



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

**Preliminary Assessment
of an
Identified Illegal Drug Laboratory**

**Resulting in a
Decision Statement**

**At:
6442 Hanna Rose Road
Colorado Springs, CO**

Prepared for:

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- Appendix C Analytical Methods (on DVD)
- Appendix D Initial Industrial Hygiene Report (Public Domain) on DVD
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EXECUTIVE SUMMARY

On Thursday, April 19, 2012 Forensic Applications Consulting Technologies, Inc. (FACTs) was contracted to perform a standard cursory evaluation for the presence of methamphetamine at the residence located at 6442 Hanna Rose Road, Colorado Springs, CO (the subject property).

Consistent with the Colorado Real Estate methamphetamine disclosure and testing statute (CRS §38-35.7-103(2)(a)), FACTs collected a standard five-parted wipe sample which formed one composite for the quantitative determination of the presence of methamphetamine.

The results of the sample conclusively demonstrated concentrations of methamphetamine in excess of the reportable detection limits. On April 30, 2012, FACTs issued a report of our findings which served as “Discovery” and “Notification.”

Starting May 7, 2012, personnel from FACTs performed a State mandated Preliminary Assessment pursuant to Colorado Regulation 6 CCR 1014-43, Part 4. Based on the totality of the circumstances, FACTs makes the following observations:

- This document serves as both the Preliminary Assessment¹ and the Final Report of verification sampling, Pursuant to Section 7, 6 CCR 1014-3, resulting in a Decision Statement.²
- An illegal drug lab, as that term is defined in CRS §25-18.5-101 (2.7), existed at the subject property at the time of our April 19, 2012 evaluation.
- A Class 1 Public Nuisance, as defined in CRS §16-13-303(1) existed at the property at the time of our April 30, 2012, report.
- Pursuant to 6 CCR 1014-3 (Mandatory Appendix A) FACTs hereby issues, by virtue of this document, a *Decision Statement*³ affirming that:

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

² Ibid. (§8)

³ 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 property was found to be compliant.
- Pursuant to this *Decision Statement*, FACTs recommends to the Governing Body that the property be released for immediate occupancy: no harmful chemical residues were found at concentrations above the regulatory thresholds or that may present an immediate or long-term threat to human health and/or the environment.

BACKGROUND

On April 19, 2012, at the request of the registered owner of the subject property, personnel from FACTs visited the subject property and performed a cursory industrial hygiene evaluation for the presence of methamphetamine. The data quality objectives of the methamphetamine evaluation were not to determine representative concentrations, nor to characterize degree and/or extent of any extant contamination, but rather to merely provide a “Yes” or “No” answer to the following question:

“Is methamphetamine present at the property?”

During the April 19, 2012 evaluation, a composite sample was collected from five locations at the residence. The reportable limit during the evaluation was set at the highest regulatory limit for a discrete sample for methamphetamine in Colorado, namely 0.5 µg/100cm². The composite sample conclusively confirmed the presence of methamphetamine at the subject property at a concentration greater than the reportable limit.

Based on the sample result, the property was “discovered” pursuant to mandatory regulations, and on April 30, 2012, the Property Owner was given “notice” as those terms are found in CRS §25-18.5-103. As a result of the cursory evaluation, a Preliminary Assessment was required, and is presented here.

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, a “Preliminary Assessment” of the property



must be conducted. The Preliminary Assessment must be conducted according to specified requirements⁴ by an authorized Industrial Hygienist as that term is defined in CRS §24-30-1402.

This PA was performed by Mr. Caoimhín P. Connell, Forensic Industrial Hygienist with FACTs. Mr. Connell was assisted by Ms. Christine Carty, Field Technician, and Mr. Glen Hardey, Field Technician.⁵ A copy of Mr. Connell's statement of qualifications is included as an appendix with this discussion.

PRELIMINARY ASSESSMENT

Pursuant to State regulations, during the Preliminary Assessment (PA), 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.⁶ 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 illegal drug laboratories, to conclude the *presence* of methamphetamine, and/or its precursors as related to processing, drug use, storage, or waste products.

Sampling during a cursory evaluation or a Preliminary Assessment is not required, and the Industrial Hygienist may presume noncompliance in lieu of sampling. However, if sampling 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:⁷

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.

⁴ Section 4 of 6 CCR 1014-3

⁵ Ms. Carty received a training certificate in Clandestine Drug Lab Safety through the State of Colorado Department of Public Safety, Division of Criminal Justice, Colorado Regional Community Policing Institute (CRCPI) sponsored by the US Dept. of Justice High Intensity Drug Trafficking Area fund.

Mr. Hardey has extensive training in illegal drug laboratories and received a training certificate in Clandestine Drug Lab Safety through the Colorado Regional Community Policing Institute (CRCPI) sponsored by the US Dept. of Justice High Intensity Drug Trafficking Area fund as well as site specific training pursuant to 29 CFR §1910.120. Mr. Hardey is further certified in Clandestine Drug Lab entry and processing through the US Drug Enforcement Agency.

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

⁷ Section 4.6 of 6 CCR 1014-3



If the Industrial Hygienist performing the Preliminary 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.⁸

Normally, after the Preliminary Assessment is issued, the subject property is remediated, and an Industrial Hygienist must perform verification 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 must be deemed to be compliant and a Decision Statement must be issued, releasing the property. If objective sampling data indicates contamination is 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.⁹ In this case, sampling performed during the Preliminary Assessment was simultaneously compliant with the final verification sampling protocols found in Section 7 of the pertinent State Regulations, and lead directly to a Decision Statement without the need for any remediation.

Elements of the Preliminary Assessment

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

Mandatory Documents	DOCUMENTATION	Included
§4.1	Property description field form	<i>AL</i>
§4.2	Law Enforcement documentation review discussion	<i>AL</i>
§§4.3, 4.6, 4.10	Field Observations field form	<i>AL</i>
	FACTs Functional space inventory field form	<i>AL</i>
§§4.4, 4.5	Description of manufacturing methods and chemicals	<i>AL</i>
§4.7	Description and Drawing of Storage area(s)	<i>AL</i>
§4.8	Description and Drawing of Waste area(s)	<i>AL</i>
§4.9	Description and Drawing of Cook area(s)	<i>AL</i>
§4.11	Plumbing inspection field form	<i>AL</i>
	FACTs ISDS field form	NA
§4.12	Contamination migration field form or description	<i>AL</i>
§4.13	Identification of common ventilation systems	<i>AL</i>
§8.1	Property description field form	<i>AL</i>
§8.2	Description of manufacturing methods and chemicals	<i>AL</i>
§8.3	Law Enforcement documentation review discussion	<i>AL</i>
§8.4	Description and Drawing of Storage area(s)	<i>AL</i>
§8.5	Description and Drawing of Waste area(s)	<i>AL</i>

**Table 1
Inventory of Mandatory Information**

⁸ Colorado Revised Statutes §25-18.5-103

⁹ 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 Documents	DOCUMENTATION	Included
§8.6	Description and Drawing of Cook area(s)	<i>AL</i>
§8.7	Field Observations field form	<i>AL</i>
	FACTs Functional space inventory field form	<i>AL</i>
§8.8	Plumbing inspection field form	<i>AL</i>
	FACTs ISDS field form	<i>AL</i>
§8.9	Contamination migration discussion	<i>AL</i>
§8.10	Identification of common ventilation systems	<i>AL</i>
§8.11	Description of the sampling procedures and QA/QC	<i>AL</i>
§8.12	Laboratory QA/QC	<i>AL</i>
§8.13	Location and results of initial sampling with drawings	<i>AL</i>
§8.14	FACTs health and safety procedures in accordance with OSHA	<i>AL</i>
§8.15 - §8.19	These sections are not applicable to a PA directly resulting in a DS	
§8.20	FACTs Pre-remediation photographs and log	<i>AL</i>
	FACTs Post-remediation photographs and log	NA
§8.21	Industrial Hygienist's SOQ	<i>AL</i>
§8.22	Certification of procedures, results, and variations	<i>AL</i>
§8.23	Mandatory Certification Language	<i>AL</i>
§8.24	Signature Sheet	<i>AL</i>
NA	Analytical Laboratory Reports	<i>AL</i>
	FACTs Field Sampling Forms	<i>AL</i>
	FACTs final closeout inventory document	<i>AL</i>
	Analytical procedure	<i>AL</i>

**Table 1 (continued)
Inventory of Mandatory Information**

Pursuant to the regulations, information obtained during the Preliminary Assessment and subsequent Decision Statement, are entered into the public domain and are not subject to confidentiality.¹⁰

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

Review of Law Enforcement Documentation

As part of the Preliminary Assessment, FACTs is required by regulation¹¹ to review available law enforcement documents pertinent to a subject property. During this project, there was only one law enforcement agency with original jurisdiction who could reasonably be involved in controlled substance related activities at the property – the Colorado Spring Police Department.

¹⁰ Section 8.26 of 6 CCR 1014-3

¹¹ 6 CCR 1014-3 (Section 4.2)



However, the Colorado Springs Police Department is the only jurisdiction in the State of Colorado that refuses to cooperate with all aspects of Colorado Regulation 6 CCR 1014-3. During a previous Preliminary Assessments in Colorado Springs, FACTs was explicitly directed to make all requests pursuant to 6 CCR 1014-3 to the V&N Section of the Colorado Springs Police Department.¹² Having then made our written request to V&N for a July, 2010 Preliminary Assessment,¹³ V&N informed FACTs that they were not the correct office to contact and the request had to be made to “Records and ID.”

Personnel at Colorado Springs Police Department “Records and ID” informed FACTs that it was a “violation of State law” to release the mandatory information. The Records and ID personnel were unable to specify which “State law” was in danger of violation, but assured FACTs that our requests violate State law anyway. We were told that we would have to re-submit our written request and wait up to six weeks since information must be “redacted” from the public record by the Records Personnel. When we asked what form “redaction” would take, the Records Personnel informed us that they would censor out any information from the public record that they “felt” we did not need to know.

The Governing Body for Colorado Springs (also the Colorado Springs Police Department) is the only Governing Body in the State of Colorado that ignores requests for information and refuses to participate with the State regulations. FACTs is still awaiting a response to written requests for information for other properties including:

1. 2927 Main Street, Colorado Springs, CO (requested September 15, 2009)
2. 1314 W Kiowa Street, Colorado Springs, CO (requested April 22, 2010)
3. 1314 W Kiowa Street, Colorado Springs, CO (requested April 26, 2010)
4. 8350 Razorback Road, Room 202, Colorado Springs, CO (requested July 21, 2010)
5. 2350 Orchard Valley Road, Colorado Springs, CO (requested August 19, 2010)
6. 5106 Stone Fence Drive, Colorado Springs, CO (requested June 23, 2011)

Therefore, given the track record of this jurisdiction, no effort was made to contact the law enforcement office with jurisdiction.

