	X		Enter total number of samples/BXs required	13
			Enter total number of samples/BXs actually collected	14
			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 B

COUNTY SEPTIC SYSTEM DOCUMENT

JEFFERSON COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT
1801 19TH STREET, GOLDEN, CO 80401 (303) 271-5755 FAX: (303) 271-5760
<http://health.jeffco.us>

ON-SITE WASTEWATER TREATMENT SYSTEM (ISDS) SITE INSTALLATION PLAN

PERMIT NUMBER: 04-115001 OW
ADDRESS: 32548 KINSEY LN
LEGAL: Lot 0030, Black Mountain Ranch Estates
ADDITIONAL LEGAL INFO: N/A

OWNER: WILLIAM C. THARP
SYSTEM DESIGNED FOR: 3 Bedroom Single Family Dwelling
SECONDARY STRUCTURE: N/A
SIZE OF SEPTIC TANK (gal): 1250 WITH SCREENED DOSING SIPHON
ABSORPTION AREA (sq. ft.): 720

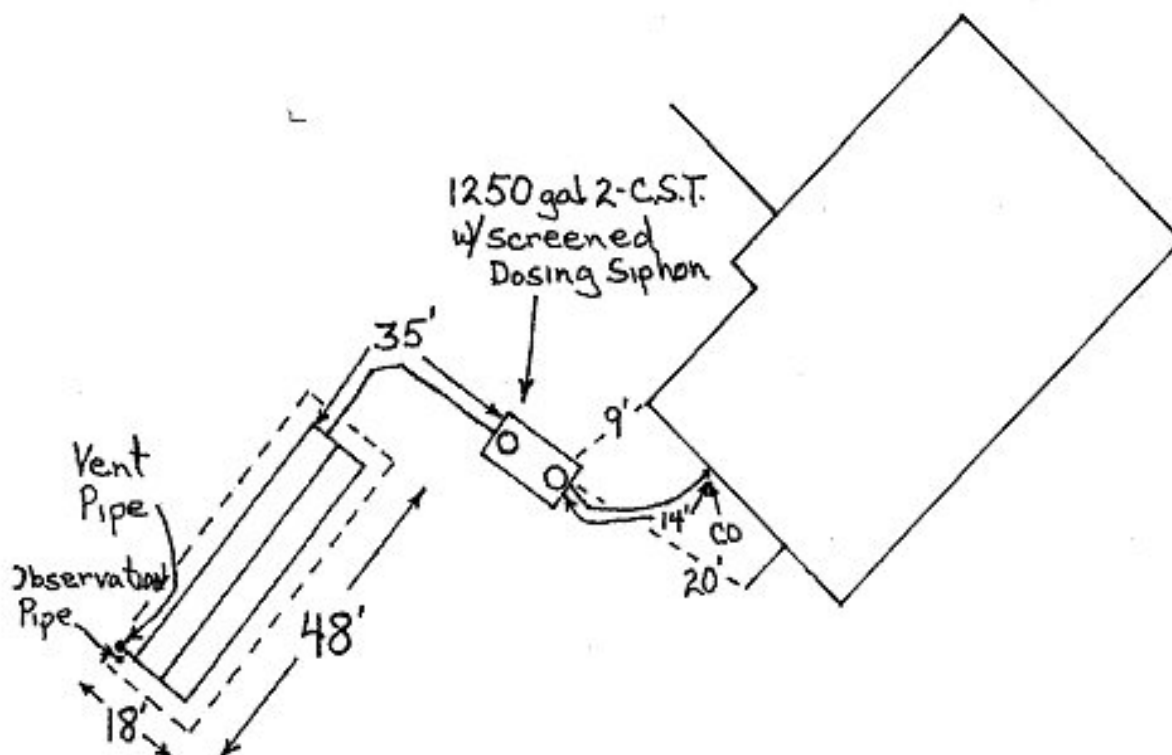
The On-site Wastewater Treatment System (ISDS) on this property was installed in accordance with the permit conditions and the Individual Sewage Disposal System Regulations of Jefferson County, Colorado.

INSPECTOR *[Signature]*

FINAL APPROVAL DATE

Well @ July 7, 2005

NOTE: This drawing is an "as built" sketch of the On-site Wastewater Treatment System (ISDS). The distances, relative locations of structures, well, system components, and compass directions are approximate.



APPENDIX C

ANALYTICAL REPORTS FOR FACTs SAMPLES



SAMPLING FIELD FORM

FACTs project name: Kinsey	Form # ML17
Date: March 24, 2008	Alcohol Lot#: A0703 Gauze Lot#: G0801
Reporting IH: Caoimhín P. Connell, Forensic IH	Preliminary: X Intermediate_____ Final: X

