FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

Preliminary Assessment
and
Decision Statement
of an
Identified Illegal Drug Laboratory
at
2275 Grape Street
Denver, CO

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EXECUTIVE SUMMARY

On Wednesday, October 14, 2009, Forensic Applications Consulting Technologies, Inc. (FACTs) was contracted to perform a standard cursory evaluation for the presence of methamphetamine at 2275 Grape Street, Denver, CO (the subject property).

Pursuant to the Colorado Real Estate methamphetamine disclosure and testing statute as described by CRS §38-35.7-103(2)(a), FACTs collected three standard five-part composite samples for the quantitative determination of the presence of methamphetamine from 15 different locations in the subject property. The analysis results confirmed the presence of methamphetamine at the residence.

Pursuant to CRS §25-18.5-101 *et seq*., on Tuesday November 3, 2009, FACTs performed a State mandated Preliminary Assessment as defined by Colorado State Board of Health Regulation 6 CCR 1014-3. Due to the nature and distribution of residual methamphetamine at the subject property, this document serves as both the Preliminary Assessment[1] 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 October 14, 2009, evaluation.

- A Class 1 Public Nuisance, as defined in CRS §16-13-303(1) existed at the property at the time of our October 14, 2009, evaluation.

- Pursuant to the state-of-knowledge toxicological risk models developed by the State of Colorado,[3] the concentrations of methamphetamine at the subject property were not sufficiently elevated to be considered a "contaminant" as that term is defined in 6 CCR 1014-3 (§3).

[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

- Pursuant to 6 CCR 1014-3 (Mandatory Appendix A) FACTs hereby issues, by virtue of this document, a *Decision Statement*[4] 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 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 to the Governing Body, 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.

Regulatory requirements notwithstanding, FACTs recommends that the carpets be steam cleaned and then removed completely. The carpets may yet contain uncharacterized levels of methamphetamine, precursors or other contaminants. If the carpets are removed without preparation, the removal process may re-entrain elevated levels of methamphetamine. By steam cleaning the carpets, the water soluble methamphetamine hydrochloride will be safely removed, and then the carpets can be removed without concerns about re-entrainment or additional human exposures. FACTs places no restrictions or recommendations on who or how the steam cleaning may be performed (that is, the cleaning can be performed by anyone, private or commercial.)

BACKGROUND

On Wednesday, October 14, 2009, FACTs visited the subject property to perform a cursory industrial hygiene evaluation for the presence of methamphetamine. The data quality objectives of the evaluation was 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 question: "Is methamphetamine present at the property?"

During the Wednesday, October 14, 2009, evaluation, three five part composite samples were collected from 15 locations at the residence. The reportable limit during the evaluation was set at the lowest regulatory limit for methamphetamine in Colorado, namely 0.1 µg/100cm2. The composite samples conclusively confirmed the presence of methamphetamine at the property at concentrations greater than the reportable limit.

[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.

Based on the information thus gained, the property was "discovered" and 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. On Tuesday, November 3, 2009, FACTs performed the on-site portion of 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 requirements[5] by an authorized Industrial Hygienist as that term is defined in CRS §24-30-1402.

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.[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 meth laboratories, to conclude the *presence* of methamphetamine, and/or its precursors as related to processing, drug use, storage, or waste products.

Sampling during a Preliminary Assessment is not required. However, if 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.*

[5] Section 4 of 6 CCR 1014-3

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

[7] Section 4.6 of 6 CCR 1014-3

Pursuant to the regulations, information obtained during the Preliminary Assessment and those findings enter the public domain, and are not subject to confidentiality.[8]

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.[9]

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.[10] In this case, the Preliminary Assessment lead directly to the issuing of 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 it's totality, contains the mandatory information for a Preliminary Assessment as follows:

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	✓

Table 1
Inventory of Mandatory Information

[8] Section 8.26 of 6 CCR 1014-3
[9] Colorado Revised Statutes §25-18.5-103

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

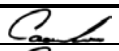
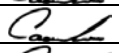
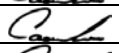
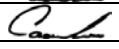
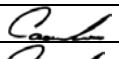
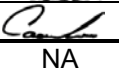
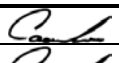
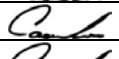
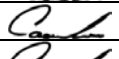
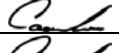
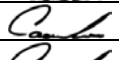
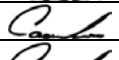
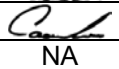
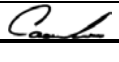
§8.11	Description of the sampling procedures and QA/QC	
§8.12	Analytical Description and Laboratory QA/QC	
§8.13	Location and results of initial sampling with figure	
§8.14	FACTs health and safety procedures in accordance with OSHA	
§8.15	Contractor's description of decontamination procedures and each 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 (continued)
Inventory of Mandatory Information

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 Preliminary Assessment 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 regulation[11] to review available law enforcement documents pertinent to a subject property. During this project, the Denver Police Department, Civil Liabilities Division exhibited the highest level of professionalism and efficiency and cooperated fully with our Preliminary Assessment; even to the extent of going out of their way to provide expedited week-end service for our request for information. Denver Police Department reported that there was no documentation available for the property vis-à-vis controlled substances. None of our other sources were able to provide any additional information for the property. Therefore, based on the best information available, there are no records available to indicate controlled substance activities at the subject property.

[11] 6 CCR 1014-3 (Section 4.2)

GOVERNING BODY

Based on the best information available, the City and County Department of Environmental Health is the "Governing Body" as defined in CRS §25-18.5-101.

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

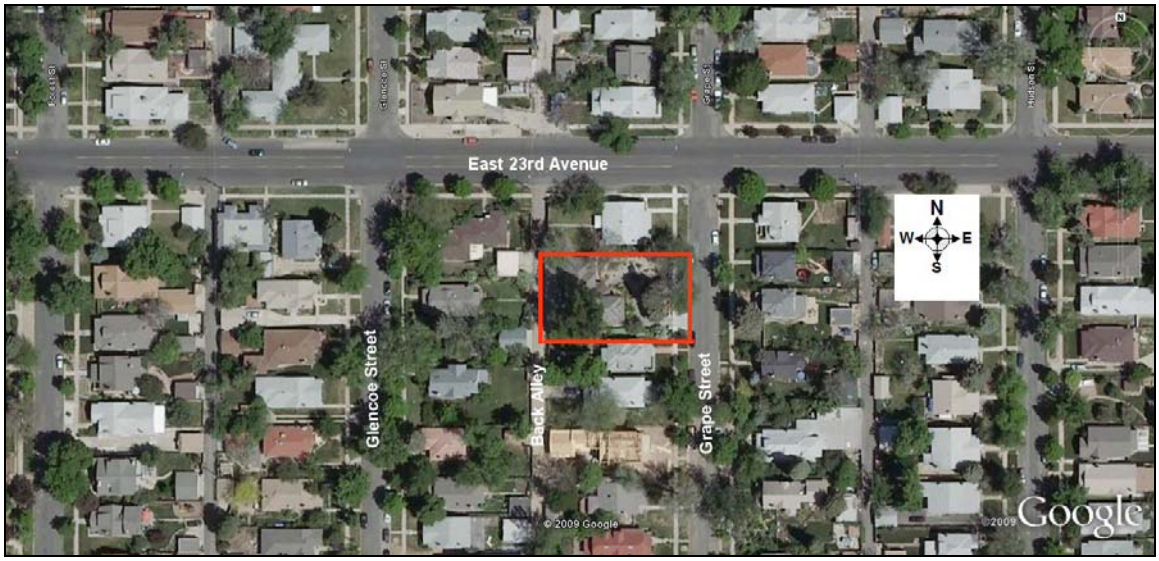
FACTs will provide a copy of this report to the Governing Body on behalf of Financial Asset Services, Inc. pursuant to 6 CCR 1014-3 (§8.26).

VISUAL INSPECTION OF THE PROPERTY

As part of our Preliminary Assessment, on Tuesday November 3, 2009, personnel from FACTs performed a visual inspection of the subject property. Pursuant to regulatory requirements, the subject property was assigned into "functional spaces," and an indicia inventory and assessment was performed for each functional space.

Upon our November 3, 2009, arrival, we found the property secured (except for the upstairs master bedroom balcony), unoccupied and completely emptied of all chattels, furniture, and some major appliances.

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



Photograph 1
General Building Layout

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 different, 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 is included in the body of this assessment and the spaces have been summarized in the table below:

Functional Space Number	Functional space
1	Foyer, Living Room and Foyer Closet
2	Study (accessed directly off the living room)
3	Library (accessed exclusively from the Study)
4	Bedroom Number 1 and closet (accessed from the Study)
5	Bathroom Number 1 (accessed from Bedroom Number 1)
6	Powder Bathroom (accessed from the Living room)
7	Kitchen and Formal Dining Room
8	Mud Room (a small ante room from garage)
9	Garage (accessed from the Mud Room)
10	Furnace Room (Laundry Room)
11	Ante Room (room entered when descending the stairs from the Living Room)
12	Bedroom Number 2 (accessed from Ante Room) and associated closet
13	Bathroom Number 2 (accessed from Bedroom Number 2)
14	Two-room Cellar, downstairs landing and storage area under the stairs
15	Crawlspace Number 2 (accessed from the Cellar)
16	Bathroom Number 3 (accessed by ascending the stairs from the Living room)
17	Bedroom Number 3 (contiguous to Bathroom Number 3) and associated closet
18	Stair Hallway to Master Bedroom
19/20	Master Bedroom, including entrance ante room and closet, and Master Bathroom, steam room, toilet, tub (Functional Spaces have been combined into a single Functional Space)
21	Crawlspace Number 1 (accessible from Foyer closet)
22	Attic Number 1 (accessible from Bedroom Number 3)
23	Attic Number 2 (accessible from Garage)

Table 2
Functional Space Summary

Functional Space 1: Foyer, Living Room and Foyer Closet

This space is the large open area as one enters the structure. It is delineated by the walls that commonly delineate these rooms as they are commonly known. The area has visual signs of extreme squalor (a visual indicator seen throughout this property). The discreet sample collected from this functional space contained trace amounts of methamphetamine.

Functional Space 2: Study

The study is a small room of unknown actual use. The carpets were heavily stained and the walls had unusual damage (possibly "artistic expressions"). This space contained considerable visual evidence of methamphetamine production. The discreet sample collected from this functional space contained trace amounts of methamphetamine.

A sample was also collected from the duct interiors of this room, which also contained trace methamphetamine. The sample from the duct interior in this room necessarily was neither a discreet nor a composite, rather due to the configuration of the surfaces, we attempted to balance the requirements for selecting the most probably contaminated surfaces with the requirements for equal surface selection. In this case, the duct interior met the primary requirement of most probably contaminated, however, it was physically too difficult to collect a single sample of at least 500 cm2 from one location and two equally sized samples from two locations. Therefore, we collected the necessary sample from two locations within the same duct area, but the configuration was such that two different sample area sizes were collected. Therefore, FACTs exercised professional judgment as permitted, and collected the necessary sample as best possible. Regardless of whether the sample is treated as a composite or a discreet, the absolute concentrations would not exceed the regulatory threshold. The duct interior was not collected to represent a Functional Space.

Functional Space 3: Library

This is the small space to the east of the "Study." The actual use of the room is unknown. The Library contained some visual indicators consistent with methamphetamine production. However, the discreet sample collected from this room was below the analytical detection method for methamphetamine.