¹² Preliminary Assessment of an Identified Illegal Drug Laboratory at 2927 Main Street Colorado Springs, CO, 80907-6013 October 13, 2009 (Public Domain Document prepared by FACTs and held at Colorado Springs Police Department)

¹³ July 21, 2010 request for public records on 8350 Razorback Drive, Colorado Springs, CO 80920



GOVERNING BODY

Based on the best information available, the Colorado Springs Police Department, Vice and Narcotics Division is the “Governing Body” as defined in CRS §25-18.5-101. A copy of this report must be filed with that office at:

Sgt. Harrell
Vice and Narcotics
Colorado Springs Police Department
705 S Nevada Avenue
Colorado Springs, CO 80903

Although a detective with CSPD recently was quoted in the Colorado Springs Independent Newspaper stating that the CSPD merely discards the reports upon receipt, pursuant to . 6 CCR 1014-3 (§8.26)., FACTs will nevertheless provide a copy of this report to the Governing Body on behalf of the Registered Property Owner.

VISUAL INSPECTION OF THE PROPERTY

As a mandatory element of the Preliminary Assessment, on May 9, 2012, personnel from FACTs performed a visual inspection of the subject property.

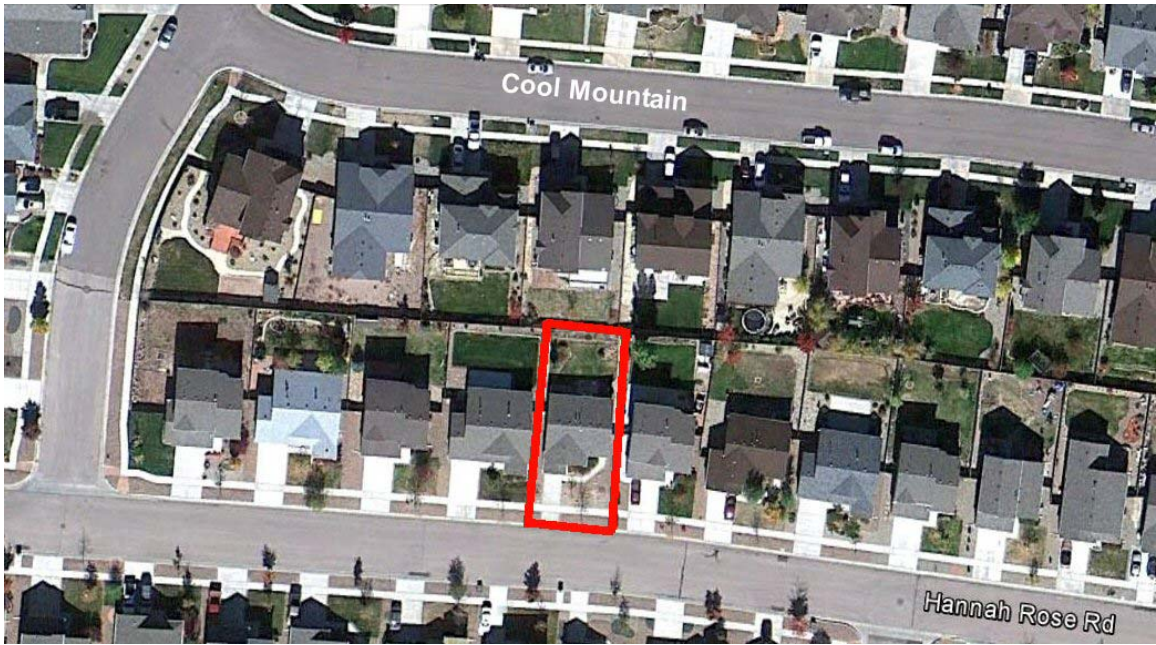
General Building Overview

The subject property is a single family, stand alone residence built *circa* 2002. The construction is a poured foundation wall resulting in a minimal crawlspace, and drywall interior with timber framing. The El Paso County Assessor’s Office lists the property as 960 square feet of occupiable floor space. Based on our observations, and for regulatory purposes, FACTs has used 960 square feet of floor space for regulatory sampling purposes.

Upon our May 8, 2012 arrival, personnel from FACTs found the property secured, unoccupied and essentially emptied of all chattels and furniture.

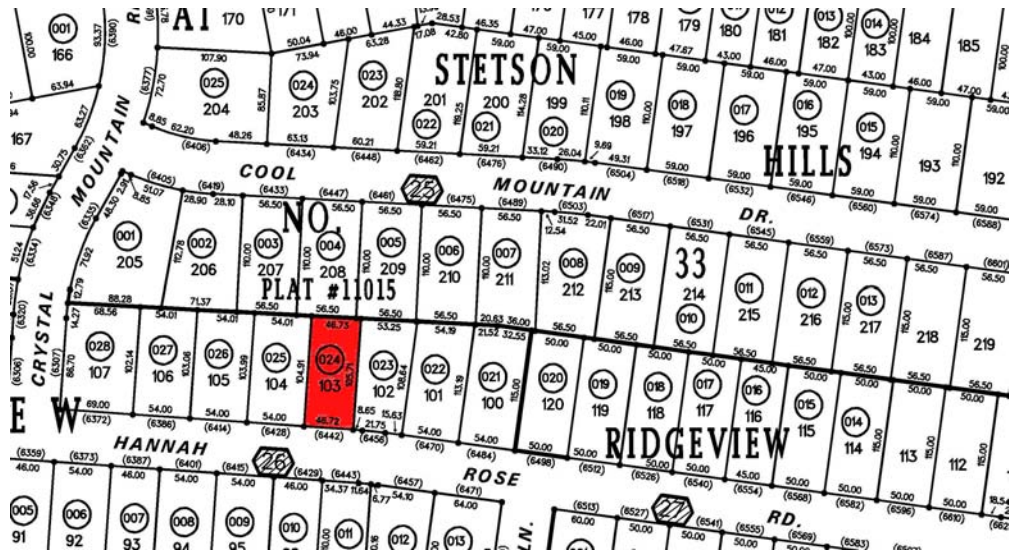
In the photograph below, we have presented the general layout of the structure and surrounding features. The subject property is roughly outlined in red.





**Photograph 1
General Building Layout**

The figure below represents the partial plat of the structure (in red).



**Figure 1
Partial Plat**

Functional Space Summary

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



During a Preliminary Assessment, the Industrial Hygienist is required to divide the study area into “functional spaces” and evaluate the potential for contamination in each area. The idea is to segment a property into specific spaces 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 differ, kitchens and living rooms may be different, etc., and a building is divided into such areas based solely on professional judgment. A drawing depicting the Functional Spaces for this property is included in the body of this assessment and the spaces have been summarized in the table below:

Space	Functional space
1	Kitchen, Living Room, Dining Room, Bedroom Hallway, Back Hallway, Laundry, and Hall Closets
2	South Bedroom and closet
3	Bathroom
4	Master Bedroom and closet
5	Master Bathroom
6	Attic
7	Crawlspace
8	Garage
9	Furnace Interior

**Table 2
Functional Space Summary**

Functional Space 1: Kitchen Complex

This functional space is the open plan area that comprises the eastern half of the residence. This area was included in the cursory sample (HM041912-01A) that indicated a methamphetamine concentration of 3 µg/100cm². When specifically challenged with a verification sample (HM050912-03), the laboratory reported finding only 0.14 µg of methamphetamine resulting in a concentration that was below the regulatory threshold.

This functional space contained a non-conclusive visible indicator (yellow staining).

Functional Space 2: Ground Floor Bathroom

The south bedroom occupied the southern portion of the structure.

This area was included in the cursory sample (HM041912-01D) that indicated a methamphetamine concentration of 3 µg/100cm². When specifically challenged with a verification sample (HM050912-09), the laboratory reported a recovery of below the reportable limit (0.03 µg) methamphetamine resulting in a concentration that was below the regulatory threshold.

There were no visible indicators in this functional space.

Functional Space 3: Common Bathroom

There were no visible indicators in this functional space. The space was represented in the cursory sampling by Sample, HM041912-01D and was specifically challenged with



verification sample (HM050912-10). The laboratory reported a recovery below the reportable limit (0.03 µg) for methamphetamine resulting in a concentration that was below the regulatory threshold.

Functional Space 4: Master Bedroom and Closet

This is the larger of the two bedrooms and occupies the northwest quadrant of the structure. There were no visual indicators in this functional space. The space was challenged with Sample HM050912-11 which indicated compliance.

Functional Space 5: Master Bathroom

There were no visible indicators in this functional space. The space was specifically challenged with verification sample HM050912-12 which indicated compliance.

Functional Space 6: Attic

Used here at the term is commonly understood, the space was challenged with verification sample HM050912-01 which indicated compliance. There were no indicators in this functional space.

Functional Space 7: Crawlspace

Used here at the term is commonly understood, the space was challenged with verification sample HM050912-08 which indicated compliance. There were no indicators in this functional space.

Functional Space 8: Garage

Used here at the term is commonly understood, the garage was included in the cursory evaluation and was represented by sample HM041912-01E indicating a concentration of 3 µ/100cm². The garage was subsequently challenged with regulatory sample HM050912-13 which indicated compliance. There were no visual indicators in this space.

Functional Space 9: Furnace Interior

The furnace system is located in the attic. Although arguable not a functional space *per se*, State regulation specifically require verification if the furnace is to be excluded from remediation. The furnace interior was cleared with sample HM050912-07 indicating compliance.

Exterior Grounds

Although not truly a functional space *per se*, the exterior grounds were assessed independently. We did not observe any stressed vegetation consistent with illegal dumping of waste materials.

SEWERAGE 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). Based on the best information, this property is on city sewer.

Internal plumbing was visually assessed and the internal drains were also monitored for the presence of acid gases and total residual hydrocarbon vapors.

FACTs concludes that there is a low probability that corrosive waste materials were discarded into the sewer system.

SAMPLE COLLECTION

Wipe Samples

The samples collected throughout the subject property comprised of “discrete” samples and “composite” samples.

Discrete samples were collected during the Preliminary Assessment (PA) and are a single wipe, collected from a single area, and submitted for analysis as a unique location.

Composite samples were collected during the cursory evaluation and are single wipes, which are included with other single wipes placed together and analyzed as a single sample.

Consistent with State regulations, each sample location was identified by the Industrial Hygienist based on judgmental authoritative bias sampling theory. In this theory, as mandated by State regulation, samples are purposely collected from those areas which have the highest probability of containing the highest concentrations of methamphetamine.

