FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

Preliminary Assessment of an Identified Illegal Drug Laboratory 2336 W County Road 60 E Fort Collins, CO 80521

Prepared for:

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EXECUTIVE SUMMARY

On or about September 23, 2005, members of the Larimer County Drug Task Force (LCDTF) responded to 2336 W County Road 60 E, Fort Collins, Colorado (the subject property), subsequent to a report of possible methamphetamine (meth) related activities at the subject property.

Based on our discussions with members of the on-scene Law Enforcement team and a review of available law enforcement documents, Forensic Applications Consulting Technologies, Inc. (FACTs) has determined that definitive indicators of methamphetamine activity were located at the property. Pursuant to Colorado State regulations, [1] a "Preliminary Assessment" of an illegal drug lab must be performed to characterize extant contamination (if any), and to direct appropriate decontamination procedures (if any). This document, and all associated appendices, CD disc and photographs, is the "Preliminary Assessment" pursuant to those regulations.

This preliminary assessment confirmed widespread and significant contamination throughout the entire residential structure including the garage and all personal items contained in the house, and all items contained in the garage, and the heating system in the residential structure including all associated ductwork. Quantitative sampling confirmed the presence of widespread methamphetamine contamination at the subject property, and confirmed the subject property was an "illegal drug laboratory" as that term is defined in Colorado Revised Statutes (CRS) §25-18.5-101.

Pursuant to CRS §25-18.5-105, the subject property is deemed a "public health nuisance." Pursuant to CRS §16-13-303, the subject property and all of its contents is deemed a Class 1 Public Nuisance. As such, the subject property must be remediated according to State Board of Health regulations 6-CCR-1014-3 or demolished (CRS §25-18.5-103).

Based on our objective data, the entire occupiable structure (including the garage) and all contents contained in the primary structure and the garage, will require full decontamination and/or disposal by a qualified contractor. The furnace system and all associated ductwork must be decontaminated by a qualified, trained, experienced[2] contractor or the furnace system must be entirely removed and/or replaced.

We observed that several violations of State statutes, and State regulations occurred at the property. Specifically:

1) Contrary to 6 CCR 1014-3, (§§5.8.1. and 5.8.2) personal items had been removed from the property without required testing.

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[1] State Board Of Health *Regulations Pertaining To The Cleanup Of Methamphetamine Laboratories* 6 CCR 1014-3.

[2] 6 CCR 1014-3, Mandatory Appendix C

2) Contrary to Colorado Revised Statutes (CRS) §25-18.5-103(3), items that were removed from the property were not secured to prevent exposing another person to any toxic or hazardous chemicals until the property and debris is appropriately discarded or cleaned and tested according to board rules.

3) Contrary to CRS §25-18.5-104, unauthorized entry occurred onto the property.

4) Contrary to CRS 25-18.5-103 and 6 CCR 1014-3(4.), unauthorized decontamination and cleaning occurred at the property in the absence of a Preliminary Assessment.

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).

REGULATORY REQUIREMENTS

Preliminary Assessment

According to Colorado State Regulation 6-CCR 1014-3, following the discovery of an illegal drug lab, as that term is defined in CRS §25-18.5-101, and following "notification," a "Preliminary Assessment" must be conducted at that property. The preliminary assessment must be made according to specified requirements[3] by an authorized Industrial Hygienist as that term is defined in CRS §24-30-1402.

Discovery and notification occurred on September 23, 2005 when members of the LCDTF responded to the subject property. From that point forward, the requirements of CRS §25-18.5 and 6-CCR 1014-3 were in effect.

During the preliminary assessment, the hypothesis is made that the subject area is clean and data will be collected to find support for this hypothesis. Any reliable data that disproves the hypothesis, including police records, visual clues of illegal production, 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.[4] 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 or waste products as related to processing.