Functional Space 4: Bedroom Number 1 and Closet

This space contained a number of visual indicators consistent with methamphetamine production, including delaminating paint and stains and burns on the carpet in the main bedroom. Also, the smoke detector was disabled in this room. However, the discreet sample collected from this room was below the analytical detection method for methamphetamine.

Functional Space 5: Bathroom Number 1

This is the small bathroom for Bedroom Number 1. The room contained some visual indicators, however the discreet sample collected from this functional space contained only trace amounts of methamphetamine.

Functional Space 6: Powder Bathroom

This is the small toilet and sink off the living room. Only trace concentrations of methamphetamine were found in this room, however, it would appear the residue was due to fugitive emission due to smoking methamphetamine in the residence.

Functional Space 7: Kitchen and Formal Dining Room

This area is contiguous to the living room, however, based on the location of the east wall entrance, contamination could be expected to be different from Functional Space 1. Trace amounts of methamphetamine, below regulatory threshold, were located in this functional space.

Functional Space 8: Mud Room

The mud room is a small room as the term is commonly used that communicates directly with the garage. The room did not contain any strong visual indicators and the discreet sample collected from this room was below the analytical detection method for methamphetamine.

Functional Space 9: Garage

The garage is delineated as the term is commonly used. The room did not contain any strong visual indicators and the discreet sample collected from this room was below the analytical detection method for methamphetamine. Access to Attic Number 2 is from the Garage.

Functional Space 10: Furnace Room

The furnace room housed the laundry hook-ups as well as the furnace and the hot water heater. There was a small slop sink in this room. Trace amounts of methamphetamine, below regulatory threshold, and consistent with smoking methamphetamine, were located in this functional space.

Functional Space 11: Anteroom

The anteroom is the first room one enters as one descends the stairs from the living room. Staining on the carpet was consistent with squalid living conditions associated with methamphetamine use. Trace amounts of methamphetamine, below regulatory threshold, were found in this room based on a discreet sample.

Functional Space 12: Bedroom Number 2

This room contained several visual indicators. The discreet sample collected from this room was below the analytical detection method for methamphetamine.

Functional Space 13: Bathroom Number 2

The bathroom fan in this functional space was sampled, and we estimated that the surface was under-sampled by approximately 30%. This was due to the difficulty in getting the wipe to adequately remove the debris from between the slots of the fan covering. Therefore, the sample result, as reported by the laboratory was multiplied by a correction factor to increase the reported concentration to compensate for the under-sampled surface.

Functional Space 14: Cellar Area

Descending from the Anteroom, one enters the cellar area. The cellar area consists of the descending stairway, the landing, the area under the stairs, and the two distinct rooms of the cellar. The highest concentration of methamphetamine was located in this room. At 0.4 µg/100cm2, the sample has a significant probability of exceeding the state regulatory threshold. If the sample was part of the an overall demonstration of non-compliance, FACTs would almost certainly argue that the upper confidence interval should be used and the area remediated. However, in the totality of the circumstances, the samples are consistently demonstrating widespread, but compliant concentrations, lending to the argument that the sample actually does represent the upper probability of contamination.

The sample was visually estimated to be under-sampled by approximately 5% and therefore, the sample result was increased accordingly.

We believe there is a possibility that cooking (processing) of methamphetamine occurred in this location (see shaded area in Figure 5).

Functional Space 15: Crawlspace Number 2

This is the crawlspace that is accessible from the cellar. The crawlspace did not contain any visual indicators. The discrete sample collected from this crawlspace contained a concentration of approximately 10 times greater than the detection limit. The residual methamphetamine in this area is probably due to the fact that the crawlspace is open to the cellar area where active smoking or production occurred.

Functional Space 16: Bathroom 3

This is the bathroom that one enters as they ascend the stairs from the living room. The bathroom did not have any confident visual indicators of production. The discreet sample collected from this room was below the analytical detection method for methamphetamine. In the video walkthrough, this bathroom is misidentified as "Bathroom Number 2."

Functional Space 17: Bedroom 3

Bedroom Number 3 is the bedroom that is contiguous with Bathroom Number 3, and is also accessed by ascending the stairs from the living room. This room was virtually the only occupiable room in the residence that was completely free of any visual indicators. The discreet sample collected from this room was approximately twice the analytical detection method for methamphetamine, and was below regulatory concerns. In the video, this bedroom is misidentified as "Bedroom Number 2."

Attic Number 1 is accessible from this room.

Functional Space 18: Stair Hallway

The stair hallway is the access passage from the living room to the master bedroom. This functional space is an elevated passage and is open to the living room. The functional space arguably could have been included in the same functional space as the living room,

except that the visual indicators in this area were different than those of the living room. Trace concentrations of methamphetamine were identified in this space.

Functional Space 19/20: Master Bedroom, Master Bathroom

The master bedroom consists of an anteroom to the master bathroom, master bedroom *per se*, and a large closet. This room contained numerous visual indicators including distinctive yellow staining on the carpets consistent with iodine spills.

We believe that cooking (processing) methamphetamine occurred in this space (see shaded area in Figure 3). However, if waste products were discarded down the sanitary sewer in the contiguous bathroom, the quantities were too small, or were too diluted to have resulted in any indicators. It is similarly possible that wastes were packaged out in the domestic trash.

The discreet sample collected from this functional space, (from the light fixture in the anteroom), inadvertently did not contain 500 cm2 as required by regulation. This was due to a calculation error that was not caught by the Industrial Hygienist until the time of writing the report.

The sample can be viewed in two ways. In the first, most prudent manner, the sample, which covered 264 cm2, did not have any detectable methamphetamine. Therefore, for the functional space to have been noncompliant, the distribution of the methamphetamine on the remaining light fixture would have had to be so heterogeneous that the remaining 236 cm2 would have had to contain 1.2 µg of methamphetamine; a situation that is extremely improbable. The second interpretation, used in this report, takes into account the contiguous master bathroom and the result of the concentration of methamphetamine in the contiguous master bathroom. That sample similarly indicates compliance and therefore argues that the potential contamination is the same and both areas can be identified as a single functional space. For the purposes of meeting regulatory sampling requirements, the Master Bedroom and the Master Bathroom are administratively joined into one Functional Space. As such, the calculation error for the sample collected from the light fixture is a corrected error and does not constitute a fatal flaw.

The visual indicators in the master bathroom consisted of damage to the lighting fixture. As already described, the sample collected from the bathroom was similar to that collected from the lighting fixture.

Functional Space 21: Crawlspace Number 1

This is the crawlspace that is accessed from the foyer closet and is directly below the living room, study and library. The crawlspace did not appear to extend below Bedroom Number 1. There were no visual indicators in this Functional Space. The discreet sample collected from this area contained a mass of methamphetamine that was just slightly greater than the detection limit, but below regulatory (and toxicological) significance.

Functional Space 22: Attic Number 1

Attic Number 1 is accessible from Bedroom Number 3. The attic did not contain any visual indicators and did not appear to have been occupied or used for storage in any manner. The methamphetamine concentration as determined by the discreet sample collected from this area was less than the detection limit for the method.

Functional Space 23: Attic Number 2

This is the attic that is accessible from the garage. The attic did not contain any visual indicators and did not appear to have been occupied or used for storage in any manner. The methamphetamine concentration as determined by the discreet sample collected from this area was less than the detection limit for the method.

Furnace

We collected two sample representations from the furnace – neither is considered a "functional space" sample. The first was already described in "Functional Space Number 2." The second was collected directly from the furnace interior as accessed from the furnace room closet. The discreet sample collected from the furnace interior contained methamphetamine at a concentrations below the regulatory limit.

Exterior Grounds

At the time of our assessment, the vegetation and groundcover was in its winter state, preventing the direct assessment of stressed vegetation. Furthermore, heavy leaf litter on the ground also hindered an assessment of the exterior grounds for signs of disposal. However, in the totality of the circumstances, the direct examination of the exterior grounds did not reveal any visual observations of concern, and did not reveal any signs of contamination migration to other properties.

Sample Collection

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, the Industrial Hygienist and his Technician donned fresh Tyvek® suits upon entry into the property. All equipment brought into the subject property was staged outside at the front door. The ladder used during our assessment had been washed at a car wash prior to entering the building.

Wipe Samples

Except where already noted, 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 authoritative biased sampling would be appropriate.

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, or in some cases, it was impossible to premeasured the limits of the sample, and the sample was collected first and then the area was measured.

Due to the primary need for collection of samples from areas of highest contamination, the surfaces so selected are frequently convoluted and intricate surfaces. As such, the measured delineations are frequently the summation of several specific surface components. For example, when sampling a light fixture (see Photograph 2, below) the fixture is treated as a single sample item. However, the metal surface of the light fixture is composed of different contiguous components which must be summed to equal the necessary surface area. The necessary calculations for the summation are typically conducted with a calculator, measuring "tape" and notes on a scratch pad (or more typically on the back of a gloved hand.) As such, on the field sheets the summation is provided rather than the individual surface area for each component.

Photograph 2
Example of Convoluted Surface Area

In some cases, such as with Sample GM110309-23 and GM110309-26, the sample components may not be contiguous, and yet the samples do not meet the definition of a "composite sample." This is an area were the language of the regulation creates an inconsistency in sampling realities that must be resolved through professional judgment.

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, three field blanks were randomly selected from the numbered 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 blanks, laboratory personnel were not informed which specific samples were blanks (if any at all) and all samples were submitted blind. The history of the FACTs field blank media has demonstrated a media and solvent contamination level below the analytical detection limit for the method. None of the blanks for this project contained measurable masses of methamphetamine.

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 and/or his Technician 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 Level" is that value below which the sample result would need to be to confirm compliance.

Sample Results

In the following table, the sample prefix for each sample is "GM110309."

Sample ID	Location	Area Sampled cm2	Result µg/100cm2	Decision Level	Decision Status
-01	Crawlspace Number 1 Top of Air Duct	629	0.005	0.50	PASS
-02	Crawlspace Number 2 Top of Pipe	619	0.060	0.50	PASS
-03	Field Blank	NA	BDL		PASS
-04	Living Room Top of Ceiling Fan	516	0.017	0.50	PASS
-05	Study return grille	645	0.295	0.50	PASS
-06	Library South East corner, south wall	523	<0.006	0.50	PASS
-07	Bedroom #1, North east corner, north wall	523	<0.006	0.50	PASS
-08	Bathroom 1, Light fixture	523	0.009	0.50	PASS
-09	Powder bathroom light fixture	523	0.039	0.50	PASS
-10	Dining Room South chair rail	516	0.031	0.50	PASS
-11	Mud room south central wall	523	<0.006	0.50	PASS
-12	Garage, top of plastic light cover	619	<0.005	0.50	PASS
-13	Attic Number 2, top of radon fan	698	<0.004	0.50	PASS
-14	Field Blank	NA	BDL		PASS
-15	Laundry room, top of cabinets	523	0.046	0.50	PASS
-16	Furnace interior, from laundry room	523	0.028	0.50	PASS
-17	Ante Room, north ledge	523	0.007	0.50	PASS
-18	Bedroom #2, North wall, ledge	581	<0.005	0.50	PASS
-19	Bathroom number 2, exhaust fan	523	0.014	0.50	PASS
-20	Cellar, top of PVC piping on south wall	523	0.399	0.50	PASS
-21	Bathroom #3 exhaust fan	523	<0.006	0.50	PASS
-22	Field Blank	NA	BDL		PASS
-23	Bedroom Number 3 Top of door jamb	511	0.014	0.17	PASS
-24	Hall Stairway, light fixture	523	0.019	0.50	PASS
-25	Master Bedroom, light fixture	264	<0.011	0.50	NA
-26	Master bathroom, top of door jambs	582	0.006	0.17	PASS
-27	Attic Number1, top of electrical junction box	671	<0.004	0.50	PASS
-28	Study, duct interior	500	0.007	0.25	PASS

The symbol "<" indicates that methamphetamine was not detected at the detection limit expressed.
BDL for the Field Blanks indicates "Below Detection Limit."