Methamphetamine

Wipe samples were collected in a manner consistent with State regulations. The wipe sample medium was individually wrapped commercially available Johnson and Johnson™ brand 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 gauze material 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. Each proposed sample area was 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. The cursory wipe samples and the Preliminary Assessment/Final Verification samples were submitted for analysis to Reservoirs Environmental Laboratory in Denver, Colorado.



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 requirements, one field blank was submitted for every ten discrete wipe samples. The field blanks were randomly selected from the sampling sequence and included with the samples. To ensure the integrity of the blanks, FACTs personnel were unaware, until the actual time of sampling, which specific samples would be submitted as a blank. The sample suite for this project was part of a larger sampling suite and to reduce costs, this subset was used as the primary subset for QA/QC controls. Therefore, the laboratory report for this property has more QA/QC samples than required by regulations since it contains the bulk of the QA/QC for the entire analysis suit.

Spiked Sample

As part of our general QA/QC protocol, FACTs regularly submits surreptitious spikes to the analyzing laboratory. "Spiked" samples consist of randomly selecting sampling assemblies that are submitted to a third party, independent laboratory for the inclusion of known amounts of methamphetamine into the selected samples. The spiked samples are then submitted with the normal project samples. To ensure the integrity of the spikes, laboratory personnel are unaware of the presence or nature of the spikes. The spikes allow FACTs to determine the adequacy of the laboratory in recovering known amounts of methamphetamine from the samples. Sample results are then corrected to the spike recovery. In this case, there was a single spike submitted (HM050912-14) that contained 9 µg of *d*-methamphetamine. The laboratory reported recovering 93% of the spike amount, which is within accepted tolerance for environmental samples.

Cross Contamination

Prior to the collection of each specific sample area, the Industrial Hygienist, and his Technician, donned fresh surgical gloves, to protect against the possibility of cross contamination. The rulers used to delineate specific areas were decontaminated with disposable alcohol wipes between each sample.

Collection Rationale

Primary Objective

It is a common misconception that the Industrial Hygienist is required to collect samples during a PA. However, no such requirement exists in Colorado. Rather, regarding samples, the regulations state:

Pre-decontamination sampling

In pre-decontamination sampling, the question that is being asked is "Is there evidence of the presence of methamphetamine production in this area?" The assumption (hypothesis) is that the area is clean i.e. "compliant," and data will be collected to find support for the



hypothesis. Data (such as samples) are collected to “prove” the area is compliant. Sampling, if it is performed, is conducted in the areas potentially containing the highest possible concentrations of contaminants. Any data that disproves the hypothesis, including police records, visual clues of production, storage, or use or documentation of drug paraphernalia being present, is considered conclusive, and leads the consultant to accept the null hypothesis and declare the area non-compliant. 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 methamphetamine laboratories, to conclude the presence of methamphetamine, its precursors as related to processing, or waste products.

Similarly, there is a misconception that if samples are collected, and the laboratory results are below the value often misinterpreted as the State’s regulatory threshold value (0.5 µg/100 cm²), the samples necessarily indicate that the area is not contaminated and no action is required. However, the regulatory threshold values are exclusively to be used as *prima fascia* evidence during verification activities in the absence of all other information. Except, during a verification or a properly designed Preliminary Assessment, there is no *de minimis* concentration of methamphetamine below which a statement of compliance can be made in the absence of final verification sampling.

In this case, originally FACTs suggested that the cursory results indicated an high probability of widespread contamination and spending financial resources on additional sampling may not be prudent. Given that, FACTs originally planned on presuming wide-scale noncompliance except for challenging the attic, crawlspace, and furnace interior. On the day of the PA site visit, the Registered Owner asked FACTs to change the strategy and attempt to clear each area; a decision that proved very beneficial to the owner, and allowed the production of a Decision Statement.

Sample Results

Methamphetamine

The results of the methamphetamine samples are summarized in the table below. The shaded samples are those that were collected during the cursory evaluation.

Sample ID	Location or Purpose	Area cm ²	Result	Criteria	Status
HM041912-01A	Kitchen ceiling fan	139	2.9	0.10	FAIL
HM041912-01B	Living room return vent				
HM041912-01C	South BR top of closet jamb				
HM041912-01D	Bath ceiling fan				
HM041912-01E	Garage top of door rail				
HM050912-01	Attic top of plastic coated duct	500	0.01	0.50	PASS
HM050912-02	Field Blank	NA	<0.03	0.03	PASS
HM050912-03	Kitchen ceiling fan	500	0.03	0.50	PASS

Area is expressed in square centimeters

Result and Criteria are expressed as µg/100cm² (Field blanks and Spike are reported as absolute mass)

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

Table 3
Results of Methamphetamine Wipe Samples



Sample ID	Location or Purpose	Area cm ²	Result	Criteria	Status
HM050912-04	Field Blank	NA	<0.03	0.03	PASS
HM050912-05	Living room top of divider	500	<0.01	0.50	PASS
HM050912-06	Field Blank	NA	<0.03	0.03	PASS
HM050912-07	Furnace interior return side	500	<0.01	0.50	PASS
HM050912-08	Crawlspace top of PVC pipe	501	<0.01	0.50	PASS
HM050912-09	South Bedroom top of floor mop board	500	<0.01	0.50	PASS
HM050912-10	Common bath top of light fixture	500	<0.01	0.50	PASS
HM050912-11	Master bedroom, top of closet cover	500	<0.01	0.50	PASS
HM050912-12	Master bathroom, top of light fixture and medicine chest	500	<0.01	0.50	PASS
HM050912-13	Garage top of west door rail	500	0.02	0.50	PASS
HM050912-14	9 µg Spike	NA	8.4	9.0	PASS

Area is expressed in square centimeters

Result and Criteria are expressed as µg/100cm² (Field blanks and Spike are reported as absolute mass)

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

**Table 3 (continued)
Results of Methamphetamine Wipe Samples**

Wipe Sample Results

The samples confirm that traces of methamphetamine notwithstanding, the property is compliant.

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.

Data Set HM050912-01 through HM050912-04

MDL was not given; LOQ was reported as 0.05 µg/100cm², FACTs recognizes that this information cannot be correct as the LOQ cannot be expressed as µg/100cm² – this is a non fatal typographical error of the analyzing laboratory; MBX <MDL, FACTs recognizes that this information also cannot be correct as the MBX cannot be expressed as µg/100cm² – this is a non fatal error associated with the reporting style of the analyzing laboratory; LCS mass was not given, however, the laboratory reported 108% recovery, RPD was not given. Matrix spike mass was not given, however the recovery was given as 103% (RPD was not given); Matrix spike Dup mass was not given, and the recovery was not given, however the RPD was reported to have been <1%. Surrogate spike recoveries are not given by the laboratory and are unknown. FACTs reagents: MeOH lot # A12Ø1 <MDL for n=4; Gauze lot # G1ØØ6 <MDL for n=47.

There is nothing in the QA/QC that would indicate the data did not meet the data quality objectives; there is sufficient information included in the laboratory report to state that the data exhibits positive bias.



Data Set HM050912-05 through HM050912-14

MDL was not given; LOQ was reported as 0.05 µg/100cm², FACTs recognizes that this information cannot be correct as the LOQ cannot be expressed as µg/100cm² – this is a non fatal typographical error of the analyzing laboratory; MBX <MDL, FACTs recognizes that this information also cannot be correct as the MBX cannot be expressed as µg/100cm² – this is a non fatal error associated with the reporting style of the analyzing laboratory; LCS mass was not given, however, the laboratory reported 106% recovery, RPD was not given. Matrix spike mass was not given, however the recovery was given as 113% (RPD was not given); Matrix spike Dup mass was not given, and the recovery was not given, however the RPD was reported to have been 3%. Surrogate spike recoveries are not given by the laboratory and are unknown. FACTs reagents: MeOH lot # A12Ø1 <MDL for n=4; Gauze lot # G1ØØ6 <MDL for n=47.

There is nothing in the QA/QC that would indicate the data did not meet the data quality objectives; there is sufficient information included in the laboratory report to state that the data exhibits positive bias.

Sample Locations

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

As such, during this project, the Industrial Hygienist 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 in an attempt to represent the highest possible concentrations of methamphetamine. Each sample area was then delineated with a measured outline.

In the figures that follow, the sample locations have been presented. The drawings are stylized and not to scale. In the diagrams, the sample locations are indicated by triangles. Where the identifier has an alpha code, the sample was collected during the cursory evaluation.