Sampling, if it is performed at all, is conducted in the areas with the highest probability of containing the highest possible concentrations of contaminants. According to the State regulations:[5]

[3] Section 4 of 6 CCR 1014-3
[4] This language and emphasis is verbatim from Appendix A (mandatory) of 6 CCR 1014-3
[5] Section 4.6 of 6 CCR 1014-3

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

Pursuant to these regulations, information obtained in the preliminary assessment and those findings enter the public domain, and are not subject to confidentiality.[6]

If the Industrial Hygienist performing the assessment finds *evidence* of contamination, the subject property owner is required to either remediate the subject property or demolish the subject property.[7]

After the subject property has been remediated, an Industrial Hygienist must again perform sampling to quantify the remaining contamination and/or verify that the remediation has reduced the contamination in the subject property to below statutory limits. The second phase of sampling is based on a different hypothesis test, wherein the Industrial Hygienist presumes the property is non-compliant and must attempt to *prove* the property is non-compliant. If, based on the totality of the circumstances, the Industrial Hygienist fails to find sufficient evidence to support the hypothesis of non-compliance, that area shall be deemed to be compliant and the Industrial Hygienist shall issue a decision statement releasing the subject property. Contrary to public misconception, the decision statement is not based exclusively on sampling results, however, 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.[8]

Initial Statement on Hypothesis Testing

Regarding this subject property, information existed that challenged the hypothesis that contamination was absent from all portions of the subject property. Based on the totality of circumstances, including objective sampling, we were unable to support the initial hypothesis and, therefore, we accept the null hypothesis and declare all items and the primary residence and associated garage structure on the subject property as non-compliant.

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:

[6] Section 8.26 of 6 CCR 1014-3
[7] Colorado Revised Statutes §25-18.5-103
[8] No guarantee is ever made or implied that the subject property is completely free of contamination. Rather, a reasonable, standardized approach to decontamination is executed.

Form	DOCUMENT	Included
ML1- App. A	FACTs Property description field form	
ML2- App. A	Plumbing inspection field form (plumbing system integrity and identification of sewage disposal mechanism)	
ML2- App. A	Ventilation inspection	
ML3- App. A	FACTs Functional space inventory field form	
ML4- App. A	FACTs Law Enforcement documentation field form	
ML5- App. A	FACTs Field Observations field forms	
ML6- App. A	FACTs Contamination migration field form Fig. 1 Body of Report	
ML7- App. A	FACTs ISDS field form	
CD	FACTs Pre-remediation photographs	
ML8- App. A	FACTs Pre-remediation photograph log sheet field form	
Report	FACTs Drawing of Cook area(s) field form	
Report	FACTs Drawing of Storage area(s) field form	
Report	FACTs Drawing of Waste area(s) field form	
Report	FACTs Drawing General site field form	
Report	FACTs description sampling procedures, handling, and QA/QC	
Report	FACTs health and safety procedures used in accordance with OSHA	
Report	FACTs Analytical Laboratory Documentation Form	
ML14- App. A	FACTs Certification of procedures, results, and variations from standard practices.	
ML15- App. A	FACTs SOQs	
Appendix D/B	FACTs Analytical Laboratory Reports	
NA	Available Law Enforcement documents – (Law Enforcement Sensitive; interviewed LEOs but documents not included)	
ML18- App. A	FACTs Field Data Sheets	
CD	A description of the analytical methods used and laboratory QA/QC requirements.	

Table 1
Inventory of Mandatory Information

Chattels, Out Buildings, and Land

Pursuant to State regulations, "Property" means anything that may be the subject of ownership or possession, including, but not limited to, land, buildings, structures, vehicles and personal belongings. Further, pursuant to Colorado Revised Statutes §25-18.5-101, the definition of a "drug laboratory" includes all proximate areas that are likely to be contaminated as a result of manufacturing, processing, cooking, disposing, or storing.

Personal Belongings

Upon our arrival, in violation of State Regulations and statutes, we found each of the buildings on the property virtually emptied of contents. Pursuant to Colorado Regulations:[9]

[9] 6 CCR 1014-3

§5.8.1 Personal property must either be decontaminated to the cleanup levels specified in section 7.0 of this regulation, or properly disposed in accordance with these regulations.

§5.8.2 Personal property that will not be disposed of must be sampled in accordance with procedures described in Appendix A of this regulation. Discrete samples must be collected from each individual item, except as provided in 5.8.3.

Pursuant to CRS §25-18.5-103:

§(3) A person who removes personal property or debris from a drug laboratory shall secure the property and debris to prevent theft or exposing another person to any toxic or hazardous chemicals until the property and debris is appropriately disposed of or cleaned according to board rules.