Table 3
Summary of Sample Results

Sample Locations

In the figures that follow, the sample locations from the Preliminary Assessment have been presented. The locations of the initial (cursory) samples are identified by an alpha character. The drawings are stylized and not to scale.

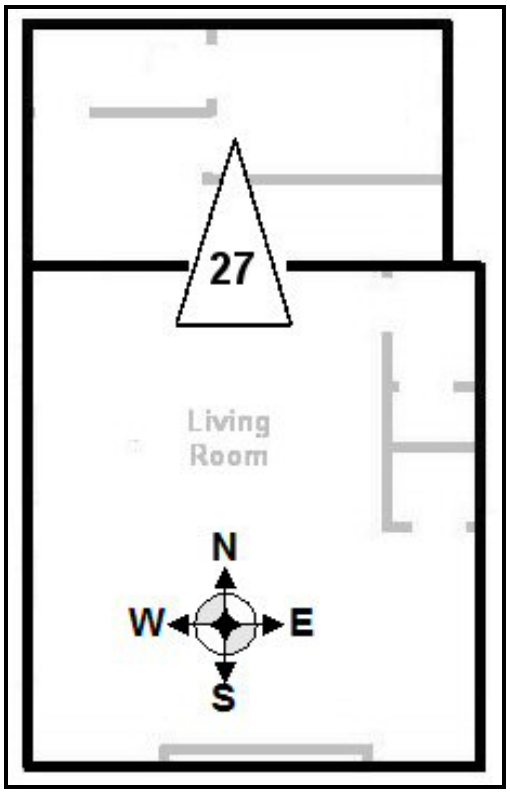


Figure 1
Attic 1 Sample Location

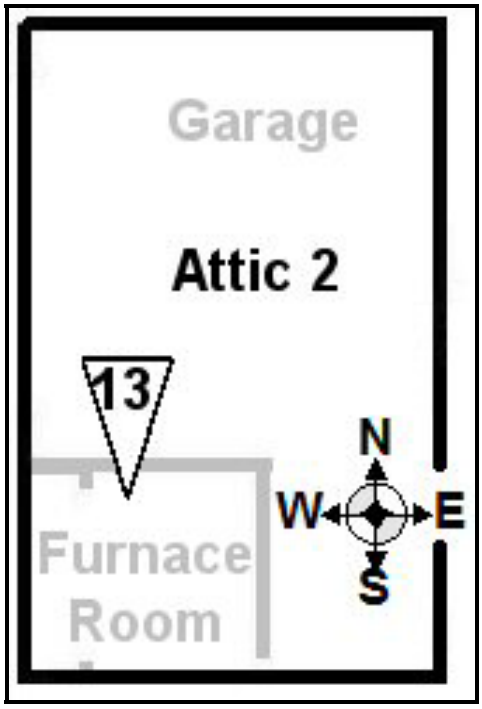


Figure 2
Attic 2 Sample Location

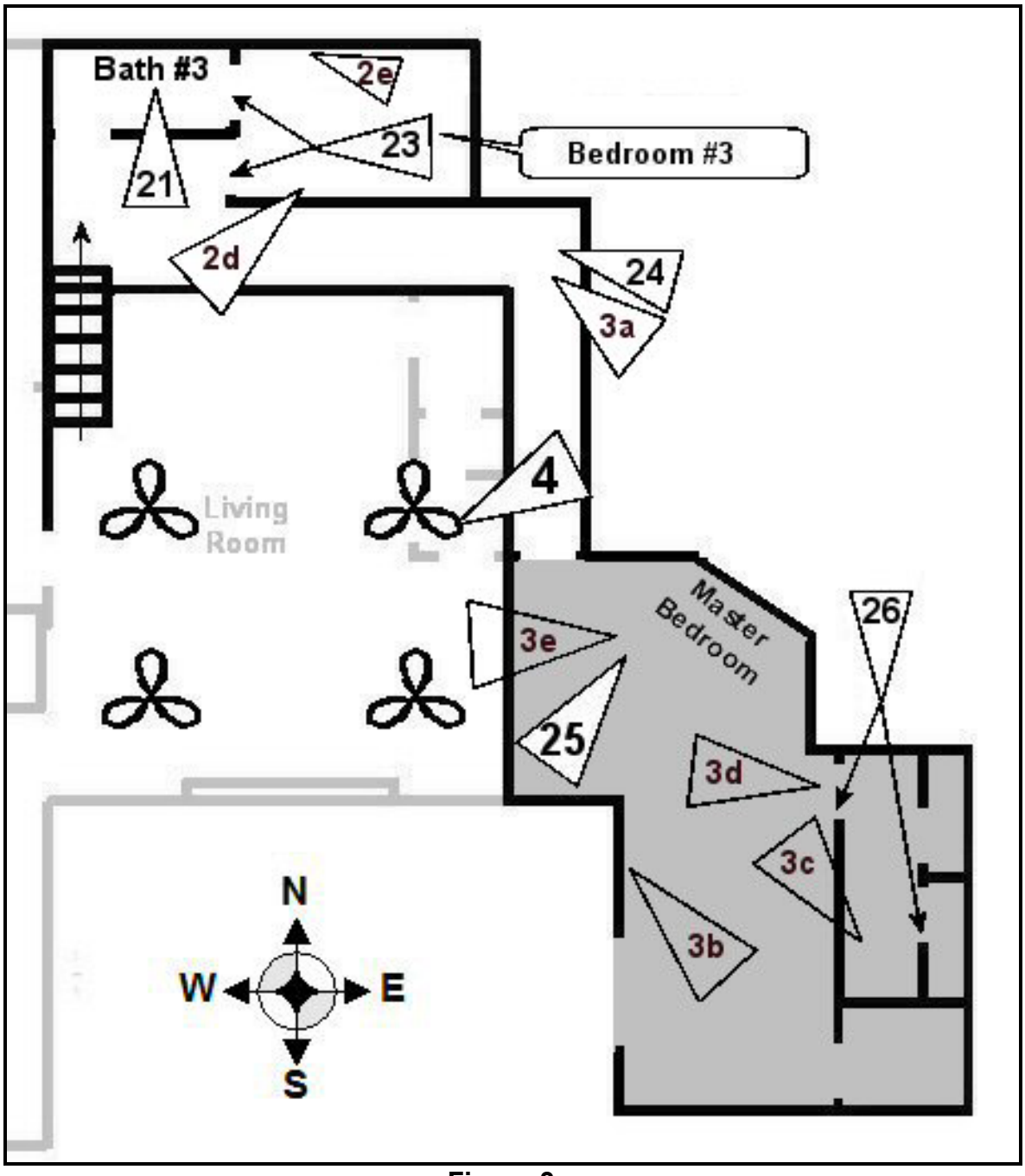


Figure 3
Upstairs Sampling Locations

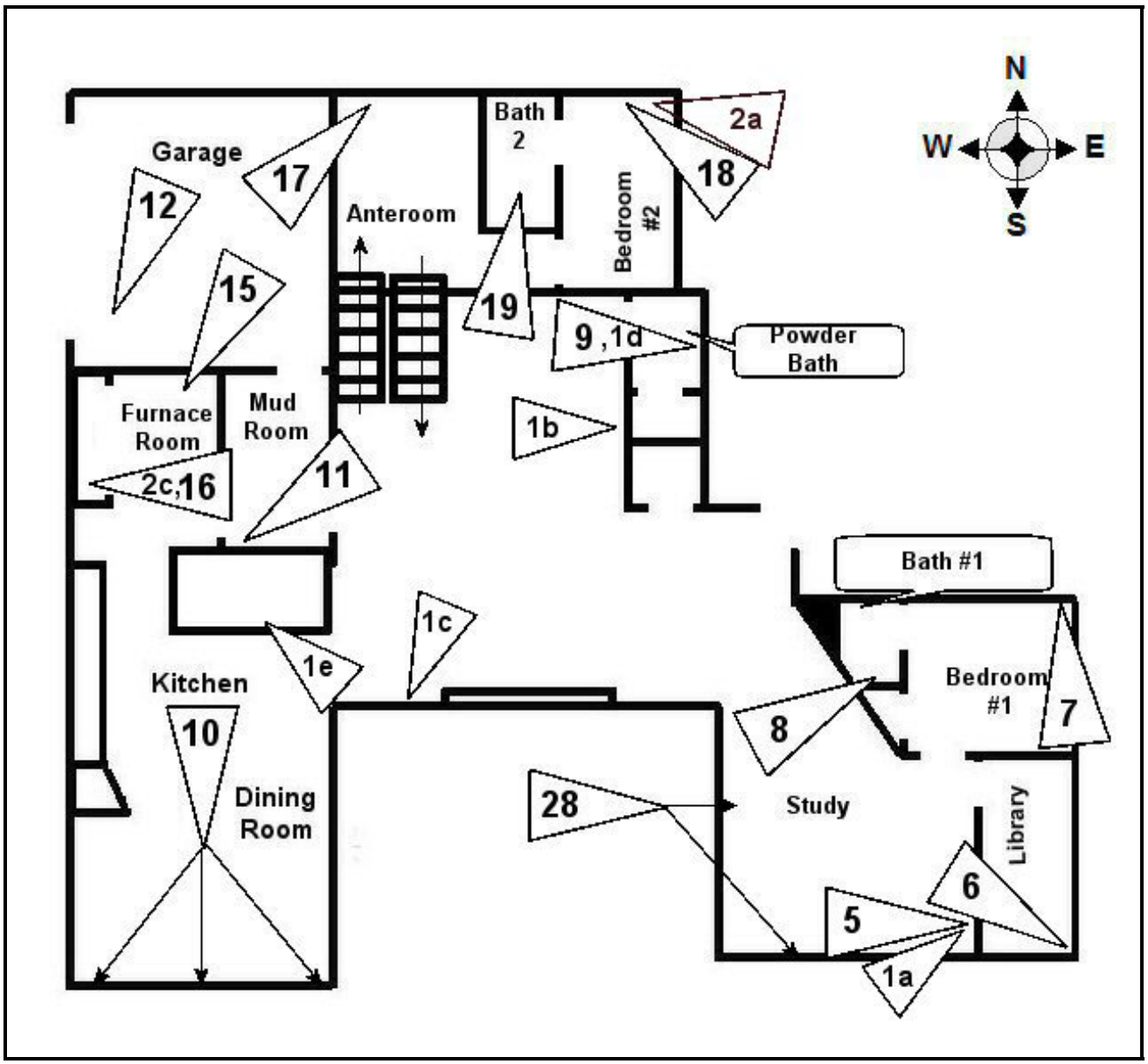


Figure 4
Main Floor Sampling Locations

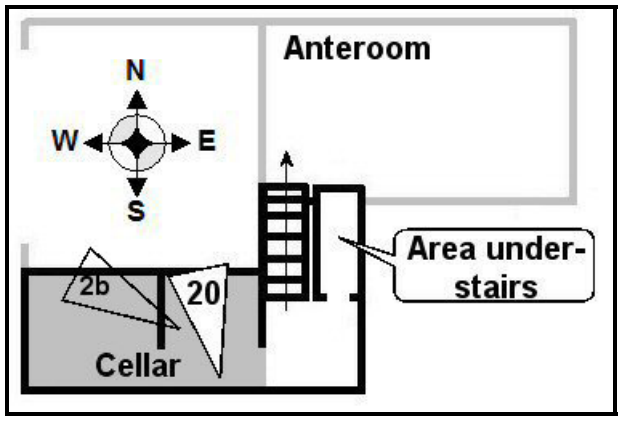


Figure 5
Cellar Sample Location

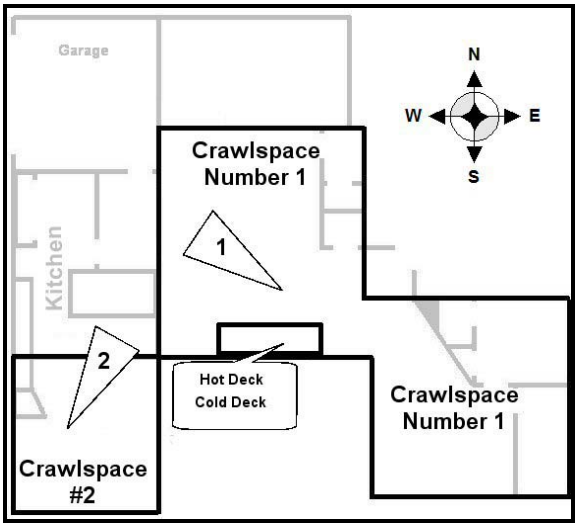


Figure 6
Crawlspace Sampling Locations

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 10 µg (RPD <1%, recovery =100%); Matrix spike 0.020 µg (RPD 5%; recovery 95%); Matrix spike Dup 0.020 µg; (RPD <1%; recovery 100%); Surrogate recovery (all samples): High 106% (Sample 5), Low 90% (Sample 1); FACTs reagents: MeOH lot #A0801 <MDL for n=18; Gauze lot G0903 <MDL for n=3. The QA/QC indicate the data met the data quality objectives; and the results do not appear to be biased.

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.

- 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

Mere presence of controlled substances does not indicate a potential for harm or adverse physiological effects. The general population daily encounters trace quantities of controlled substances on paper currency and in public structures. The concentrations of residue that remain at the property are not considered to be toxicologically significant.

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. Based on the best information available, The Governing Body is:

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

FACTs will provide a copy of this report to the Governing Body on behalf of Financial Asset Services, Inc. pursuant to 6 CCR 1014-3 (§8.26).

Enclosures: One CD; Data package, and Appendices

Appendix A:

Supporting Documents

FACTs project name: 2275 Grape Street	Form # ML1
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

PROPERTY DESCRIPTION:

Physical address	**2275 Grape Street, Denver, CO, 80207-3838**
Legal description or VIN	**Mores Park Heights B3 L3 To 5 & N/2ft of L6 Except Rear 7ft To City (right of way).**
Registered Property Owner	**Lowrey, Jeffrey R (as of Nov. 17, 2009) Deutsche Bank National Trust is also listed on the tile under "Legal Description")**
Number of structures	**One**
Type of Structures (Each affected structure will need a "Functional Space" inventory)	1: Residence — 4,168 Square feet
Adjacent and/ or surrounding properties	1: North: Residential Structure 2: South: Residential Structure 3: East: Residential street 4: West: Alley way
General Property Observations	**Property was in a state of squalor. Structurally, the property had not been badly damaged.**
Presumed Production Method	**Red phosphorous**

Plumbing Inspection and Inventory

FACTs project name: 2275 Grape Street	Form # ML2
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Functional Space	Room	Fixture	Indicia?	Comments
5	Bathroom # A	Shower	Yes	Staining, corrosion
5	Bathroom # A	Sink	Yes	Staining, corrosion
5	Bathroom # A	Toilet	Yes	Staining, corrosion
6	Bathroom # B	Sink	No	
6	Bathroom # B	Toilet	No	
13	Bathroom # C	Shower	No	
13	Bathroom # C	Sink	No	
13	Bathroom # C	Toilet	No	
16	Bathroom # C	Shower	No	
16	Bathroom # C	Sink 1	No	
16	Bathroom # C	Sink 2	No	
16	Bathroom # C	Toilet	No	
16	Bathroom # C	Bidet	No	
20	Bathroom # D	Shower	No	
20	Bathroom # D	Sink 1	No	
20	Bathroom # D	Sink 2	No	
20	Bathroom # D	Toilet	No	
20	Bathroom # D	Hot tub	Yes	Yellow staining
7	Kitchen	Dishwasher	No	
7	Kitchen	Sink #1	No	
7	Kitchen	Sink #2	No	
10	Laundry Room	Slop sink	No	
10	Laundry Room	Washing machine	NA	No signs of corrosion on hook-up

Ventilation Inspection and Inventory

Item	Y/N	Indicia ?	Sampled ?	Comments
Isolated AHU?	Y	Y	Y	Methamphetamine
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?	Y			

FUNCTIONAL SPACE INVENTORY

FACTs project name: 2275 Grape Street	Form # ML3
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Structure Number	Functional Space Number	Describe the functional space (See drawings for delineating structural features)
1	1	Foyer, Living Room and Foyer Closet
1	2	Study
1	3	Library
1	4	Bedroom Number 1 and closet (accessed from the Study)
1	5	Bathroom Number 1 (accessed from Bedroom Number 1)
1	6	Powder Bathroom (accessed from the Living room)
1	7	Kitchen and Formal Dining Room
1	8	Mud Room (a small ante room from garage)
1	9	Garage
1	10	Laundry Room
1	11	Ante Room (first room entered when descending stairs from Living Room)
1	12	Bedroom Number 2 (accessed from Ante Room) and associated closet