Sample ID KLM032408-	Type	Area/ Volume /Weight	Location	Func. Space	Dimensions	Substrate	Result
-01	W	523	D.S. SE Bedroom, SE corner	1	9 x 9	PDW	BDL
-02	W	619	Top of PVC vent in furnace room	2	3 x 32	Plastic	BDL
-03	W	523	Top shelf in Living room bathroom	3	9 x 9	PW	BDL
-04	W	523	Bonus Room W wall, N Corner	4	9 x 9	PDW	BDL
-05	W	523	Garage SW Corner top of shelf	5	9 x 9	LW	BDL
-06	W	523	Master bath, elevated shelf above shower	6	9 x 9	PDW	BDL
-07	W	523	Boy's Room S wall top of W corner	7	9 x 9	PDW	BDL
-08	W	523	Shared U.S. Bathroom top of cabinet	8	9 x 9	LW	0.09
-09	W	523	Kitchen top of N cabinet	9	9 x 9	LW	BDL
-10	W	NA	Field Blank #1	NA	NA	NA	BDL
-11	W	523	Studio W wall N corner	10	9 x 9	PW	BDL
-12	W	824	Attic, top of metal light canisters	11	See Note 1	M	BDL
-13	W	NA	Field Blank #2	NA	NA	NA	BDL
-14	W	581	Furnace interior	2	4.5 x 20	M	BDL

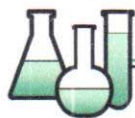
Sample Types: W=Wipe; V=Microvacuum; A=Air; B=Bulk; L=liquid

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

Diameter = 4.5 inches X two canister lights



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.



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:	08117-10
Date Received:	March 28, 2008
Date Completed:	April 1, 2008

April 1, 2008

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

CLIENT REF: Kinsey Lane

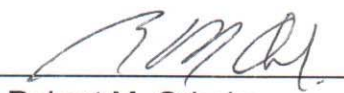
SAMPLES: wipes/14

ANALYSIS: Methamphetamine by Gas Chromatography-Mass Spectrometry.

RESULTS: in total micrograms (ug)

Sample	Methamphetamine, ug	% Surrogate Recovery
KLM032408 - 01	< 0.030	94
KLM032408 - 02	< 0.030	98
KLM032408 - 03	< 0.030	100
KLM032408 - 04	< 0.030	99
KLM032408 - 05	< 0.030	103
KLM032408 - 06	< 0.030	98
KLM032408 - 07	< 0.030	101
KLM032408 - 08	0.087	103
KLM032408 - 09	< 0.030	101
KLM032408 - 10	< 0.030	101
KLM032408 - 11	< 0.030	97
KLM032408 - 12	< 0.030	98
KLM032408 - 13	< 0.030	101
KLM032408 - 14	< 0.030	98
QA/QC Method Blank	< 0.004	
QC 0.100 ug Standard	0.100	
QA 0.020 ug Matrix Spike	0.017	
QA 0.020 ug Matrix Spike Duplicate	0.019	
Method Detection Limit (MDL)	0.004	
Practical Quantitation Limit (PQL)	0.030	

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


Robert M. Orheim
Director of Laboratories



ANALYTICAL CHEMISTRY INC.

CDL SAMPLING & CUSTODY FORM

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

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

Page 1 of 2
Please do not write in shaded areas.

SAMPLING DATE: March 24, 2008		REPORT TO: Caoimhin P. Connell		ANALYSIS REQUESTED											
PROJECT Name/No: Kinsey Lane		COMPANY: Forensic Applications, Inc.		1 Methamphetamine 2 Use entire contents 3 4 5 6											
eMail: Fiosrach@aol.com		ADDRESS: 185 Bounty Hunters Lane, Bailey, CO 80421		Not Submitted											
SAMPLER NAME: Caoimhin P. Connell		PHONE: 303-903-7494													
LAB Number	Sample Number	SAMPLE MATRIX			ANALYSIS REQUESTS						SAMPLER COMMENTS	LAB COMMENTS	No of Containers		
		Wipe	Vacuum	Other	1	2	3	4	5	6					
K1	KLM032408-01	W			X	X									1
K2	KLM032408-02				X	X									1
K3	KLM032408-03				X	X									1
K4	KLM032408-04				X	X									1
K5	KLM032408-05				X	X									1
K6	KLM032408-06				X	X									1
K7	KLM032408-07				X	X									1
K8	KLM032408-08				X	X									1
K9	KLM032408-09				X	X									1
K10	KLM032408-10				X	X									1
CHAIN OF CUSTODY RECORD		Wipes Results in:		<input type="checkbox"/> µg/100cm ²	<input checked="" type="checkbox"/> Total µg						Total Number of Containers (verified by laboratory)			10	
PRINT NAME	Signature	COMPANY	DATE	TIME	Turnaround Time		Custody Seals:		Container:	Temperature:	Inspected By:	Lab File No.			
Caoimhin P. Connell	<i>Caoimhin P. Connell</i>	FACTS, Inc.	11/15/07		<input type="checkbox"/> 24 Hours (2X) <input type="checkbox"/> 2 Days (1.75X) <input type="checkbox"/> 3 Days (1.5X)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Intact		Intact	Ambient	MIA Sazon	08117-10			No
MIA Sazon	<i>adg</i>	ACI	3/26/08	11:06	<input type="checkbox"/> 2 Days (1.75X) <input type="checkbox"/> 3 Days (1.5X)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Intact		Intact	Ambient	MIA Sazon	08117-10			Broken
			3/28/08	1600	<input type="checkbox"/> 2 Days (1.75X) <input type="checkbox"/> 3 Days (1.5X)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Intact		Intact	Ambient	MIA Sazon	08117-10			Cooled

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

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FAX: 206-622-4623

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APPENDIX D

COMPACT DIGITAL DISC (CD)