We found none of the mandatory records that would document that items removed from the property were secured to prevent exposing another person to any toxic or hazardous chemicals or had been tested according to board rules.

Included with this discussion is a read-only Compact Digital disc (CD). The CD contains mandatory information and photographs required by State regulation for a preliminary assessment. Also included with this assessment is all pertinent documentation associated with the assessment. This Preliminary Assessment is not complete without the CD and all associated support documents.

Review of Law Enforcement Documentation

As part of the Preliminary Assessment, FACTs is required by regulation[10] to review available law enforcement documents pertinent to a subject property. During this project, the Larimer County Drug Task Force and the Fort Collins Police Services exhibited the highest level of professionalism and cooperated in every way with the requirements of our Preliminary Assessment.

We interviewed agents associated with the case, and discussed information contained in the Law Enforcement documents. As part of our assessment, we reviewed several of the pertinent narratives and case reports.

Governing Body

We were informed by the Larimer County Building Department that the Larimer County Sheriff's Office is the "Governing Body" as defined in CRS §25-18.5-101.

We were also provided a copy of the Larimer County Building Department "Methamphetamine Cleanup Procedures" which we have found to be contrary to the language and intent of both the current State Statutes and State Regulations and which are unlikely to withstand civil challenge. We have provided a discussion of how the Larimer County Building Department "Methamphetamine Cleanup Procedures" are inconsistent with State statutes and State regulations in Appendix C.

[10] 6 CCR 1014-3 (Section 4.2)

As such, based on our obligations to follow State regulations and State statutes, we have conducted our work pursuant to mandatory State requirements, the Larimer County Building Department policies, notwithstanding. A copy of this Preliminary Assessment has been forwarded to the Governing Body, by FACTs, on behalf of the property owner.

Visual Inspection of the Property

As part of our preliminary assessment, on October 6, 2006, 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.

In general, upon our arrival, we found the security of the subject property intact. Upon our arrival, all ground floor doors to the residence at the subject property were locked.

The property was virtually emptied of all chattels, furniture, and major appliances. The space heater and ventilation system in Building 1 was not in place.

In general, there were five structures on the property which were included in the assessment. The general layout of the structures is given in the drawing below; the spatial separation of the structures is roughly proportional and accurate.