1	13	Bathroom Number 2 (accessed from Bedroom Number 2)
1	14	Two-room Cellar, downstairs landing and area under the stairs.
1	15	Crawlspace Number 2 (accessed from the Cellar)
1	16	Bathroom Number 3 (accessed by ascending the stairs from the Living room)
1	17	Bedroom Number 3 (contiguous to Bathroom Number 3) and closet
1	18	Stair Hallway to Master Bedroom
1	19/20	Master Bedroom, including entrance ante room and closet and Master Bathroom, steam room, toilet, tub
1	21	Crawlspace Number 1 (accessible from Foyer closet)
1	22	Attic Number 1 (accessible from Bedroom Number 3)
1	23	Attic Number 2 (accessible from Garage)

LAW ENFORCEMENT DOCUMENTATION

FACTs project name: 2275 Grape Street	Form # ML4
Date: November 18, 2009	
Reporting IH:	**Caoimhín P. Connell, Forensic IH**

Inventory of Reviewed Documents	1: Denver Police Department reported that there was no documentation available for this location.
Described method(s) of production	Red phosphorous method
Chemicals identified by the LEA as being present	None
Cooking areas identified	Red phosphorous method of production was believed to have occurred in the master bedroom and in the cellar.
Chemical storage areas identified	None
LE Observation on areas of contamination or waste disposal	NA

FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

October 30, 2009

Denver Police Civil Liability Bureau
1331 Cherokee Street,
Room 504
Denver CO 80204

Via Fax: 720-913-7035

To Whom It May Concern:

Forensic Applications, Inc. has been contracted to perform a "Preliminary Assessment" 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 the City of Denver at:

2275 Grape Street, Denver, 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.

We would like to review any narratives regarding controlled substances or hazardous materials responses, or speak with any Law Enforcement personnel who may be familiar with the property. We are only interested in issues involving controlled substances or hazardous materials responses in the last four years. If no such records are available please let us know and we will merely make that notation in our report to the City and County Department of Health.

We will be performing the on-site assessment on November 4th or 5th, 200, 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 Denver Law Enforcement, and we value and respect that open line of communication. I have included my SOQ. Please feel free to call me directly with any comments or questions.

Sincerely,

Caoimhín P. Connell
Forensic Industrial Hygienist

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

FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

October 30, 2009

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1331 Cherokee Street,
Room 504
Denver CO 80204

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Caoimhín P. Connell
Forensic Industrial Hygienist

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

CITY AND COUNTY OF DENVER

John W. Hickenlooper
Mayor

DEPARTMENT OF SAFETY

DENVER POLICE DEPARTMENT
CIVIL LIABILITY BUREAU
1331 CHEROKEE STREET, ROOM 504
DENVER, COLORADO 80204-2787
PHONE: (720) 913-6013

Date: 10/31/09 **Regarding:**

Please be advised your record request could not be completed due to the following:

_____ Records Bureau currently has a backlog of cases that have not been filed. As of _____ this case has not been filed, please resubmit your request again at a later date.

_____ The investigation on this case is still active, please resubmit your request again at a later date.

_____ The Criminal or Traffic charges have not been adjudicated, we cannot release the report.

_____ Additional information is required to complete your request.

_____ Supplemental report is not required for this case.

_____ Witness statements are not in the file.

_____ Juvenile records will not be provided without a notarized, signed parental/guardian release, and copy of child's birth certificate. This is required by Colorado State Statute.

_____ This request is a General Sessions Case you may obtain a copy from the Denver County Court, General Sessions Division, Room #140, (720) 865-8040.

_____ This request involves a State/County Misdemeanor you may obtain a copy from the Denver County Court, Criminal Division, Room #111, (720) 865-7820.

_____ This request pertains to a Traffic Citation you may obtain a copy of the ticket from the Denver County Court, Traffic Division, Room # 109, (720) 865-7840.

_____ This information must be obtained through the prosecuting District or City Attorney, under a "Motion of Discovery". District Attorney (720) 913-9000 or City Attorney (720) 913-8050.

_____ Our computer was unable to locate any records, based on the information given.

ADDITIONAL REMARKS:

Thank you, Denver Police Department, Civil Liability Bureau

NO Records Found

Field Observations

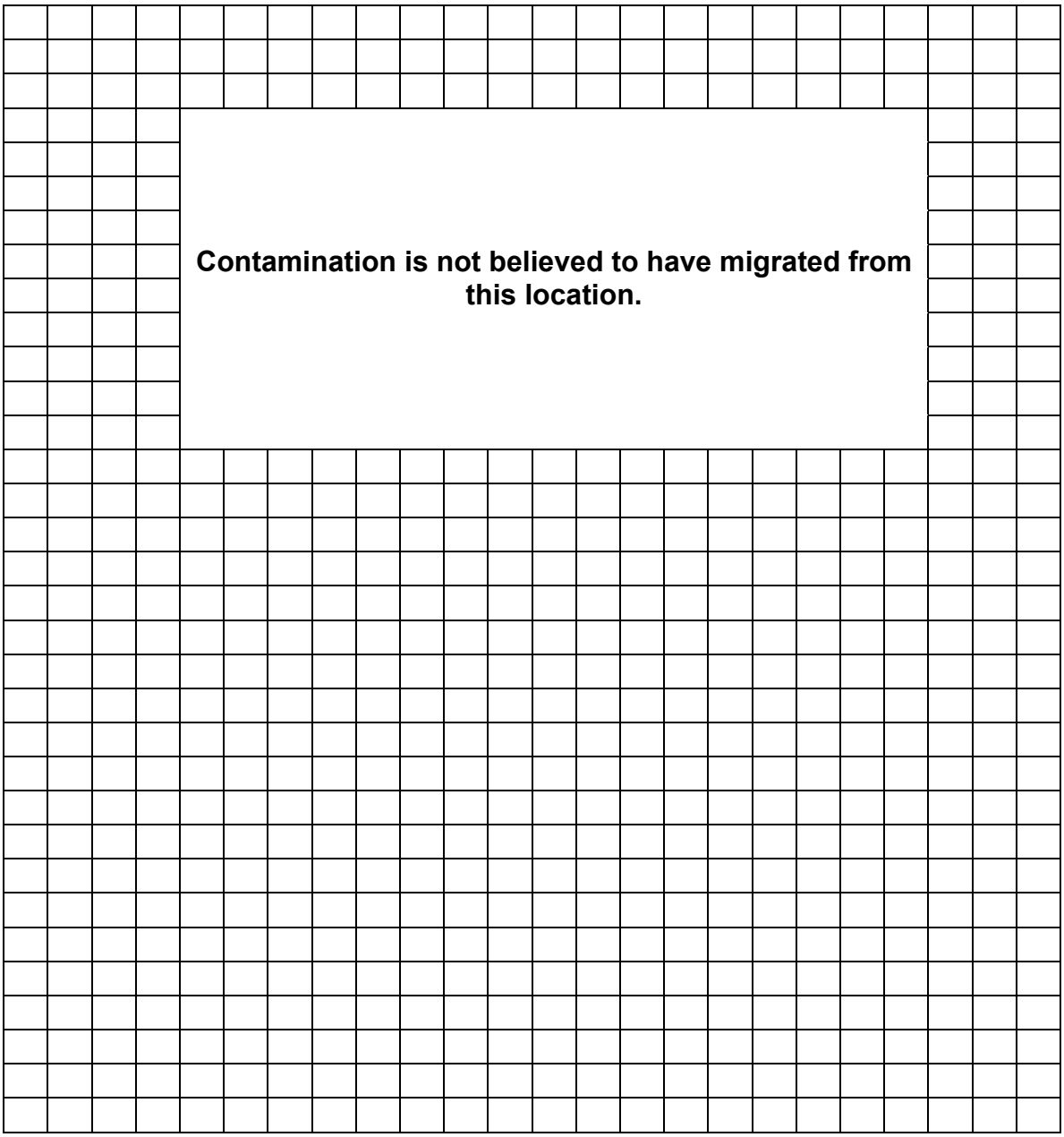
FACTs project name: 2275 Grape Street	Form # ML5
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Indicator	Functional Space	Indicator	Functional Space
Acids	No comments	Heet or similar	No comments
Aerosol cans	No comments	Hydrogen peroxide	No comments
Alcohols (MeOH, EtOH)	No comments	Iodine	No comments
Ammonia	No comments	Kitty litter	No comments
Ammunition	No comments	Lead	No comments
Artistic expressions	No comments	Lithium	No comments
Bags of salt	No comments	Match components	No comments
Bases	No comments	Mercury	No comments
Basters/Pipettes	No comments	Methamphetamine	1, 2, 5, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18, 19, 20, 21
Batteries	No comments	Modified coolers	No comments
Bi-phasic wastes	No comments	Needles/Syringes	No comments
Booby traps	No comments	Other OTC	No comments
Bullet holes	No comments	pH papers/indicators	No comments
Burn marks	1,2,3,12,19	Phenyl-2-propanone	No comments
Chemical storage	No comments	Pornography, Sex toys	No comments
Colored wastes	No comments	Presence of cats	No comments
Corrosion on surfaces	1,2,19	Pseudoephedrine	No comments
Delaminating paint	3,4,19	Red P	No comments
Drug paraphernalia	No comments	Red Staining	1, 2, 3, 4, 12, 13, 18, 19
Empty OTC Containers	No comments	Smoke detectors disabled	1, 2, 3, 4, 14, 17, 19
Ephedrine	No comments	Solvents - ketones, etc	No comments
Faeces	No comments	Solvents -aromatics	No comments
Filters	No comments	Squalor	1, 2, 3, 4, 5, 6, 7, 12, 13, 17, 18, 19
Forced entry marks	No comments	Staining on floors	1, 2, 3, 4, 9, 11, 12, 18
Gas cylinders	No comments	Staining on walls or ceiling	7,8,13
Gerry cans	No comments	Structural damage/modifications	1,2,13,20
Glassware	No comments	Urine containers	No comments
Heating mantle	No comments	Weapons	No comments

Contaminant Migration Observations

FACTs project name: 2275 Grape Street	Form # ML6
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Describe/identify adjacent areas where contaminants may have migrated.



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

Describe the area:_____

_____

_____

_____

Individual Sewage Disposal System Field Form

FACTs project name: 2275 Grape Street	Form # ML7
Date: November 18, 2009	
Reporting IH:	Caoimhín 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	Not Applicable for This Property		
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 (pH =7 to 8)			
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

Hydrocarbon detector model	EnMet Target Series, MOS detector

Location	MOS*	PID*	FID*
Not applicable			

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

Notes

Some corrosion visible on interior drains, not consistent with controlled substance activities. No corrosion visible that was consistent with controlled substance activities.

Pre-Remediation Photograph Log Sheet

FACTs project name: 2275 Grape Street	Form # ML8
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

First video clip (titled “Walkthrough”) abruptly ended without the knowledge of the operator. However, still photographs exist for all locations.

Name	Date taken
Ante room	11/3/2009 12:57
Ante room (2)	11/3/2009 12:57
Ante room (3)	11/3/2009 12:57
Ante room (4)	11/3/2009 12:57
Ante room (5)	11/3/2009 12:57
Ante room (6)	11/3/2009 12:57
Ante room (7)	11/3/2009 12:57
Ante room (8)	11/3/2009 12:57
Attic 1 (2)	11/3/2009 15:00
Attic 1 (3)	11/3/2009 15:00
Attic 1 (4)	11/3/2009 15:00
Attic 1 (5)	11/3/2009 15:00
Attic 1 (6)	11/3/2009 15:01
Attic 1 (7)	11/3/2009 15:05
Attic 1 (8)	11/3/2009 15:05
Attic 1 (9)	11/3/2009 15:05
Attic 1	11/3/2009 15:00
Attic 2 (2)	11/3/2009 14:45
Attic 2 (3)	11/3/2009 14:45
Attic 2 (4)	11/3/2009 14:45
Attic 2 (5)	11/3/2009 14:45
Attic 2	11/3/2009 14:44
Bathroom 1 (2)	11/3/2009 12:16
Bathroom 1 (3)	11/3/2009 12:16
Bathroom 1 (4)	11/3/2009 12:17

Name	Date taken
Bathroom 1	11/3/2009 12:16
Bathroom 2 (2)	11/3/2009 12:58
Bathroom 2 (3)	11/3/2009 12:59
Bathroom 2 (4)	11/3/2009 12:59
Bathroom 2 (5)	11/3/2009 12:59
Bathroom 2 (6)	11/3/2009 12:59
Bathroom 2	11/3/2009 12:58
Bathroom 3 (2)	11/3/2009 12:51
Bathroom 3 (3)	11/3/2009 12:51
Bathroom 3 (4)	11/3/2009 12:51
Bathroom 3 (5)	11/3/2009 12:51
Bathroom 3	11/3/2009 12:51
Bedroom 1 (2)	11/3/2009 12:15
Bedroom 1 (3)	11/3/2009 12:15
Bedroom 1 (4)	11/3/2009 12:15
Bedroom 1 (5)	11/3/2009 12:15
Bedroom 1 (6)	11/3/2009 12:15
Bedroom 1 (7)	11/3/2009 12:15
Bedroom 1 (8)	11/3/2009 12:16
Bedroom 1 (9)	11/3/2009 12:16
Bedroom 1 (10)	11/3/2009 12:16
Bedroom 1 (11)	11/3/2009 12:16
Bedroom 1 (12)	11/3/2009 12:16
Bedroom 1 (13)	11/3/2009 12:16
Bedroom 1 (14)	11/3/2009 12:16

PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name: 2275 Grape Street	Form # ML8
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Name	Date taken
Bedroom 1 (15)	11/3/2009 12:17
Bedroom 1	11/3/2009 12:15
Bedroom 2 (2)	11/3/2009 12:58
Bedroom 2 (3)	11/3/2009 12:58
Bedroom 2 (4)	11/3/2009 12:58
Bedroom 2 (5)	11/3/2009 12:58
Bedroom 2 (6)	11/3/2009 12:58
Bedroom 2 (7)	11/3/2009 12:58
Bedroom 2 (8)	11/3/2009 12:58
Bedroom 2	11/3/2009 12:58
Bedroom 3 (2)	11/3/2009 12:52
Bedroom 3 (3)	11/3/2009 12:52
Bedroom 3 (4)	11/3/2009 12:52
Bedroom 3 (5)	11/3/2009 12:52
Bedroom 3 (6)	11/3/2009 12:52
Bedroom 3 (7)	11/3/2009 12:52
Bedroom 3 (8)	11/3/2009 12:52
Bedroom 3 (9)	11/3/2009 12:52
Bedroom 3	11/3/2009 12:51
Cellar area	11/3/2009 12:59
Cellar area (2)	11/3/2009 12:59
Cellar area (3)	11/3/2009 13:00
Cellar area (4)	11/3/2009 13:00
Cellar area (5)	11/3/2009 13:00
Cellar area (6)	11/3/2009 13:00

Name	Date taken
Cellar area (7)	11/3/2009 13:00
Cellar area (8)	11/3/2009 13:00
Cellar area (9)	11/3/2009 13:00
Cellar area (10)	11/3/2009 13:00
Cellar area (11)	11/3/2009 13:01
Cellar area (12)	11/3/2009 13:01
Cellar area (13)	11/3/2009 13:01
Cellar area (14)	11/3/2009 13:01
Cellar area (15)	11/3/2009 13:01
Cellar area (16)	11/3/2009 13:01
Crawlspace 1 (2)	11/3/2009 12:24
Crawlspace 1 (3)	11/3/2009 12:24
Crawlspace 1 (4)	11/3/2009 12:25
Crawlspace 1 (5)	11/3/2009 12:25
Crawlspace 1 (6)	11/3/2009 12:25
Crawlspace 1 (7)	11/3/2009 12:25
Crawlspace 1 (8)	11/3/2009 12:30
Crawlspace 1 (9)	11/3/2009 12:30
Crawlspace 1	11/3/2009 12:18
Crawlspace 2 (2)	11/3/2009 12:38
Crawlspace 2 (3)	11/3/2009 12:38
Crawlspace 2 (4)	11/3/2009 12:38
Crawlspace 2 (5)	11/3/2009 12:38
Crawlspace 2 (6)	11/3/2009 12:38
Crawlspace 2 (7)	11/3/2009 12:38

Pre-Remediation Photograph Log Sheet

FACTs project name: 2275 Grape Street	Form # ML8
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Name	Date taken
Crawlspace 2 (8)	11/3/2009 13:00
Crawlspace 2 (9)	11/3/2009 13:01
Crawlspace 2	11/3/2009 12:38
Dining Room	11/3/2009 12:45
Dining Room (2)	11/3/2009 12:45
Dining Room (3)	11/3/2009 12:45
Exterior	11/3/2009 15:21
Exterior (2)	11/3/2009 12:07
Exterior (3)	11/3/2009 12:07
Exterior (4)	11/3/2009 12:07
Exterior (5)	11/3/2009 12:07
Exterior (6)	11/3/2009 15:17
Exterior (7)	11/3/2009 15:18
Exterior (8)	11/3/2009 15:18
Exterior (9)	11/3/2009 15:18
Exterior (10)	11/3/2009 15:18
Exterior (11)	11/3/2009 15:18
Exterior (12)	11/3/2009 15:19
Exterior (13)	11/3/2009 15:19
Exterior (14)	11/3/2009 15:19
Exterior (15)	11/3/2009 15:20
Exterior (16)	11/3/2009 15:20
Exterior (17)	11/3/2009 15:21
Exterior (18)	11/3/2009 15:21
Exterior (19)	11/3/2009 15:21