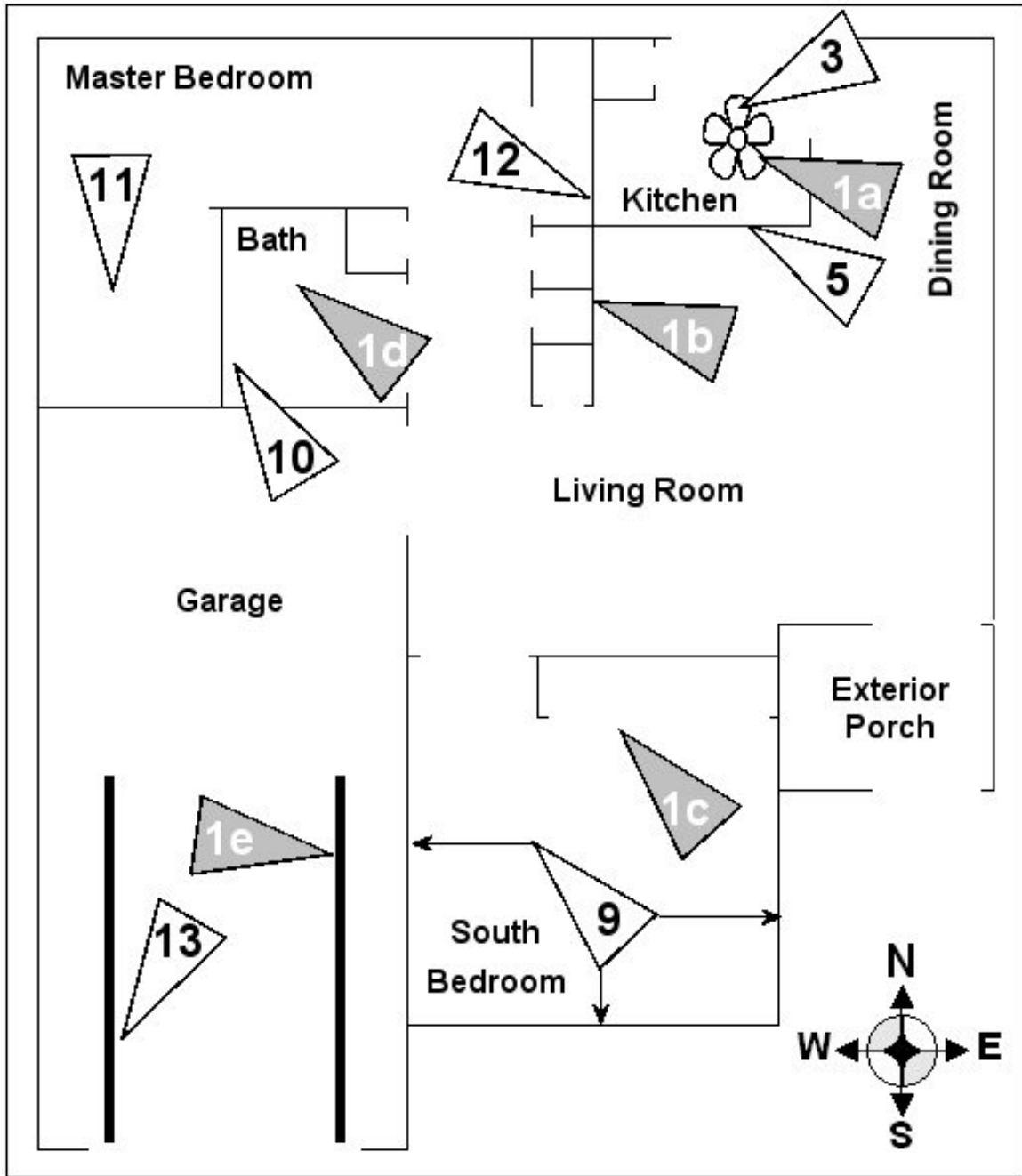
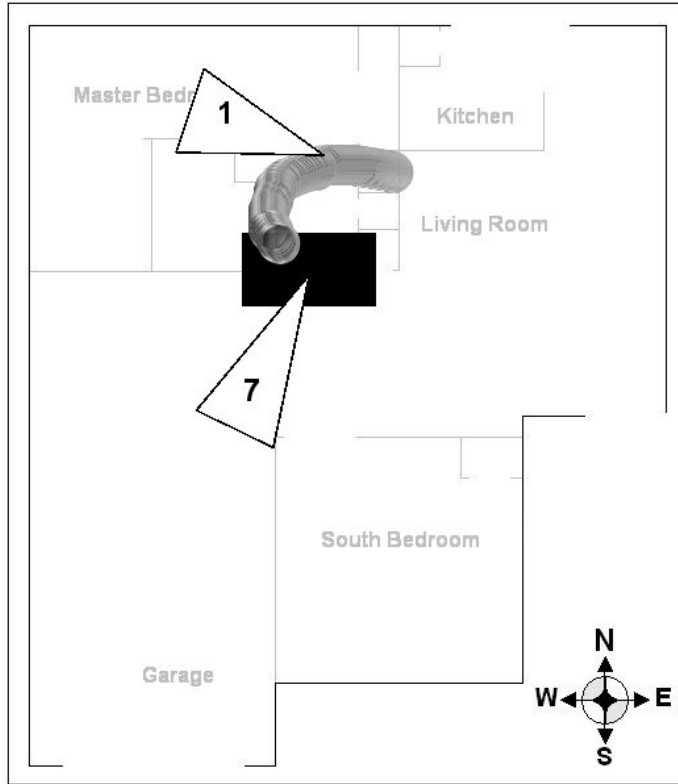
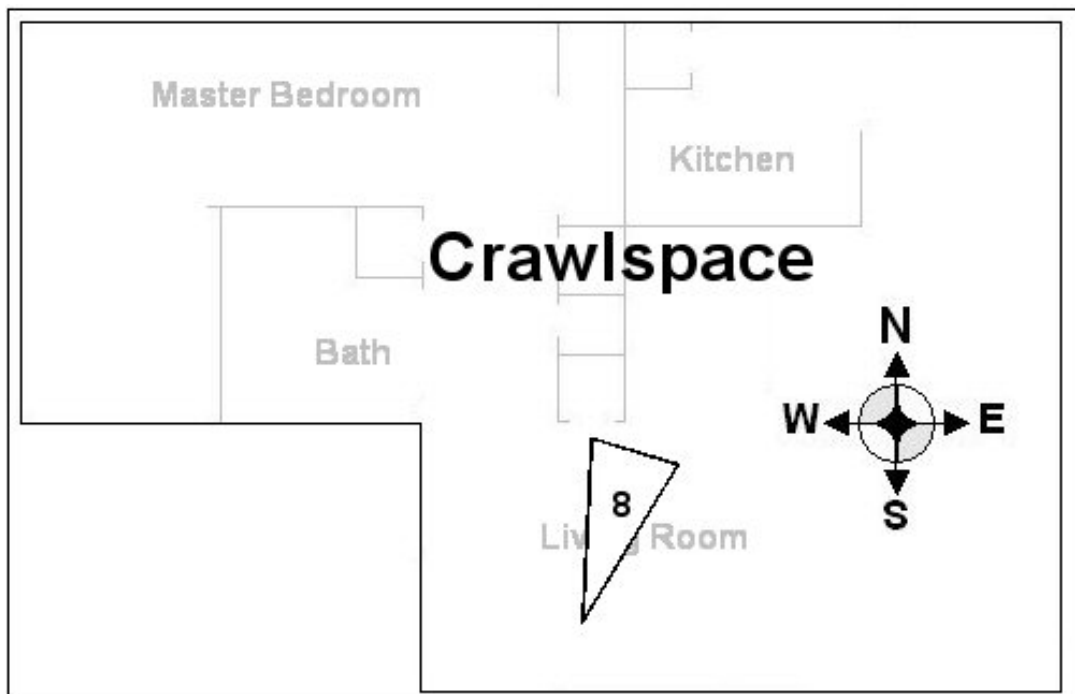


Figure 2
Main Floor Sample Locations





**Figure 3
Attic Sample Locations**



**Figure 4
Crawlspace Sample Location**



Identification of Cook/Storage Areas

Colorado Regulations 6 CCR 1014-3 (4.2) states that the Industrial Hygienist is required to perform a:

Review of available law enforcement reports that provide information regarding the manufacturing method, chemicals present, cooking areas, chemical storage areas, and observed areas of contamination or waste disposal

In this case, we were not able to confidently identify *if* manufacturing took place at all, never mind *where* it may have taken place (if at all). Our best assessment at this point is that the original contamination we observed was the result of methamphetamine being used (smoked) and stored at the property. The original cursory composite indicating higher concentration than found during the PA, is an artifact of intrinsic sampling smaller areas in order to avoid a false positive in a “no *de minimis*” decision making process.

Identification of Contamination Migration

FACTs has knowledge that methamphetamine was stored on the property. However, FACTs must rely exclusively on subjective extant observations we make on site. Based on the best information readily available, FACTs was not able to find any indicators that would suggest contamination migration occurred from the subject property.

CONCLUSIONS

Based on the totality of the circumstances, 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 subject property from April 30, 2012 until the date of this Decision Statement.
- A Class 1 Public Nuisance, as defined in CRS §16-13-303(1) existed at the subject property from April 30, 2012 until the date of this Decision Statement.
- Localized, trace concentrations of methamphetamine were confirmed to be present at the property.
- 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. FACTs will provide a copy of this report to the Governing Body on behalf of the Registered Owner pursuant to 6 CCR 1014-3 (§8.26).

Enclosures: One digital disc; Data package, and Appendices

-END-



APPENDIX A:
SUPPORTING DOCUMENTS



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

FACTs project name: Hannah	Form # ML1
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

PROPERTY DESCRIPTION:

Physical address	6442 Hannah Rose Road, Colorado Springs CO 80923-4414	
Legal description or VIN	Lot 103 of Ridgeview at Stetson Hills, Filing Number 31. Schedule number 5318425024; Plat number 11013	
Registered Property Owner(s)	Carmen D Molitor Gerald C Molitor Cameron J Wischer	
Number of structures	One	
Type of Structures	Primary Residence	960 Square feet
Adjacent and/ or surrounding properties	North: Residential structure (up-gradient) South: Street front East: Residential structure West: Residential structure	
General Property Observations	Excellent condition	
Presumed Production Method	Smoking, use, storage, possession	

PLUMBING INSPECTION AND INVENTORY

FACTs project name: Hannah	Form # ML2
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Functional Space	Room	Fixture	Indicia?	Comments
3	Bathroom # 1	Bath	NA	No comment
3	Bathroom # 1	Shower	N	No comment
3	Bathroom # 1	Sink 1	N	No comment
3	Bathroom # 1	Toilet	N	No comment
5	Bathroom # 2	Bath	N	No comment
5	Bathroom # 2	Shower	N	No comment
5	Bathroom # 2	North Sink	N	No comment
5	Bathroom # 2	South Sink	N	No comment
5	Bathroom # 2	Toilet	N	No comment
5	Bathroom # 2	Bath	N	No comment
1	Kitchen	Dishwasher	N	No comment
1	Kitchen	East Sink	N	No comment
1	Kitchen	West Sink	N	No comment
1	Laundry Room	Slop sink	N	No comment
1	Laundry Room	Washing machine	N	No comment

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VENTILATION INSPECTION AND INVENTORY

Item	Y/N	Indicia ?	Sampled ?	Comments
Isolated AHU?	Y			The ventilation system was cleared with HM050912-07
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			
Pressurized structure?	N			



FUNCTIONAL SPACE INVENTORY

FACTs project name: Hannah	Form # ML3
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Structure Number	Functional Space Number	Indicia (Y/N)	Describe the functional space (See drawings for delineating structural features)
1	1	Y	Kitchen, Living Room, Dining Room, Bedroom Hallway, Back Hallway, Laundry, and Hall Closets
1	2	N	South Bedroom
1	3	Y	Bathroom
1	4	N	Master Bedroom and closet
1	5	N	Master Bathroom
1	6	N	Attic
1	7	N	Crawlspace
1	8	Y	Garage
1	9	Y	Furnace Interior

This space is intentionally left blank



LAW ENFORCEMENT DOCUMENTATION

FACTs project name: Hannah	Form # ML4
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Inventory of Reviewed Documents	See body of report for discussion on Law Enforcement Participation
Described method(s) of production	NA
Chemicals identified by the LEA as being present	NA
Cooking areas identified	NA
Chemical storage areas identified	NA
LE Observation on areas of contamination or waste disposal	NA



FIELD OBSERVATIONS

FACTs project name: Hannah	Form # ML5
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Structure:

Indicator	Functional Space	Indicator	Functional Space
Acids	No Comment	Match components	No Comment
Aerosol cans	No Comment	Mercury	No Comment
Alcohols (MeOH, EtOH)	No Comment	Methamphetamine	1,2,3,8,9
Ammonia	No Comment	Modified coolers/containers	No Comment
Ammunition	No Comment	Modified electrical	No Comment
Artistic expressions	No Comment	Modified plumbing	No Comment
Bags of salt	No Comment	Modified structure	No Comment
Bases	No Comment	Modified ventilation	No Comment
Basters/Pipettes	No Comment	Needles/Syringes	No Comment
Batteries	No Comment	OTC Containers	No Comment
Bi-phasic wastes	No Comment	OTC drugs	No Comment
Booby traps	No Comment	pH papers/indicators	No Comment
Bullet holes	No Comment	Phenyl-2-propanone	No Comment
Burn marks	No Comment	Pornography, Sex toys	No Comment
Cat litter	No Comment	Prescription drugs	No Comment
Chemical storage	No Comment	Presence of cats	No Comment
Colored wastes	No Comment	Propane bottles	No Comment
Corrosion on surfaces	No Comment	Pseudoephedrine	No Comment
Death bag	No Comment	Red P	No Comment
Delaminating paint	No Comment	Red Staining	No Comment
Drug paraphernalia	No Comment	Reserved	NA
Empty OTC Containers	No Comment	Salters	No Comment
Ephedrine	No Comment	Security devices	No Comment
Feces	No Comment	Signs of violence	No Comment
Filters	No Comment	Smoke detectors disabled	No Comment
Forced entry marks	No Comment	Solvents - (organic)	No Comment
Funnels	No Comment	Squalor	No Comment
Gang markings	No Comment	Staining on floors	No Comment
Gas cylinders	No Comment	Staining on walls or ceiling	No Comment
Gerry cans	No Comment	Stash holes	No Comment
Glassware	No Comment	Taping on surfaces	No Comment
Graffiti	No Comment	Tubing	No Comment
Heating mantle/hot plate	No Comment	Urine containers	No Comment
Hidden items	No Comment	Wall anchors	No Comment
Hydrogen peroxide	No Comment	Wall coverings	No Comment
Iodine	No Comment	Wall damage	No Comment
Lead	No Comment	Weapons	No Comment
Lithium	No Comment	Window block material	No Comment
Marijuana	No Comment	Yellow staining	No Comment

- 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: Hannah	Form # ML7
Date: May 9, 2012	
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	
Is there evidence of wastes being disposed down internal drains		X	
Are solvent odors present from the external sewer drain stacks			X
Was the septic tank lid(s) accessible	NA		
Was the leach field line accessible			
Was the septic tank or leach field lines opened			
Are solvent odors present from the leach field lines (if "yes" see below)			
Are solvent odors present from the septic tank (if "yes" see below)			
Is "slick" present in the septic tank			
Are biphasic (aqueous-organic) layers present in the septic tank			
Was pH measured in the septic tank			
Were organic vapors measured in the septic tank (if "yes" see below)			
Is sampling of the ISDS warranted			
Were calawasi/drum thief samples collected from the septic tank			

*NC = Not checked

Qualitative Organic Vapor Monitoring

Instrument Type	Make and Model
Hydrocarbon detector	EnMet Target Series, MOS detector
pH Strips	Baker Industries

Location	MOS*	PID*	FID*
All internal sinks	<1 ppm	NA	
All surrounding soils (see body of report for explanation)			

*Units of measurement are in parts per million equivalents compared to the toluene calibration vapor. Detection limit 1 ppm

Locator Notes:

No location required for this property



PRE-REMEDATION PHOTOGRAPH LOG SHEET

FACTs project name: Hannah		Form # ML8
Date: May 9, 2012		
Reporting IH:	Caoimhin P. Connell, Forensic IH	

Name ▲	Date Picture Taken	Name ▲	Date Picture Taken
attic	4/8/2012 11:02 AM	Exterior (16)	4/8/2012 11:51 AM
attic (2)	4/8/2012 11:02 AM	Exterior (17)	4/8/2012 11:41 AM
attic (3)	4/8/2012 11:03 AM	Front hall closet	4/8/2012 11:21 AM
attic (4)	4/8/2012 11:03 AM	Front hall closet (2)	4/8/2012 11:21 AM
attic (5)	4/8/2012 11:04 AM	Front hall closet (3)	4/8/2012 11:21 AM
attic (6)	4/8/2012 11:04 AM	Garage (2)	4/8/2012 11:31 AM
attic (7)	4/8/2012 11:04 AM	Garage (3)	4/8/2012 11:31 AM
attic (8)	4/8/2012 11:04 AM	Garage (4)	4/8/2012 11:31 AM
Attic entrance	4/8/2012 11:21 AM	Garage (5)	4/8/2012 11:31 AM
Crawlspace	4/8/2012 11:25 AM	Garage (6)	4/8/2012 11:32 AM
Crawlspace (2)	4/8/2012 11:26 AM	Garage (7)	4/8/2012 11:32 AM
Crawlspace (3)	4/8/2012 11:26 AM	GARage (8)	4/8/2012 11:32 AM
Crawlspace (4)	4/8/2012 11:26 AM	Garage (9)	4/8/2012 11:32 AM
Crawlspace (5)	4/8/2012 11:26 AM	Garage (10)	4/8/2012 11:32 AM
Crawlspace (6)	4/8/2012 11:26 AM	Garage (11)	4/8/2012 11:32 AM
Crawlspace (7)	4/8/2012 11:26 AM	Garage (12)	4/8/2012 11:32 AM
Crawlspace (8)	4/8/2012 11:26 AM	Garage (13)	4/8/2012 11:32 AM
Crawlspace (9)	4/8/2012 11:26 AM	Garage (14)	4/8/2012 11:32 AM
Crawlspace (10)	4/8/2012 11:26 AM	Garage (15)	4/8/2012 11:32 AM
Crawlspace (11)	4/8/2012 11:27 AM	Garage (16)	4/8/2012 11:33 AM
Exterior	4/8/2012 10:56 AM	Garage (17)	4/8/2012 11:33 AM
Exterior (2)	4/8/2012 10:57 AM	gloves	4/8/2012 12:32 PM
Exterior (3)	4/8/2012 10:57 AM	gloves (2)	4/8/2012 12:32 PM
Exterior (4)	4/8/2012 10:57 AM	Hall bath	4/8/2012 11:23 AM
Exterior (5)	4/8/2012 10:58 AM	Hall bath (2)	4/8/2012 11:23 AM
Exterior (6)	4/8/2012 10:58 AM	Hall bath (3)	4/8/2012 11:23 AM
Exterior (7)	4/8/2012 10:58 AM	Hall bath (4)	4/8/2012 11:23 AM
Exterior (8)	4/8/2012 11:00 AM	Hall bath (5)	4/8/2012 11:23 AM
Exterior (9)	4/8/2012 11:01 AM	Hall bath (6)	4/8/2012 11:23 AM
Exterior (10)	4/8/2012 11:01 AM	Hall bath (7)	4/8/2012 11:23 AM
Exterior (11)	4/8/2012 11:01 AM	Hall Bath (8)	4/8/2012 12:15 PM
Exterior (12)	4/8/2012 11:01 AM	Hall Bath (9)	4/8/2012 12:15 PM
Exterior (13)	4/8/2012 11:01 AM	Hall Bath Plumbing	4/8/2012 11:35 AM
Exterior (14)	4/8/2012 11:01 AM	Hall Bath Plumbing (2)	4/8/2012 11:35 AM
Exterior (15)	4/8/2012 11:51 AM	Hall Bath Plumbing (3)	4/8/2012 11:36 AM



PRE-REMEDATION PHOTOGRAPH LOG SHEET

FACTs project name: Hannah	Form # ML8
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Name ▲	Date Picture Taken	Name ▲	Date Picture Taken
Hall Bath Plumbing (4)	4/8/2012 11:36 AM	Laundry (3)	4/8/2012 11:23 AM
Hall Bath Plumbing (5)	4/8/2012 11:36 AM	Laundry (4)	4/8/2012 11:24 AM
Hall Bath Plumbing (6)	4/8/2012 11:36 AM	Laundry (5)	4/8/2012 11:24 AM
Hall Bath Plumbing (7)	4/8/2012 11:36 AM	Laundry (6)	4/8/2012 11:24 AM
Hall Bath Plumbing (8)	4/8/2012 11:36 AM	Laundry (7)	4/8/2012 11:24 AM
Hall Bath Plumbing (9)	4/8/2012 11:36 AM	Laundry (8)	4/8/2012 11:23 AM
Hallway	4/8/2012 11:21 AM	Laundry Plumbing	4/8/2012 11:37 AM
Hallway (2)	4/8/2012 11:22 AM	Laundry Plumbing (2)	4/8/2012 11:37 AM
Hallway (3)	4/8/2012 11:22 AM	Laundry Plumbing (3)	4/8/2012 11:37 AM
Hallway (4)	4/8/2012 11:50 AM	Laundry Plumbing (4)	4/8/2012 11:37 AM
Hot water heater closet	4/8/2012 11:39 AM	Linen closet	4/8/2012 11:25 AM
Hot water heater closet (2)	4/8/2012 11:40 AM	Linen closet (2)	4/8/2012 11:25 AM
Hot water heater closet (3)	4/8/2012 11:25 AM	Linen closet (3)	4/8/2012 11:25 AM
Hot water heater closet (4)	4/8/2012 11:25 AM	Living Rm (11)	4/8/2012 11:40 AM
Hotwater Heater	4/8/2012 11:28 AM	Living Rm (13)	4/8/2012 11:42 AM
Hotwater heater (2)	4/8/2012 11:28 AM	LivingRm	4/8/2012 10:59 AM
Hotwater heater (3)	4/8/2012 11:28 AM	LivingRm (2)	4/8/2012 10:59 AM
Kitchen	4/8/2012 11:00 AM	LivingRm (3)	4/8/2012 10:59 AM
Kitchen (2)	4/8/2012 11:00 AM	LivingRm (4)	4/8/2012 10:59 AM
Kitchen (3)	4/8/2012 11:00 AM	LivingRm (5)	4/8/2012 10:59 AM
kitchen (4)	4/8/2012 11:00 AM	LivingRm (6)	4/8/2012 11:00 AM
kitchen (5)	4/8/2012 11:02 AM	LivingRm (7)	4/8/2012 11:00 AM
kitchen (6)	4/8/2012 11:02 AM	LivingRm (8)	4/8/2012 11:21 AM
Kitchen (7)	4/8/2012 11:34 AM	LivingRm (9)	4/8/2012 11:21 AM
Kitchen (8)	4/8/2012 11:46 AM	LivingRm (10)	4/8/2012 11:21 AM
Kitchen (9)	4/8/2012 10:59 AM	Master Bath	4/8/2012 11:30 AM
Kitchen Plumbing	4/8/2012 11:34 AM	Master Bath (2)	4/8/2012 11:30 AM
Kitchen Plumbing (2)	4/8/2012 11:34 AM	Master Bath (3)	4/8/2012 11:30 AM
Kitchen Plumbing (3)	4/8/2012 11:34 AM	Master Bath (4)	4/8/2012 11:30 AM
Kitchen Plumbing (4)	4/8/2012 11:34 AM	Master Bath (5)	4/8/2012 11:30 AM
Kitchen Plumbing (5)	4/8/2012 11:35 AM	Master Bath (6)	4/8/2012 11:30 AM
Kitchen Plumbing (6)	4/8/2012 11:35 AM	Master Bath (7)	4/8/2012 11:30 AM
Kitchen Plumbing (7)	4/8/2012 11:35 AM	Master Bath (8)	4/8/2012 11:31 AM
Laundry	4/8/2012 11:23 AM	Master Bath (9)	4/8/2012 11:31 AM
Laundry (2)	4/8/2012 11:23 AM	Master Bath Plumbing	4/8/2012 11:37 AM