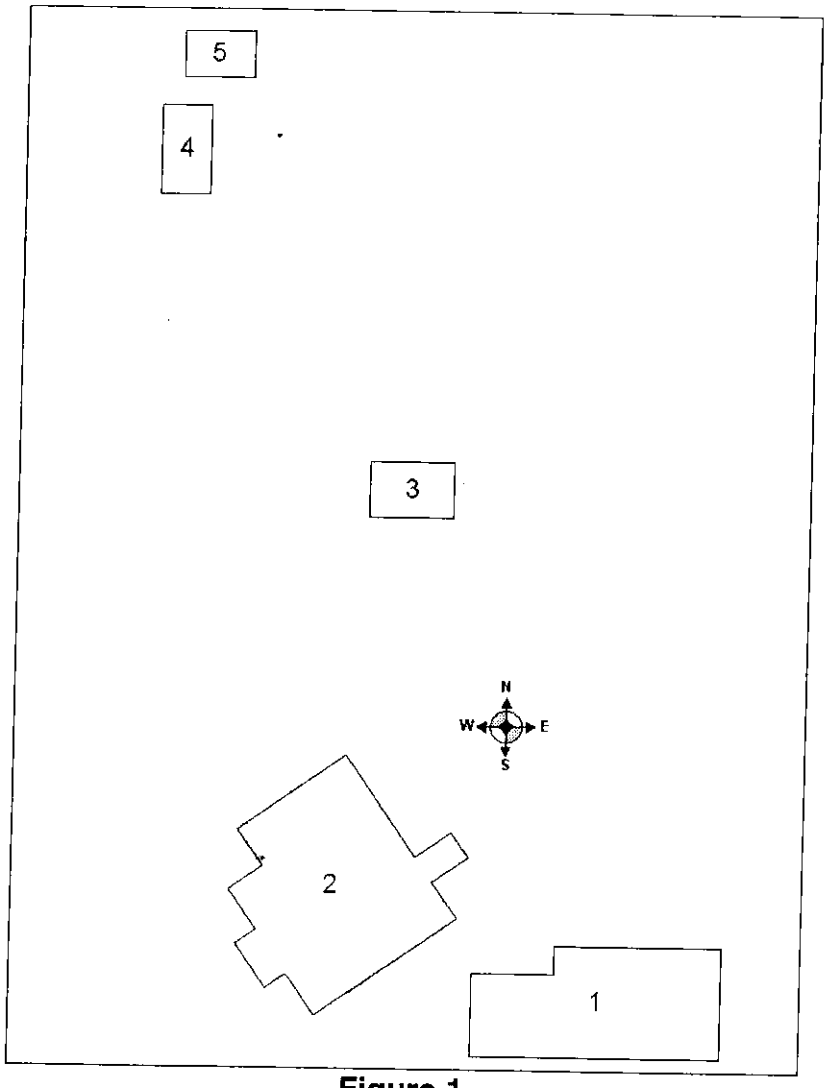

Figure 1
Structure Locations – Not to Scale

To protect against the introduction of contaminants into the subject property, the Industrial Hygienist and his Technician donned fresh Tyvek® suits and booties upon entering the property. All equipment brought into the subject property was staged at or near the front door of each structure entered.

Sample Collection

Although State regulation does not require samples to be collected during a Preliminary Assessment, given the limited amount of visual indicators, we collected samples from the subject property in an effort to support the initial hypothesis, and if applicable pending sample results, to support the second hypothesis as well. We collected three types of samples: 1) wipe samples, 2) vacuum samples, 3) screening samples. Selected wipe samples and vacuum samples were submitted for analysis to Analytical Chemistry Inc. in Tukwila, Washington. Selected wipe samples were archived pending the results of the initial suite of samples. The screening samples were measured *in situ.*

We collected our samples in such a manner that if remediation was not required, the sampling would constitute final verification sampling. For that reason, we have included the Decision Threshold that would have been applied if the subject property did not require remediation.

Wipe Samples

Wipe samples were collected in a manner consistent with State regulations. The wipe sample medium was individually wrapped commercially available Johnson & Johnson™ gauze pads. 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 Safeway™ brand USP 70% isopropyl alcohol. Each batch of alcohol was assigned a lot number for QA/QC purposes and recorded on a log of results.

The sampling media were prepared in small batches in a clean environment (FACTs Corporate Offices). The sample media were inserted into individually identified disposable polyethylene centrifuge tubes with caps. For QA/QC purposes, a field blank was randomly selected from the batch, randomly inserted in the sampling sequence and submitted along with the samples for methamphetamine analysis. To ensure the integrity of the blank, FACTs personnel were unaware, until the actual time of sampling, which specific sample would be submitted as a blank. To ensure the integrity of the blanks, laboratory personnel were not informed which specific sample was a blank. The history of the FACTs field blank media has demonstrated a media and solvent contamination level below the analytical detection limit for the method. For the purposes of the data quality objectives associated with this Preliminary Assessment, no duplicates were required, and none were collected.

Prior to the collection of each specific sample area, the Industrial Hygienist donned fresh surgical gloves, to protect against the possibility of cross contamination.

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.

Vacuum Samples

The vacuum sample was collected in accordance with standard industrial hygiene microvacuum sampling procedures.[11] After an area had been selected and measured, a commercially available 25 mm diameter extended-cowel cassette fitted with mixed cellulose ester (MCE) membrane was attached to a commercially available personal

[11] For example, see ASTM Method D 5756-02

sampling industrial hygiene pump. The pump was adjusted to draw approximately four liters of air per minute with a back pressure of approximately two inches of water column. The cassette was opened to present an "open face" and the selected area was vacuumed with the cassette. Prior to the collection of the sample, the Industrial Hygienist donned fresh surgical gloves, to protect against the possibility of cross contamination.

The cassette was sealed and secured with a strip of duct tape for shipping to the laboratory.

Screening Samples

As part of our assessment of the Individual Sewer and Disposal System (ISDS), we performed screening of the soils in the area suspected of overlying the septic tank and leach field. At specific depth intervals, portions of the soils were placed into zip-lock plastic bags and placed in the sun to warm the contents. The outdoor air temperature at the time of our visit was 80°F. After approximately 15 minutes, a small hose was plumbed into the plastic bag, and an aliquot of air was drawn into an MOS hydrocarbon sensor for measurement. The reading was recorded and the samples were discarded.