Name	Date taken
Exterior (20)	11/3/2009 15:19
Exterior (21)	11/3/2009 15:19
Exterior (22)	11/3/2009 15:19
Exterior (23)	11/3/2009 15:20
Foyer closet	11/3/2009 12:08
Furnace Room	11/3/2009 12:49
Furnace Room (2)	11/3/2009 12:49
Furnace Room (3)	11/3/2009 12:49
Furnace Room (4)	11/3/2009 12:49
Furnace Room (5)	11/3/2009 12:49
Furnace Room (6)	11/3/2009 12:49
Furnace Room (7)	11/3/2009 12:49
Garage	11/3/2009 12:50
Garage (2)	11/3/2009 12:50
Garage (3)	11/3/2009 12:50
Garage (4)	11/3/2009 12:50
Garage (5)	11/3/2009 12:50
Kitchen	11/3/2009 15:30
Kitchen (2)	11/3/2009 12:49
Kitchen (3)	11/3/2009 12:46
Kitchen (4)	11/3/2009 12:46
Kitchen (5)	11/3/2009 12:46
Kitchen (6)	11/3/2009 12:45
Kitchen (7)	11/3/2009 12:45
Kitchen (8)	11/3/2009 12:45

PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name: 2275 Grape Street	Form # ML8
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Name	Date taken
Kitchen (9)	11/3/2009 12:45
Kitchen (10)	11/3/2009 12:45
Kitchen (12)	11/3/2009 12:45
Ladder Decon	11/2/2009 12:12
Ladder Decon (2)	11/2/2009 12:28
Ladder Decon (3)	11/2/2009 12:28
Library	11/3/2009 12:09
Library (2)	11/3/2009 12:09
Library (3)	11/3/2009 12:09
Library (4)	11/3/2009 12:09
Library (5)	11/3/2009 12:15
Library (6)	11/3/2009 12:15
Library (7)	11/3/2009 12:15
Living room	11/3/2009 12:17
Living room (2)	11/3/2009 12:17
Living room (3)	11/3/2009 12:17
Living room (4)	11/3/2009 12:18
Living room (5)	11/3/2009 12:18
Living room (6)	11/3/2009 12:18
Living room (7)	11/3/2009 12:18
Living Room (8)	11/3/2009 12:44
Living Room (9)	11/3/2009 12:44
Living Room (10)	11/3/2009 12:44
Living Room (11)	11/3/2009 12:44
Living Room (12)	11/3/2009 12:44

Name	Date taken
Living room (13)	11/3/2009 12:07
Living room (14)	11/3/2009 12:07
Living room (15)	11/3/2009 12:08
Master Bathroom	11/3/2009 12:55
Master Bathroom (2)	11/3/2009 12:55
Master Bathroom (3)	11/3/2009 12:55
Master Bathroom (4)	11/3/2009 12:55
Master Bathroom (5)	11/3/2009 12:55
Master Bathroom (6)	11/3/2009 12:56
Master Bathroom (7)	11/3/2009 12:56
Master Bathroom (8)	11/3/2009 12:56
Master Bathroom (9)	11/3/2009 12:56
Master Bathroom (10)	11/3/2009 12:56
Master Bedroom	11/3/2009 12:53
Master Bedroom (2)	11/3/2009 12:53
Master Bedroom (3)	11/3/2009 12:53
Master Bedroom (4)	11/3/2009 12:53
Master Bedroom (5)	11/3/2009 12:53
Master Bedroom (6)	11/3/2009 12:53
Master Bedroom (7)	11/3/2009 12:54
Master Bedroom (8)	11/3/2009 12:54
Master Bedroom (9)	11/3/2009 12:54
Master Bedroom (10)	11/3/2009 12:54
Master Bedroom (11)	11/3/2009 12:54
Master Bedroom (12)	11/3/2009 12:54

Pre-Remediation Photograph Log Sheet

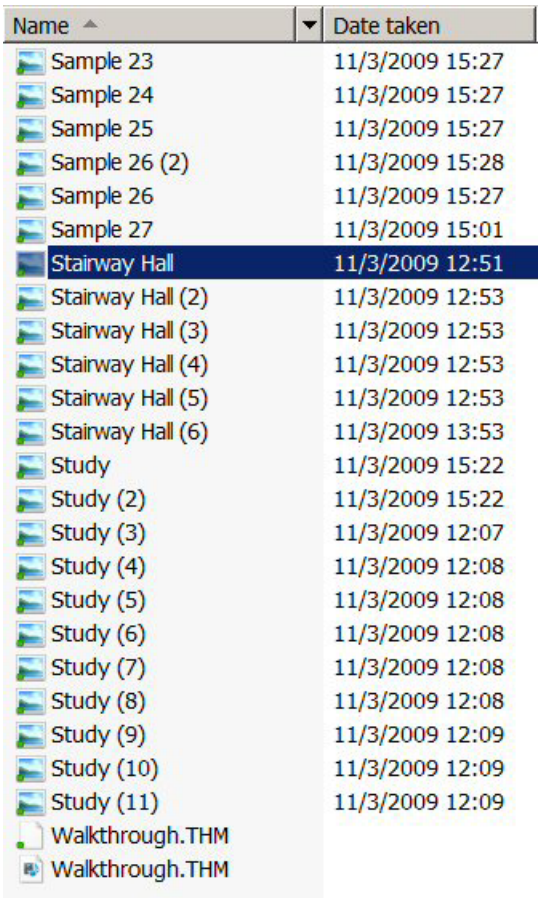
FACTs project name: 2275 Grape Street	Form # ML8
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Name	Date taken
Master Bedroom (13)	11/3/2009 12:54
Master Bedroom (14)	11/3/2009 12:54
Master Bedroom (15)	11/3/2009 12:54
Master Bedroom (16)	11/3/2009 12:55
Master Bedroom (17)	11/3/2009 12:55
Master Bedroom (18)	11/3/2009 12:55
Master Bedroom (19)	11/3/2009 12:55
Master Bedroom (20)	11/3/2009 12:56
Mud room	11/3/2009 12:49
Mud room (2)	11/3/2009 12:50
Mud room (3)	11/3/2009 12:50
Mud room (4)	11/3/2009 12:50
Mud room (5)	11/3/2009 12:50
Powder Bath	11/3/2009 12:44
Powder Bath (2)	11/3/2009 12:44
Powder Bath (3)	11/3/2009 12:44
Powder Bath (4)	11/3/2009 12:44
Sample 1 (2)	11/3/2009 12:30
Sample 1	11/3/2009 12:29
Sample 2 (2)	11/3/2009 12:40
Sample 2 (3)	11/3/2009 12:40
Sample 2	11/3/2009 12:40
Sample 4 (2)	11/3/2009 13:54
Sample 4 (3)	11/3/2009 13:54
Sample 4	11/3/2009 13:53

Name	Date taken
Sample 5	11/3/2009 15:22
Sample 6	11/3/2009 15:22
Sample 7	11/3/2009 15:23
Sample 8	11/3/2009 15:23
Sample 9	11/3/2009 15:23
Sample 10 (2)	11/3/2009 13:51
Sample 10 (3)	11/3/2009 13:51
Sample 10	11/3/2009 13:51
Sample 11	11/3/2009 15:24
Sample 12	11/3/2009 15:24
Sample 13	11/3/2009 14:45
Sample 15	11/3/2009 15:26
Sample 17	11/3/2009 15:29
Sample 18	11/3/2009 15:29
Sample 19	11/3/2009 15:29
Sample 20	11/3/2009 15:28
Sample 21	11/3/2009 15:26
Sample 23 (2)	11/3/2009 15:27
Sample 23	11/3/2009 15:27
Sample 24	11/3/2009 15:27
Sample 25	11/3/2009 15:27
Sample 26 (2)	11/3/2009 15:28
Sample 26	11/3/2009 15:27
Sample 27	11/3/2009 15:01
Stairway Hall	11/3/2009 12:51

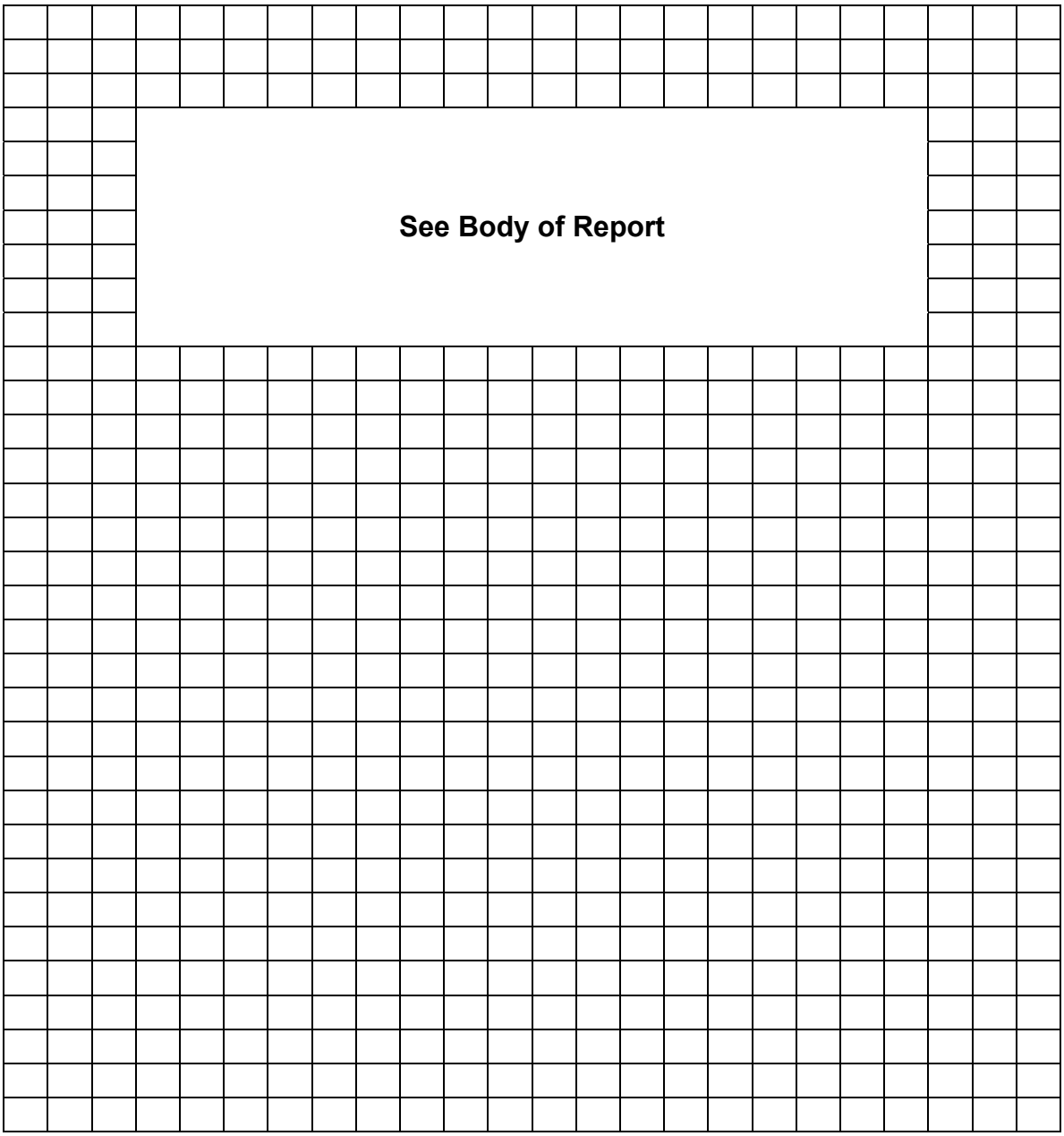
Pre-Remediation Photograph Log Sheet

FACTs project name: 2275 Grape Street	Form # ML8
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH



Drawing of Cook Area(s)

FACTs project name: 2275 Grape Street	Form # ML10
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH



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

Describe the area:_____

_____

_____

_____

Drawing of Storage/Disposal Area(s)

FACTs project name: 2275 Grape Street	Form # ML11
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

See Body of Report

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

Describe the area:_____

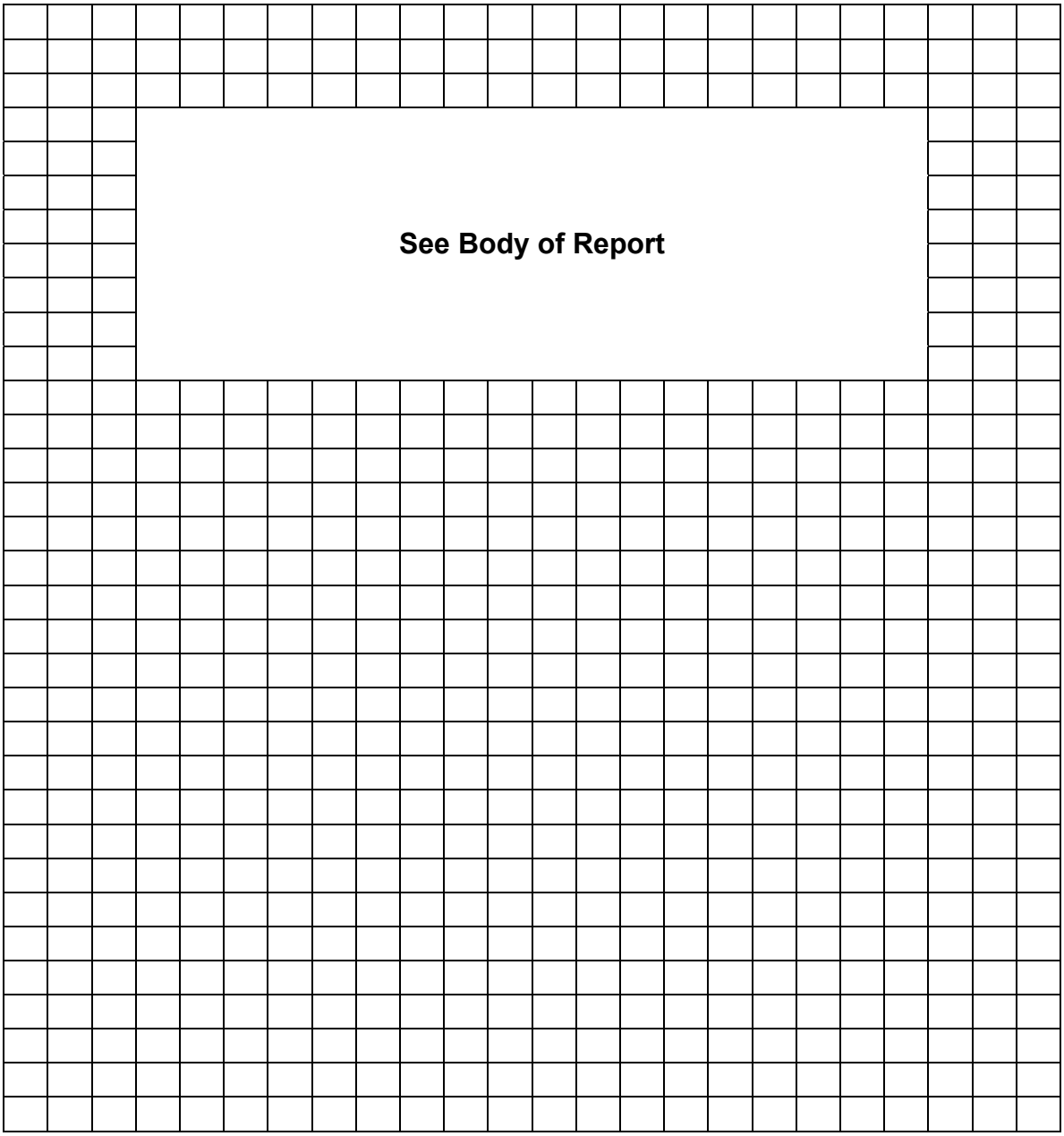
_____

_____

_____

Drawing of General Lab Area

FACTs project name: 2275 Grape Street	Form # ML12
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH



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

Describe the area:_____

_____

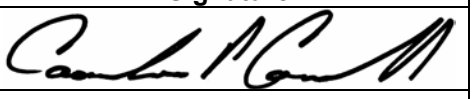
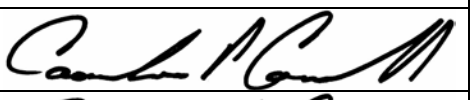
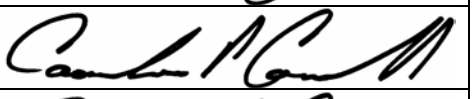
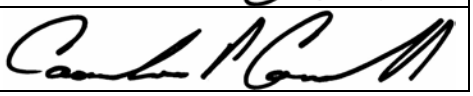
_____

_____

CERTIFICATION, VARIATIONS AND SIGNATURE SHEET

FACTs project name: 2275 Grape Street	**Form # ML14**
Date: November 18, 2009	
Reporting IH:	**Caoimhín P. Connell, Forensic IH**

Certification

Statement	Signature
I do hereby certify that I conducted a preliminary assessment of the subject property in accordance with 6 CCR 1014-3, § 4.	
I do hereby certify that the property has been decontaminated in accordance with the procedures set forth in 6 CCR 1014-3, § 5.	Not Applicable
I do hereby certify that I conducted post-decontamination clearance sampling in accordance with 6 CCR 1014-3, §6.	
I do hereby certify that the cleanup standards established by 6 CCR 1014-3, § 7 have been met as evidenced by testing I conducted.	
I do hereby certify that the analytical results reported here are faithfully reproduced.	

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

.

1) See the discussion on Functional Space 2
2) See the discussion on Functional Space 19

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: November 18, 2009

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:	**Grape Street**	**Form # ML15**
Date: November 18, 2009		
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 over 200 hours of methlab training for officers of over 25 Colorado Police agencies, 20 Sheriff's Offices, federal agents, and probation and parole officers from the 2nd, 7th and 9th Colorado judicial districts. He has provided meth-lab lectures to prestigious organizations such as the County Sheriff's of Colorado, the American Industrial Hygiene Association, and the National Safety Council.

Mr. Connell is Colorado's only private consulting Industrial Hygienist certified by the Office of National Drug Control Policy High Intensity Drug Trafficking Area Clandestine Drug Lab Safety Program, and P.O.S.T. certified by the Colorado Department of Law (Certification Number B-10670); he is a member of the Colorado Drug Investigators Association, the American Industrial Hygiene Association, and the Occupational Hygiene Society of Ireland.

He has received over 120 hours of highly specialized law-enforcement sensitive training in meth-labs and clan-labs (including manufacturing and identification of booby-traps commonly found at meth-labs) through the Iowa National Guard/Midwest Counterdrug Training Center and the Florida National Guard/Multijurisdictional Counterdrug Task Force, St. Petersburg College as well as through the U.S. Bureau of Justice Assistance (US Dept. of Justice). Additionally, he received extensive training in the Colorado Revised Statutes, including Title 18, Article 18 "Uniform Controlled Substances Act of 1992."

Mr. Connell is also a current law enforcement officer in the State of Colorado, who has conducted clandestine laboratory investigations and performed risk, contamination, hazard and exposure assessments from both the law enforcement (criminal) perspective, and from the civil perspective in residences, apartments, motor vehicles, and condominia. Mr. Connell has conducted over 150 assessments in illegal drug labs, and collected approximately 1,200 samples during assessments (a detailed list of experience is available on the web at: http://forensic-applications.com/meth/DrugLabExperience2.pdf

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

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

FINAL DOCUMENTATION CHECKLIST

FACTs project name: 2275 Grape Street	Form # ML16
Date: November 18, 2009	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Mandatory Final Documents 6-CCR 1014-3	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	✓
	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	✓
	Analytical Laboratory Reports	✓
	FACTs Field Sampling Forms	✓

FINAL SAMPLING CHECKLIST

FACTs project name:	**Grape Street**	**Form # ML18**
Date: November 18, 2009		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Functional Space #	Collected 500 cm^2	General Sampling Considerations	
		Floor Space Area of Lab (ft^2)	**4,168**
1	**Yes**	One extra sample is required for every 500 ft^2 of floor space >1,500ft^2. Enter number of extra samples required:	**6**
2	**Yes**	Enter minimum number of final samples required based on floor space.	**11**
3	**Yes**	Enter Number of Functional Spaces to be included	**22**
4	**Yes**	Enter the minimum number of sample required based on the number of functional spaces	**22**
5	**Yes**	Is the lab a motor vehicle?	**No**
6	**Yes**	Does the lab contain motor vehicles?	**No**
7	**Yes**	Enter number of motor vehicles associated with the lab:	**0**
8	**Yes**	Are the vehicles considered functional spaces of the lab?	**NA**
9	**Yes**	For vehicles that are merely functional spaces, one extra 500 cm^2 sample is required for each vehicle. Enter the number of extra samples for functional space vehicles:	**0**
10	**Yes**	Enter number of large vehicles (campers, trailers, etc)	**0**
11	**Yes**	One extra sample is required for every 50 ft^2 of floor space of large vehicles. Enter number of extra samples required:	**0**
12	**Yes**	Enter total number of samples to be collected.	**22**
13	**Yes**	One BX must be included for every 10 samples. Enter the number of BX required.	**3**
14	**Yes**	Enter total number of samples/BXs required	**25**
16	**Yes**	Enter total number of samples/BXs actually collected	**28**
17	**Yes**	Collected a minimum of 5 samples from the lab?	**Yes**
18	**Yes**	Collected a minimum of 3 discrete samples from the lab?	**Yes**
19/20	**Yes**	Collected minimum of 500 cm^2 per functional space?	**Yes**
21	**Yes**	Collected minimum of 1,000 cm^2 surface area from the lab?	**Yes**
22	**Yes**	Sketch of the sample locations performed?	**Yes**
23	**Yes**		

Appendix B

Analytical Reports for FACTs Samples

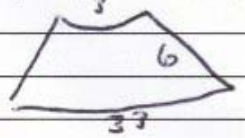
SAMPLING FIELD FORM

FACTs project name: Grape Street	Form # ML17
Date: November 3, 2009	Alcohol Lot#: AØ8Ø1 Gauze Lot#: GØ9Ø3
Reporting IH: Caoimhín P. Connell, Forensic IH	Preliminary X Intermediate____ Final X