PRE-REMEDATION PHOTOGRAPH LOG SHEET












FACTs project name: Hannah	Form # ML8
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Name ▲	Date Picture Taken	Name ▲	Date Picture Taken
Master Bath Plumbing (2)	4/8/2012 11:37 AM	Master Bdrm (22)	4/8/2012 11:24 AM
Master Bath Plumbing (3)	4/8/2012 11:37 AM	Sample10	4/8/2012 12:12 PM
Master Bath Plumbing (4)	4/8/2012 11:37 AM	sample 1	4/8/2012 11:19 AM
Master Bath Plumbing (5)	4/8/2012 11:37 AM	Sample 3	4/8/2012 11:42 AM
Master Bath Plumbing (6)	4/8/2012 11:38 AM	Sample 3 (2)	4/8/2012 11:43 AM
Master Bath Plumbing (7)	4/8/2012 11:38 AM	Sample 3 (3)	4/8/2012 11:47 AM
Master Bath Plumbing (8)	4/8/2012 11:38 AM	Sample 3 (4)	4/8/2012 11:47 AM
Master Bath Plumbing (9)	4/8/2012 11:38 AM	Sample 3 (5)	4/8/2012 11:49 AM
Master Bath Plumbing (10)	4/8/2012 11:38 AM	Sample 3 (6)	4/8/2012 11:49 AM
Master Bath Plumbing (11)	4/8/2012 11:38 AM	Sample 5	4/8/2012 11:58 AM
Master Bath Plumbing (12)	4/8/2012 11:38 AM	Sample 5 (2)	4/8/2012 11:59 AM
Master Bath Plumbing (14)	4/8/2012 11:54 AM	sample 7	4/8/2012 11:13 AM
Master Bath Plumbing (15)	4/8/2012 11:54 AM	sample 7 (2)	4/8/2012 11:15 AM
Master Bath Plumbing (16)	4/8/2012 11:54 AM	sample 7 (3)	4/8/2012 11:15 AM
Master Bdrm	4/8/2012 11:28 AM	Sample 8	4/8/2012 11:27 AM
Master Bdrm (2)	4/8/2012 11:28 AM	Sample 9	4/8/2012 12:05 PM
Master Bdrm (3)	4/8/2012 11:28 AM	Sample 9 (2)	4/8/2012 12:07 PM
Master Bdrm (4)	4/8/2012 11:28 AM	Sample 9 (3)	4/8/2012 12:08 PM
Master Bdrm (5)	4/8/2012 11:28 AM	Sample 9 (4)	4/8/2012 12:09 PM
Master Bdrm (6)	4/8/2012 11:28 AM	Sample 10 (2)	4/8/2012 12:13 PM
Master Bdrm (7)	4/8/2012 11:28 AM	Sample 10 (3)	4/8/2012 12:13 PM
Master Bdrm (8)	4/8/2012 11:28 AM	Sample 11	4/8/2012 12:25 PM
Master Bdrm (9)	4/8/2012 11:29 AM	Sample 11 (2)	4/8/2012 12:26 PM
Master Bdrm (10)	4/8/2012 11:29 AM	Sample 12	4/8/2012 12:16 PM
Master Bdrm (11)	4/8/2012 11:29 AM	Sample 12 (2)	4/8/2012 12:24 PM
Master Bdrm (12)	4/8/2012 11:29 AM	Sample 12 (3)	4/8/2012 12:24 PM
Master Bdrm (13)	4/8/2012 11:29 AM	Sample 12 (4)	4/8/2012 12:24 PM
Master Bdrm (14)	4/8/2012 11:29 AM	Sample 12 (5)	4/8/2012 12:24 PM
Master Bdrm (15)	4/8/2012 11:29 AM	Sample 12 (6)	4/8/2012 12:24 PM
Master Bdrm (16)	4/8/2012 11:29 AM	Sample 12 (7)	4/8/2012 12:25 PM
Master Bdrm (17)	4/8/2012 11:29 AM	So Bdrm	4/8/2012 11:22 AM
Master Bdrm (18)	4/8/2012 11:29 AM	So Bdrm (2)	4/8/2012 11:22 AM
Master Bdrm (19)	4/8/2012 11:29 AM	So Bdrm (3)	4/8/2012 11:22 AM
Master Bdrm (20)	4/8/2012 11:38 AM	So Bdrm (4)	4/8/2012 11:22 AM
Master Bdrm (21)	4/8/2012 11:39 AM	So Bdrm (5)	4/8/2012 11:22 AM



PRE-REMEDATION PHOTOGRAPH LOG SHEET

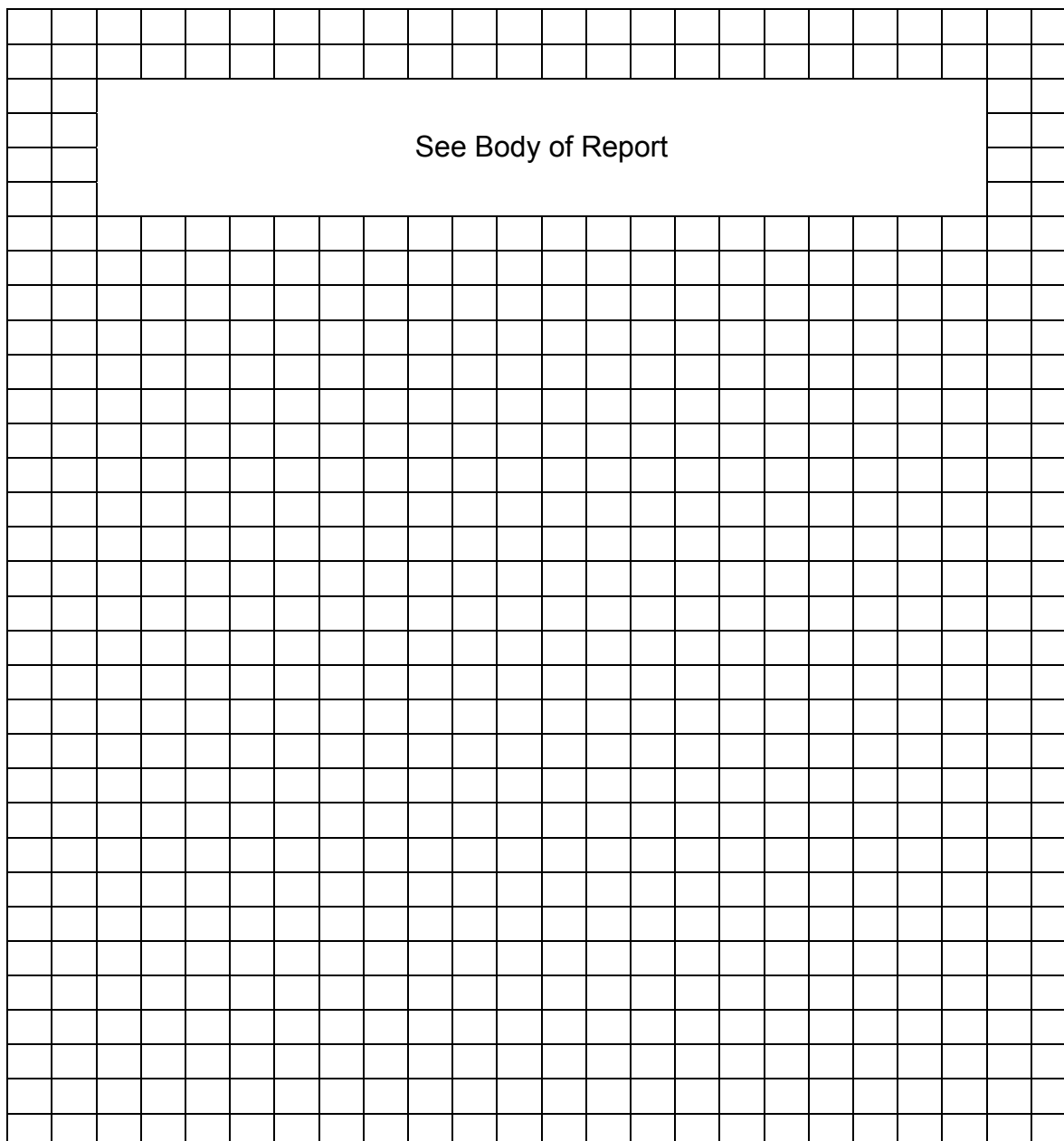
FACTs project name: Hannah	Form # ML8
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Name ▲	Date Picture Taken
 So Bdrm (6)	4/8/2012 11:22 AM
 So Bdrm (7)	4/8/2012 11:22 AM
 So Bdrm (8)	4/8/2012 11:22 AM
 So Bdrm (9)	4/8/2012 11:22 AM
 SOBdrm Closet	4/8/2012 12:08 PM
 SOBdrm Closet (2)	4/8/2012 12:08 PM
 To garage	4/8/2012 11:21 AM
 To garage (2)	4/8/2012 11:31 AM
 To garage (3)	4/8/2012 11:40 AM
 To So Bdrm	4/8/2012 11:21 AM
 To So Bdrm (2)	4/8/2012 11:22 AM



DRAWING OF COOK AREA(S)

FACTs project name: Hannah	Form # ML10
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH



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

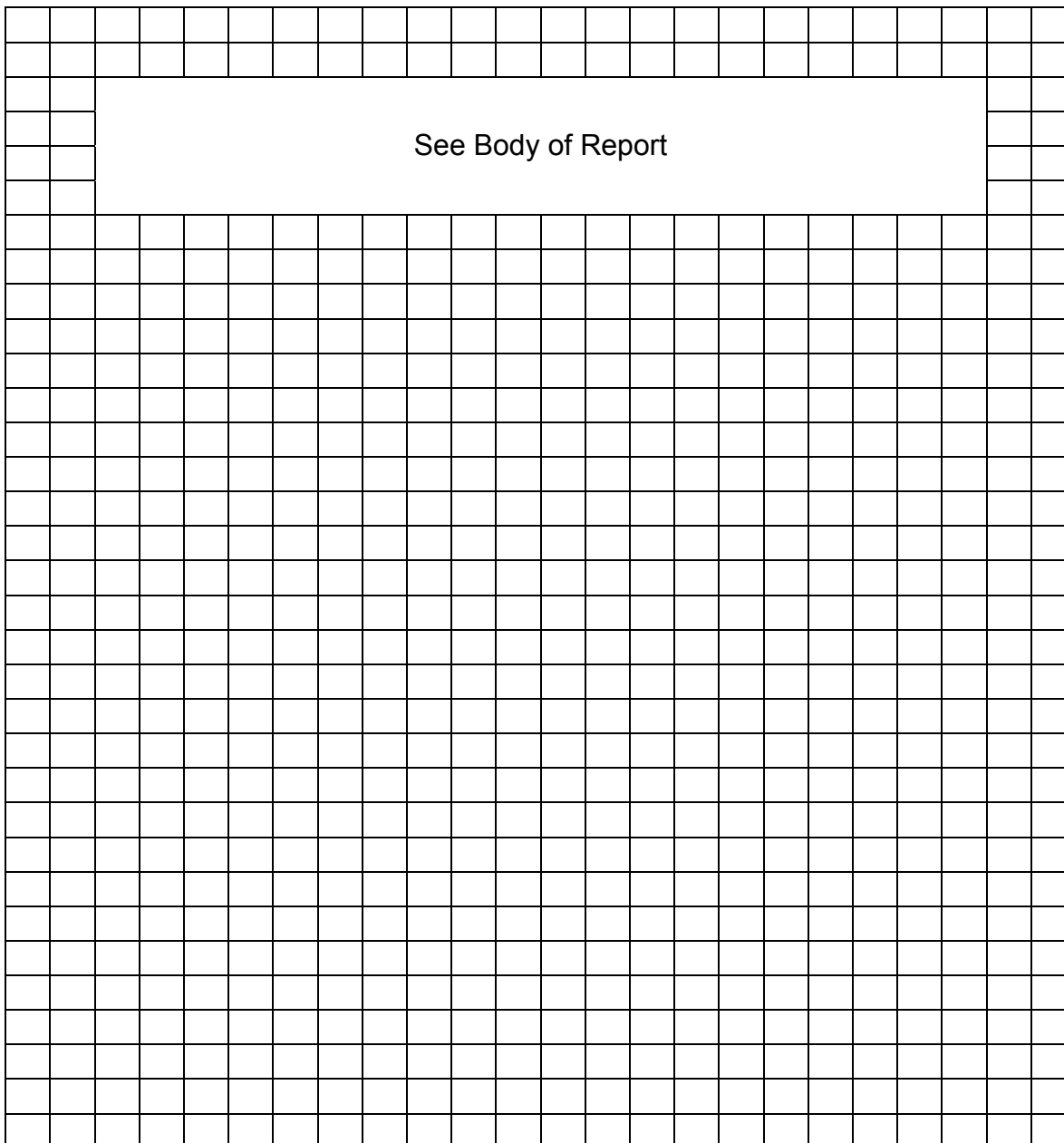
Describe the area: _____



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

DRAWING OF STORAGE/DISPOSAL AREA(S)

FACTs project name: Hannah	Form # ML11
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH



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

Describe the area: _____



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

DRAWING OF GENERAL LAB AREA

FACTs project name: Hannah	Form # ML12
Date: May 9, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

See Body of Report																			
[Empty grid area for drawing]																			

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





Describe the area: _____



CERTIFICATION, VARIATIONS AND SIGNATURE SHEET

FACTs project name: Hannah	Form # ML14
Date: May 9, 2012	
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.	XXXXXXXXXXXXXXXXXXXXXXXXXX
I do hereby certify that I conducted post-decontamination clearance sampling in accordance with 6 CCR 1014-3, §6.	
I do hereby certify that the cleanup standards established by 6 CCR 1014-3, § 7 have been met as evidenced by testing I conducted.	
I do hereby certify that the analytical results reported here are faithfully reproduced.	

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

No known deviation of standard occurred.

The dates on the individual photos on the photologs are incorrect.

MANDATORY LANGUAGE PURSUANT TO 6 CCR 1014-3 (§8.23 AND §8.24)

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

Signature 

Date: May 25, 2012





**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:	Hannah	Form # ML15
Date	May 25, 2012	
Reporting IH:	Caoimhín P. Connell, Forensic IH	

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

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

Mr. Connell is Colorado's only private consulting Industrial Hygienist certified by the Office of National Drug Control Policy High Intensity Drug Trafficking Area Clandestine Drug Lab Safety Program, and P.O.S.T. certified by the Colorado Department of Law; he is a member of the Colorado Drug Investigators Association, the American Industrial Hygiene Association (where he serves on the Clandestine Drug Lab Work Group), the American Conference of Governmental Industrial Hygienists and the Occupational Hygiene Society of Ireland. From 2009, as a law enforcement officer representing his agency, Mr. Connell served as the Industrial Hygiene Subject Matter Expert on the Federally funded Interagency Board (www.IAB.gov) Health, Medical, and Responder Safety SubGroup, and was elected full member of the IAB-HMRS in 2011, and he conducted the May, 2010, AIHA Clandestine Drug Lab Course.

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

Mr. Connell is a current law enforcement officer in the State of Colorado, who has conducted clandestine laboratory investigations and performed risk, contamination, hazard and exposure assessments from both the law enforcement (criminal) perspective, and from the civil perspective in residences, apartments, motor vehicles, and condominiums. Mr. Connell has conducted over 275 assessments in illegal drug labs in Colorado, Nebraska and Oklahoma, and collected over 2,710 samples during assessments (a detailed list of drug lab experience is available on the web at):

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

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

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

185 BOUNTY HUNTER'S LANE, BAILEY, COLORADO 80421
PHONE: 303-903-7494 www.forensic-applications.com

FINAL SAMPLING CHECKLIST

FACTs project name:	Hanna	Form # ML18
Date:	May 25, 2012	
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Space #	Cleared with	General Sampling Considerations	
1	HM050912-03, HM050912-05	Floor Space Area of Lab (ft ²)	960
2	HM050912-09	One extra sample is required for every 500 ft ² of floor space >1,500ft ² . Enter number of <u>extra</u> samples required:	0
3	HM050912-10	Enter minimum number of final samples required based on floor space.	5
4	HM050912-11	Enter Number of Functional Spaces to be included	9
5	HM050912-12	Enter the minimum number of samples required based on the number of functional spaces	9
6	HM050912-01	Is the lab a motor vehicle?	No
7	HM050912-08	Does the lab contain motor vehicles?	No
8	HM050912-13	Enter number of motor vehicles associated with the lab:	0
9	HM050912-07	Are the vehicles considered functional spaces of the lab?	No
		For vehicles that are merely functional spaces a 500 cm ² sample is required for each vehicle. Enter the number of extra samples for functional space vehicles:	0
		Enter number of large vehicles (campers, trailers, etc)	0
		One extra sample is required for every 50 ft ² of floor space of large vehicles. Enter number of extra samples required:	0
		Enter total number of samples to be collected.	9
		One BX must be included for every 10 samples. Enter the number of BX required.	1
		Enter total number of samples/BXs required	10
		Enter total number of samples/BXs actually collected for clearance	13
		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

ANALYTICAL REPORTS FOR FACTS SAMPLES

SAMPLING FIELD FORM

FACTs project name: Hannah	Form # ML17
Date: May 9, 2012	Alcohol Lot#: A12Ø1 Gauze Lot#: G1ØØ6
Reporting IH: Caoimhín P. Connell, Forensic IH	Preliminary X Intermediate ____ Final ____

Sample ID HMØ5Ø912-	Type	Location	Funct. Space	Dimensions cm	Substrate
-Ø1	W	Attic, top of plastic covered ducting tube		20 X 25	PI
-Ø2	W	BX		NA	NA
-Ø3	W	Kitchen ceiling fan		Note 1	LW
-Ø4	W	BX		NA	NA
-Ø5	W	Living room, top of divider		11.5 X 43.5	PDW
-Ø6	W	BX		NA	NA
-Ø7	W	Furnace interior, return side		20 X 25	M
-Ø8	W	Crawlspace, top of PVC pipe		13 X 38.5	PI
-Ø9	W	South bedroom, mopboard		2 X 250	PW
-1Ø	W	Common bath, top of light fixture		Note 1	M
-11	W	Master bedroom, top of closet		20 X 25	PDW
-12	W	Master bathroom, top of light fixture		Note 1	M
-13	W	Garage top of door rail		2 X 250	M
-14	W	9 µg spike		NA	NA

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

Note 1: Convoluted topography – total summed area is 500 cm²
 Sample 7 - 20% undersampled
 Sample 11 - 30% undersampled



Forensic Applications

Final Report

RES 234218-1

April 27, 2012

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April 27, 2012

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 234218-1
Project # / P.O. #: Hanna
Project Description: None Given

Caoimhin Connell
Forensic Applications
185 Bounty Hunter Ln.
Bailey CO 80421

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Environmental matrices by the National Environmental Laboratory Accreditation Program, Lab Certification #E871030. The laboratory is currently proficient in the ERA PAT Program.

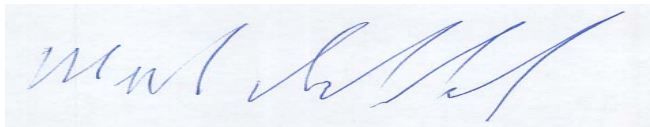
Reservoirs has analyzed the following sample(s) using Gas Chromatography Mass Spectrometry (GC/MS) / Gas Chromatography Flame Ionization Detector (GC/FID) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 234218-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,



Jeanne Spencer Orr
President



Analyst(s): _____
Mike Schaumloeffel

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896
AIHA Certificate of Accreditation #480 LAB ID 101533

TABLE I. ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 234218-1**
Client: **Forensic Applications**
Client Project Number / P.O.: **Hanna**
Client Project Description: **None Given**
Date Samples Received: **April 20, 2012**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **5 Day**
Date Samples Analyzed: **April 28, 2012**

Client ID Number	Lab ID Number	Reporting Limit** (µg)	METHAMPHETAMINE CONCENTRATION (µg)
HM041912-01	EM 878046	0.65	3.49

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.