Collection Rationale

The samples that were collected throughout the subject property comprised of "discreet" and "composite" samples. Discreet samples are collected at single isolated locations; composite samples have been collected from more than one area, and then combined for a single analysis. The advantage to composite samples is that sampling error is reduced (more areas are sampled), and the costs for additional samples is not increased.

In the following table, the Decision Threshold is that value below which the sample result would need to be if the samples were final verification samples.

Sample Results

Sample ID	Sample Location	Conc. µg/100 cm^2	Decision Threshold µg/100 cm^2	Sample Status
FM100606-1a	Garage foyer west wall	-		-
FM100606-1b	Garage foyer east wall	-		-
FM100606-1c	Garage foyer south wall	-		-
FM100606-1	Garage foyer composite	0.01	0.17	Above
FM100606-2	Top of freezer in freezer room	0.74	0.50	Below
FM100606-3a	Main garage area north wall	-		-
FM100606-3b	Main garage area east wall	-		-
FM100606-3c	Main garage area south wall	-		-
FM100606-3	Main garage area composite	BDL	0.17	Below
FM100606-4	BX	BDL	0.50	Below
FM100606-5a	Garage 1st floor northeast room S floor	-		-
FM100606-5b	Garage 1st floor northeast room N floor	-		-
FM100606-5	Garage 1st floor NE room composite	0.02	0.50	Below
FM100606-6a	Garage 2nd floor E room W ceiling	-		-
FM100606-6b	Garage 2nd floor E room E ceiling	-		-
FM100606-6	Garage 2nd floor E room ceiling composite	0.28	0.50	Below
FM100606-7	Garage 2nd floor E room closet shelf	ARCHIVED		
FM100606-8	Garage 2nd floor W room carpet	0.04	0.5	Below
FM100606-9a	2nd Floor W bedroom, S wall	-		-
FM100606-9b	2nd Floor W bedroom, W wall	-		-
FM100606-9c	2nd Floor W bedroom, N wall	-		-
FM100606-9	2nd Floor W bedroom, wall composite	ARCHIVED		
FM100606-10a	Residence, mud room on entrance door	-		-
FM100606-10b	Residence, E wall at storeroom door	-		-
FM100606-10c	Residence, S wall, central studio	-		-
FM100606-10d	Residence, Kitchen E wall	-		-
FM100606-10e	Residence, W wall above door to solarium	-		-
FM100606-10	Residence, composite	0.56	0.10	Above
FM100606-11	Residence, furnace interior	0.57	0.50	Above
FM100606-12	Structure 3, W wall, pane of glass	Pending		
FM100606-13	Structure 4, E wall, pane of glass	Pending		
FM100606-14	Structure 5, Dust from bottles	Pending		

*BDL = Below the analytical detection limit

Table 2
Summary of Preliminary Sampling

Overall, the samples indicate widespread contamination throughout the entire residential structure and the garage including all contents. It is a common misconception that

concentrations below the value misinterpreted as the State's regulatory threshold value (0.5 µg/100m2) necessarily indicate that the area is not contaminated. However, the regulatory threshold values are exclusively to be used as *prima fascia* evidence during final verification activities in the absence of all other information. During a Preliminary Assessment, there is no *de minimis* concentration of methamphetamine below which a statement of compliance can be made in the absence of any other information. The data quality objectives and sampling objectives and hypothesis testing are different for the Preliminary Assessments than they are for the final verification sampling.

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.
>
> Decision Statement
> 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.

The totality of evidence, including the sample results for this case, wherein every sample collected from the residence contained methamphetamine, and other indicators conclusively demonstrated the *presence* of methamphetamine in the residence and therefore the need for decontamination.

Quality Assurance/Quality Control

The following section is required by regulation and is not intended to be understood by the casual reader. All abbreviations are standard laboratory use: MDL was 0.004 µg; LOQ was 0.03 µg; MBX <MDL; LCS 0.100 µg (recovery =103%); Matrix spike 0.020 µg (recovery 0.019 µg, 95%); Matrix spike Dup 0.020 µg; (recovery 0.018 µg, 90%); Surrogate recovery (all samples): High 111% (Sample 10), Low 99% (Sample 3); FACTs reagents: IPA lot #A0503 <MDL for n=5; Gauze lot G0603 <MDL for n=2.