Sample ID GM11Ø3Ø9-	Type	Area/ Volume/ Weight	Location	Func. Space	Dimensions	Substrate	Result
-Ø1	W		CRAWLSPACE #1 TOP of DUCT	2	13"x 7½"	M	
-Ø2	W		CRAWLSPACE #2 TOP of PVC PIPE	15	2" x 48"	P	
-Ø3	W		BX	—	—	—	
-Ø4	W		LIVING ROOM CEILING FAN (N.E.) BLADE	1	(10"x4") x2	LW	
-Ø5	W		STUDY RETURN GRILLE	2	(5x5) x4	M	
-Ø6	W		LIBRARY S. WALL UPPER S.E. CORNER	3	9"x 9"	PDW	
-Ø7	W		BEDROOM #1 N. WALL N.E. CORNER	4	9"x 9"	PDW	
-Ø8	W		BATHROOM #1 LIGHT FIXTURE	5	82 IN²	M	
-Ø9	W		POWDER BATH LIGHT FIXTURE	6	80 IN²	M	
-1Ø	W		DINING ROOM CHAIR RAIL	7	½" x 160"	W	
-11	W		MUD ROOM SOUTH WALL (CENTER)	8	9"x 9"	PDW	
-12	W		GARAGE TOP of LIGHT COVER	9	(1x 24") x4	PI	
-13	W		ATTIC #2 TOP of EXHAUST FAN	23	NOTE 1	PI	
-14	W		BX	NA		—	
-15	W		FURNACE/LAUNDRY TOP of CABINETS	9x9		LW	

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

NOTE #1 DOMED SURFACE - TREATED AS a TRAPEZOID



SAMPLING FIELD FORM

FACTs project name: Grape Street	**Form # ML17**
Date: November 3, 2009	**Alcohol Lot#: AØ8Ø1 Gauze Lot#: GØ9Ø3**
Reporting IH: Caoimhín P. Connell, Forensic IH	**Preliminary X Intermediate____ Final X**

Sample ID GM11Ø3Ø9-	Type	Area/ Volume/ Weight	Location	Func. Space	Dimensions	Substrate	Result
-16	W		FURNACE ROOM - FURNACE INTERIOR	NA	4½ x 18"	M	
-17	W		ANTEROOM N. FOUNDATION LEDGE	11	9 x 9	PDW	
-18	W		BEDROOM #2 N. FOUNDATION LEDGE	12	3" x 30"	P DW	
-19	W		BATHROOM #2 EXHAUST FAN	13	9" x 9"	Pl (NOTE 2)	
-20	W		CELLAR - S. PVC DRAIN PIPE	14	4½" x 18"	Pl (NOTE 3)	
-21	W		BATHROOM #3 EXHAUST FAN	16	9 x 9	Pl	
-22	W		RX	—	—		
-23	W		BEDROOM # 3 TOP of DOOR JAMBS	17	(½ x 129) + (4x4)	PW (NOTE 4)	
-24	W		STAIR HALLWAY - N. LIGHT FIXTURE	18	9 x 9	GLASS	
-25	W		MASTER BEDROOM LIGHT FIXTURE	19	(4½ x 4½) x 2	GLASS	
-26	W		MASTR BATH TOP of DOOR JAMBS	20	(¾ x 98") + (4x4)	PW	
-27	W		ATTIC #1 ELECTRICAL JUNCTION BOX	22	(4x8) + (8½ x 8½)	PM	
-28	W		STUDY - INTERIOR DUCTS	NA	(6x4) + (9x6)	M	

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

NOTE 2: UNDERSAMPLED BY ~30%
NOTE 3: " " " " ~5%
NOTE 4: INCLUDED PORTION of VERTICAL SURFACE

ANALYTICAL CHEMISTRY INC.

Established in 1979

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

Website: www.acilabs.com

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

Lab Reference:	09177-04, page 1 of 2
Date Received:	November 9, 2009
Date Completed:	November 11, 2009

November 11, 2009

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

CLIENT REF: Grape Street

SAMPLES: wipes/28

ANALYSIS: Methamphetamine by Gas Chromatography-Mass Spectrometry.

RESULTS: in total micrograms (ug)

Sample	*Methamphetamine, ug*	*% Surrogate Recovery*
GM11030901	0.034	90
GM11030902	0.371	93
GM11030903	< 0.030	92
GM11030904	0.089	95
GM11030905	1.90	106
GM11030906	< 0.030	99
GM11030907	< 0.030	98
GM11030908	0.049	95
GM11030909	0.203	100
GM11030910	0.158	95
GM11030911	< 0.030	98
GM11030912	< 0.030	94
GM11030913	< 0.030	95
GM11030914	< 0.030	99
GM11030915	0.242	101

Lab Reference:	09177-04, page 2 of 2
Date Received:	November 9, 2009

RESULTS: in total micrograms (ug)

Sample	Methamphetamine, ug	% Surrogate Recovery
GM11030916	0.144	102
GM11030917	0.034	100
GM11030918	< 0.030	101
GM11030919	0.050	102
GM11030920	1.98	101
GM11030921	< 0.030	97
GM11030922	< 0.030	105
GM11030923	0.070	98
GM11030924	0.097	99
GM11030925	< 0.030	95
GM11030926	0.037	99
GM11030927	< 0.030	101
GM11030928	0.036	96
QA/QC Method Blank	< 0.004	
QC 10.0 ug Standard	10.0	
QA 0.020 ug Matrix Spike	0.019	
QA 0.020 ug Matrix Spike Duplicate	0.020	
Method Detection Limit (MDL)	0.004	
Practical Quantitation Limit (PQL)	0.030	

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

Robert M. Orheim
Director of Laboratories

ANALYTICAL CHEMISTRY INC.

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

CDL SAMPLING & CUSTODY FORM

Please do not write in shaded areas.

SAMPLING DATE:	November 3, 2009	REPORT TO:	Caoimhín P. Connell
PROJECT Name/No:	Grape Street	COMPANY:	Forensic Applications, Inc.
eMail:	Fiosrach@aol.com	ADDRESS:	185 Bounty Hunters Lane, Bailey, CO 80421
SAMPLER NAME:	Caoimhín P. Connell	PHONE	303-903-7494

ANALYSIS REQUESTED

1	Methamphetamine
2	Use entire contents
3	
4	
5	
6	Not Submitted

LAB Number	Sample Number	SAMPLE MATRIX			ANALYSIS REQUESTS						SAMPLER COMMENTS	LAB COMMENTS	No of Containers
		Wipe	Vacuum	Other	1	2	3	4	5	6			
	GM11Ø3Ø9-Ø1	W			X	X							1
	GM11Ø3Ø9-Ø2	W			X	X							1
	GM11Ø3Ø9-Ø3	W			X	X							1
	GM11Ø3Ø9-Ø4	W			X	X							1
	GM11Ø3Ø9-Ø5	W			X	X							1
	GM11Ø3Ø9-Ø6	W			X	X							1
	GM11Ø3Ø9-Ø7	W			X	X							1
	GM11Ø3Ø9-Ø8	W			X	X							1
	GM11Ø3Ø9-Ø9	W			X	X							1
	GM11Ø3Ø9-1Ø	W			X	X							1

CHAIN OF CUSTODY RECORD

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

Total Number of Containers (verified by laboratory): 10

PRINT NAME	Signature	COMPANY	DATE	TIME	Turnaround Time
Caoimhín P. Connell		FACTs, Inc.	11/4/09	11:30	☐ 24 Hours (2X)
MIA SAZON		ACI	11/9/09	1430	☐ 2 Days (1.75X)
					☐ 3 Days (1.5X)
					☒ Routine

Custody Seals:	Yes	No
Container:	Intact	Broken
Temperature:	Ambient	Cooled
Inspected By:	MIA SAZON	
Lab File No.	09177-04	

ANALYTICAL CHEMISTRY INC.

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Website: www.acilabs.com
Phone: 206-622-8353
FAX: 206-622-4623

CDL SAMPLING & CUSTODY FORM

Please do not write in shaded areas.

				ANALYSIS REQUESTED	
SAMPLING DATE:	November 3, 2009	REPORT TO:	Caoimhín P. Connell	1	Methamphetamine
PROJECT Name/No:	Grape Street	COMPANY:	Forensic Applications, Inc.	2	Use entire contents
eMail:	Fiosrach@aol.com	ADDRESS:	185 Bounty Hunters Lane, Bailey, CO 80421	3	
SAMPLER NAME:	Caoimhín P. Connell	PHONE	303-903-7494	4	
				5	
				6	Not Submitted

LAB Number	Sample Number	SAMPLE MATRIX			ANALYSIS REQUESTS						SAMPLER COMMENTS	LAB COMMENTS	No of Containers
		Wipe	Vacuum	Other	1	2	3	4	5	6			
	GM11Ø3Ø9-11	W			X	X							1
	GM11Ø3Ø9-12	W			X	X							1
	GM11Ø3Ø9-13	W			X	X							1
	GM11Ø3Ø9-14	W			X	X							1
	GM11Ø3Ø9-15	W			X	X							1
	GM11Ø3Ø9-16	W			X	X							1
	GM11Ø3Ø9-17	W			X	X							1
	GM11Ø3Ø9-18	W			X	X							1
	GM11Ø3Ø9-19	W			X	X							1
	GM11Ø3Ø9-2Ø	W			X	X							1

CHAIN OF CUSTODY RECORD

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

Total Number of Containers (verified by laboratory): 10

PRINT NAME	Signature	COMPANY	DATE	TIME	Turnaround Time
Caoimhín P. Connell		FACTs, Inc.	11/4/09	11:30	☐ 24 Hours (2X)
MIA SAZON		ACI	11/9/09	1430	☐ 2 Days (1.75X)
					☐ 3 Days (1.5X)
					☒ Routine

Custody Seals:	Yes	No
Container:	Intact	Broken
Temperature:	Ambient	Cooled
Inspected By:	MIA SAZON	
Lab File No.	09177-04	

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CDL SAMPLING & CUSTODY FORM

Please do not write in shaded areas.

				ANALYSIS REQUESTED	
SAMPLING DATE:	November 3, 2009	REPORT TO:	Caoimhín P. Connell	1	Methamphetamine
PROJECT Name/No:	Grape Street	COMPANY:	Forensic Applications, Inc.	2	Use entire contents
eMail:	Fiosrach@aol.com	ADDRESS:	185 Bounty Hunters Lane, Bailey, CO 80421	3	
SAMPLER NAME:	Caoimhín P. Connell	PHONE	303-903-7494	4	
				5	
				6	Not Submitted

LAB Number	Sample Number	SAMPLE MATRIX			ANALYSIS REQUESTS						SAMPLER COMMENTS	LAB COMMENTS	No of Containers
		Wipe	Vacuum	Other	1	2	3	4	5	6			
	GM11Ø3Ø9-21	W			X	X							1
	GM11Ø3Ø9-22	W			X	X							1
	GM11Ø3Ø9-23	W			X	X							1
	GM11Ø3Ø9-24	W			X	X							1
	GM11Ø3Ø9-25	W			X	X							1
	GM11Ø3Ø9-26	W			X	X							1
	GM11Ø3Ø9-27	W			X	X							1
	GM11Ø3Ø9-28	W			X	X							1

CHAIN OF CUSTODY RECORD — **Wipes Results in:** ☐ µg/100cm² ☒ Total µg — **Total Number of Containers** (verified by laboratory): 8

PRINT NAME	Signature	COMPANY	DATE	TIME	Turnaround Time
Caoimhín P. Connell		FACTs, Inc.	11/4/09	11:30	☐ 24 Hours (2X)
MIA SAZON		ACI	11/9/09	1430	☐ 2 Days (1.75X)
					☐ 3 Days (1.5X)
					☒ Routine

Custody Seals:	Yes	No
Container:	Intact	Broken
Temperature:	Ambient	Cooled
Inspected By:	MIA SAZON	
Lab File No.	09177-04	

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)