**Client specified reporting limit.

Data QA _____

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896
AIHA Certificate of Accreditation #480 LAB ID 101533

QUALITY CONTROL: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 234218-1**
Client: **Forensic Applications**
Client Project Number / P.O.: **Hanna**
Client Project Description: **None Given**
Date Samples Received: **April 20, 2012**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **5 Day**
Date Samples Analyzed: **April 28, 2012**

Quality Control Batch	Reporting Limit ($\mu\text{g}/100\text{cm}^2$)	Matrix Blank ($\mu\text{g}/100\text{cm}^2$)	Matrix Duplicate (% RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
1	0.05	BRL	4	110	116

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.
** These analytical results meet NELAC requirements.

Data QA _____

BEILAE RESERVOIRS Environmental, Inc.

Due Date: 4-27
Due Time: 3:15

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: Forensic Applications, Inc	Contact: Caomhin P. Connell
Address: 185 Bounty Hunters Lane Bailey, CO 80421	Phone: 303-903-7494
	Fax:
	Cellpager:
Project Number and/or P.O. #: Hanna	Final Data Deliverable Email Address: admin@forensic-applications.com
Project Description/Location:	

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:											
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCB - 7400A, 7400B, OSHA	DUST - Total, Respirable		METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY		REPORTING LIMIT	SAMPLES INITIALS OR OTHER NOTES: SPECIAL	Sample Volume (L) / Area	Matrix Code	Date Collected mm/dd/yy	Time Collected hh/mm:ap
1 HM041912-01																878046
2																
3																
4 This sample is a nonregulatory academic sample.																
5 Please note the very unusual reporting limit for this sample. The reporting limit is																
6 0.65 µg. If the sample contains less than 0.65µg, please report as BRL.																
7																
8																
9																
10																

Number of samples received: 10 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Caomhin P. Connell Date/Time: 4/20/12 3:15

Laboratory Use Only Received By: Hanna Date/Time: 4-20-12 3:15 Carrier: Hand

Results:	Contact	Phone Email Fax	Date	Time	Initials	Contact	Phone Email Fax	Date	Time	Initials
	Contact	Phone Email Fax	Date	Time	Initials	Contact	Phone Email Fax	Date	Time	Initials

Sample Condition: On Ice Yes/No Yes Sealed Yes/No Yes Intact Yes/No Yes

Temp (F) 42.7 Time 12:50



Forensic Applications

Final Report

RES 235549-1

May 18, 2012

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May 18, 2012

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 235549-1
Project # / P.O. #: Hannah Blank
Project Description: None Given

Forensic Applications
185 Bounty Hunter Ln.
Bailey CO 80421

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Environmental matrices by the National Environmental Laboratory Accreditation Program, Lab Certification #E871030. The laboratory is currently proficient in the ERA PAT Program.

Reservoirs has analyzed the following sample(s) using Gas Chromatography Mass Spectrometry (GC/MS) / Gas Chromatography Flame Ionization Detector (GC/FID) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 235549-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeanne Orr", is written over a light blue background.

Jeanne Spencer Orr
President

A handwritten signature in blue ink, appearing to read "Mike Schaumloeffel", is written over a light blue background.

Analyst(s): _____
Mike Schaumloeffel

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896
AIHA Certificate of Accreditation #480 LAB ID 101533

TABLE I. ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 235549-1**
 Client: **Forensic Applications**
 Client Project Number / P.O.: **Hannah Blank**
 Client Project Description: **None Given**
 Date Samples Received: **May 10, 2012**
 Analysis Type: **Methamphetamine by GCMS**
 Turnaround: **5 Day**
 Date Samples Analyzed: **May 17, 2012**

Client ID Number	Lab ID Number	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)
HM050912-01	EM 880734	0.05	BRL
HM050912-02	EM 880735	0.05	BRL
HM050912-03	EM 880736	0.05	0.14
HM050912-04	EM 880737	0.05	BRL
HM050912-05	EM 880738	0.05	BRL
HM050912-06	EM 880739	0.05	BRL
HM050912-07	EM 880740	0.05	BRL
HM050912-08	EM 880741	0.05	BRL
HM050912-09	EM 880742	0.05	BRL
HM050912-10	EM 880743	0.05	BRL
HM050912-11	EM 880744	0.05	BRL
HM050912-12	EM 880745	0.05	BRL
HM050912-13	EM 880746	0.05	0.09
HM050912-14	EM 880747	0.05	8.40

*** Unless otherwise noted all quality control samples performed within specifications established by the laboratory.**

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896
AIHA Certificate of Accreditation #480 LAB ID 101533

QUALITY CONTROL: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 235549-1**
Client: **Forensic Applications**
Client Project Number / P.O.: **Hannah Blank**
Client Project Description: **None Given**
Date Samples Received: **May 10, 2012**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **5 Day**
Date Samples Analyzed: **May 17, 2012**

Quality Control Batch	Reporting Limit ($\mu\text{g}/100\text{cm}^2$)	Matrix Blank ($\mu\text{g}/100\text{cm}^2$)	Matrix Duplicate (% RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
1	0.05	BRL	0	103	108
2	0.05	BRL	3	113	106

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.

** These analytical results meet NELAC requirements.

Quality Control Batch 1 = Samples HM050912-01 thru HM050912-04 (EM 880734 thru 880737).

Quality Control Batch 2 = Samples HM050912-05 thru HM050912-14 (EM 880738 thru 880747).

BRL = Below Reporting Limit

Data QA _____

REILAB Reservoirs Environmental, Inc.

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: Forensic Applications, Inc Address: 185 Bounty Hunters Lane Bailey, CO 80421 Project Number and/or P.O. #: Hannah BLANK Project Description/Location:	Contact: Caomhin P. Connell Phone: 303-903-7494 Fax: Cell/pager: Final Data Deliverable Email Address: admin@forensic-applications.com
--	--

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm	REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES
PLM / PCM / TEM _____ RUSH (Same Day) _____ PRIORITY (Next Day) _____ STANDARD (Rush PCM = 2hr, TEM = 6hr.) CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust _____ RUSH _____ 24 hr. _____ 3-5 Day RCRA 8 / Metals & Welding _____ RUSH _____ 5 day _____ 10 day Fume Scan / TCLP _____ 24 hr. _____ 3 day _____ 5 Day Organics _____ 24 hr. _____ 3 day _____ 5 Day MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli O157:H7, Coliforms, Saureus _____ 24 hr. _____ 2 Day _____ 3-5 Day Salmonella, Listeria, E.coli, APC, Y & M _____ 48 Hr. _____ 3-5 Day Mold _____ RUSH _____ 24 Hr. _____ 48 Hr. _____ 3 Day _____ 5 Day **Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays**	PLM - Short report, Long report, Point Count TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan ORGANICS - METH Salmonella: +/- E.coli O157:H7: +/- Listeria: +/- Aerobic Plate Count: +/- or Quantification E.coli: +/- or Quantification Coliforms: +/- or Quantification Saureus: +/- or Quantification Y & M: +/- or Quantification Mold: +/-, Identification, Quantification SAMPLER'S INITIALS OR OTHER NOTES: Not submitted	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	EM Number (Laboratory Use Only) 880731 35 36 37 38 39 40 41 42 43

Client sample ID number	(Sample ID's must be unique)	Date Collected	Time Collected	Date Collected	Time Collected
1	HM050912-01	05/09/12	10:30	05/09/12	10:30
2	HM050912-02	05/09/12	10:30	05/09/12	10:30
3	HM050912-03	05/09/12	10:30	05/09/12	10:30
4	HM050912-04	05/09/12	10:30	05/09/12	10:30
5	HM050912-05	05/09/12	10:30	05/09/12	10:30
6	HM050912-06	05/09/12	10:30	05/09/12	10:30
7	HM050912-07	05/09/12	10:30	05/09/12	10:30
8	HM050912-08	05/09/12	10:30	05/09/12	10:30
9	HM050912-09	05/09/12	10:30	05/09/12	10:30
10	HM050912-10	05/09/12	10:30	05/09/12	10:30

Number of samples received: **14** (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: <i>[Signature]</i> Laboratory Use Only Received By: <i>[Signature]</i>	Date/Time: 5.10.12 10:30 Carrier: <i>[Signature]</i>	Date/Time: 5.13.12 10:30 Carrier: <i>[Signature]</i>
Results: Contact Phone Email Fax Contact Phone Email Fax	Sample Condition: On Ice Sealed Subject Temp. (F°) Yes/No Yes/No Date: 5.13.12 Time: 10:30 Initials: <i>[Signature]</i>	Date: 5.13.12 Time: 10:30 Initials: <i>[Signature]</i>

Due Date: _____
 Due Time: _____



Job # 235545
 Page 2 of 2

After Hours Cell Phone: 720-339-9228
 INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: **Forensic Applications, Inc** Contact: **Caoimhin P. Connell**
 Address: 185 Bounty Hunters Lane Phone: 303-903-7494
 Bailey, CO 80421 Fax: _____
 Project Number and/or P.O. #: **Hannah -Blanks** Final Data Deliverable Email Address: **admin@forensic-applications.com**
 Project Description/Location: _____ Cell pager: _____

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS										VALID MATRIX CODES					LAB NOTES							
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant.	Semi-quant, Micro-sec, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Salmonella: +/-	E.coli O157:H7: +/-	Listeria: +/-	Aerobic Plate Count: +/- or Quantification	Coliforms: +/- or Quantification	S aureus: +/- or Quantification	Y & M: +/- or Quantification		Mold: +/-, Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES: Not submitted	Sample Volume (l) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected h:mm alp
1 HM050912-11								X									NA	W	1	05/09/12		350344	
2 HM050912-12								X									NA	W	1	05/09/12		45	
3 HM050912-13								X									NA	W	1	05/09/12		46	
4 HM050912-14								X									NA	W	1	05/09/12		47	
5																							
6																							
7																							
8																							
9																							
10																							

Number of samples received: _____ (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: *Hannah Blanks* Date/Time: _____
 Laboratory Use Only
 Received By: _____ Date/Time: _____

Carrier: _____

Results:	Contact	Phone	Email	Fax	Date	Time	Initials	Contact	Phone	Email	Fax	Date	Time	Initials	Sealed	On Ice	Temp. (F°)	Sample Condition:	Intact
															Yes / No	Yes / No		Yes / No	Yes / No

APPENDIX C

**ANALYTICAL METHODS
(SEE ATTACHED DVD)**

APPENDIX D

**INITIAL INDUSTRIAL HYGIENE REPORT
(SEE ATTACHED DVD)**

APPENDIX E

COMPACT DIGITAL DISC (DVD) PHOTOGRAPHS AND VIDEO(S)