The QA/QC indicate the data met the data quality objectives, and the results do not appear to be biased.

Sample Locations

In the figures that follow, the sample locations have been presented. The drawings are stylized and not to scale.

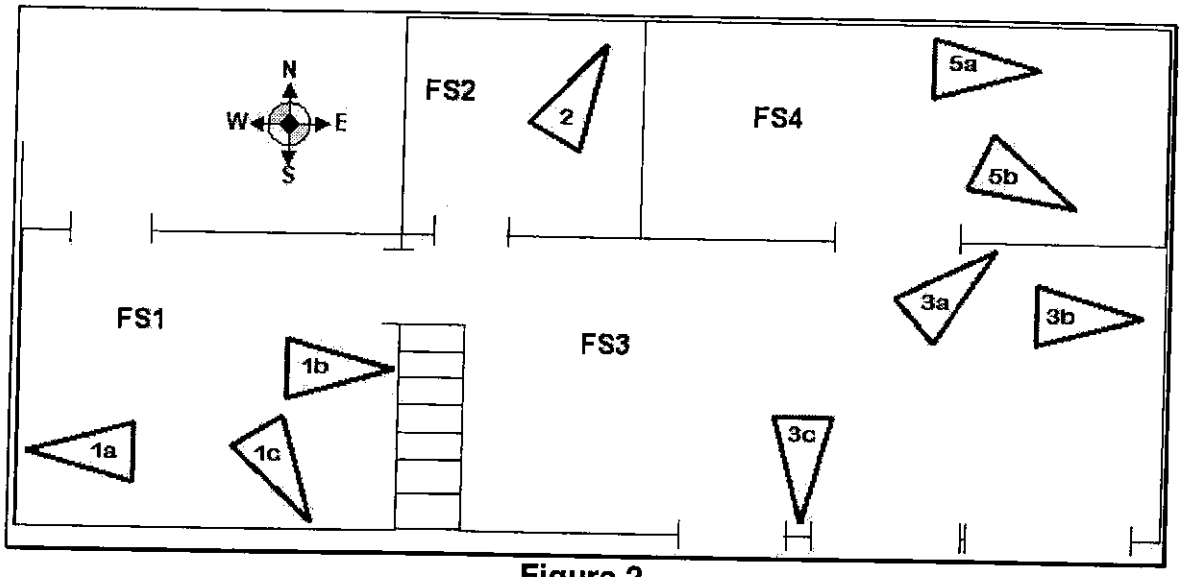

Figure 2
Sample Locations Building 1 First Floor - Not to Scale

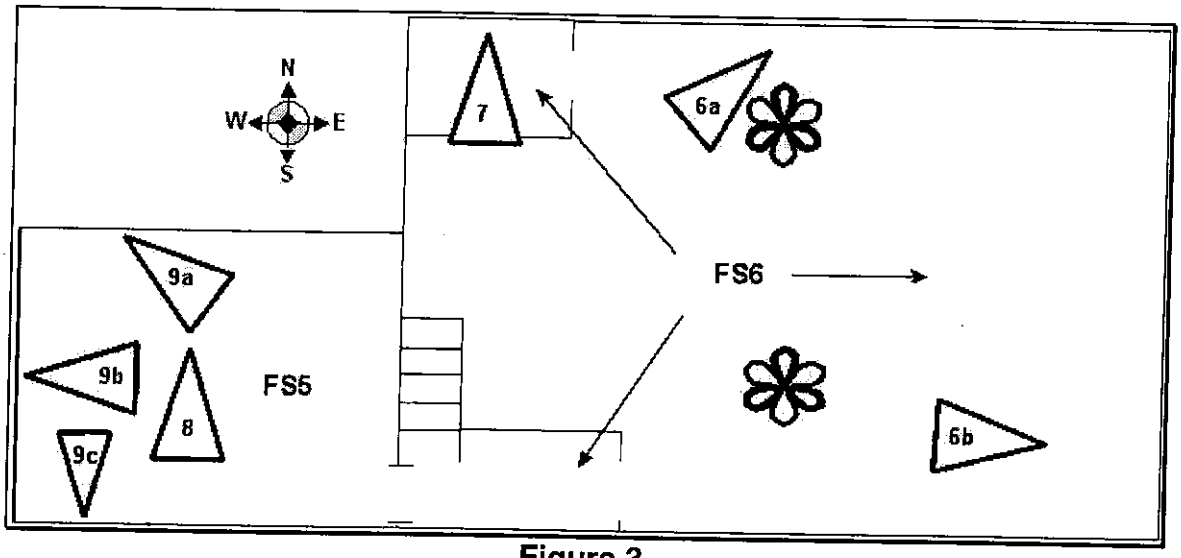

Figure 3
Sample Locations Building 1 Second Floor - Not to Scale

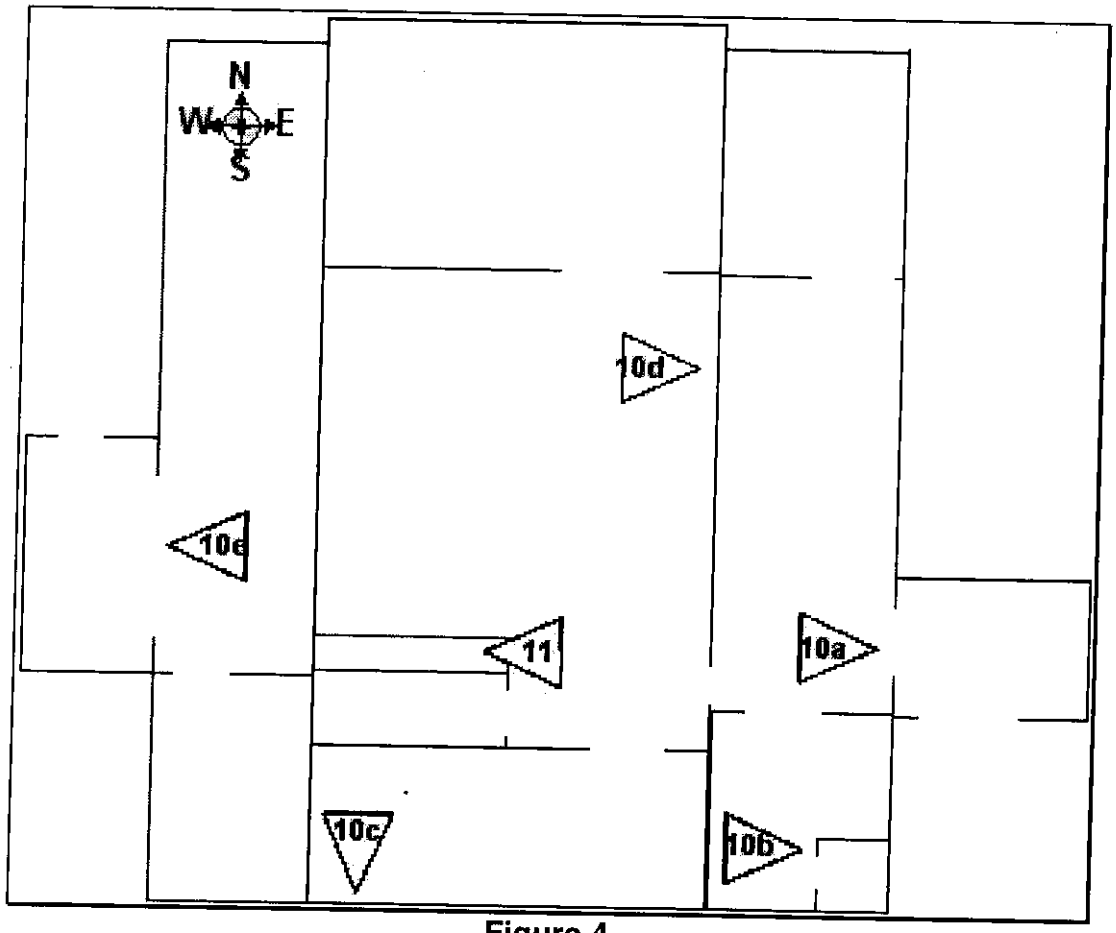

Figure 4
Sample Locations Building 2 - Not to Scale

In the above diagrams, the designations "FS1," "FS2," "FS3," etc. designate "Functional Space 1," "Functional Space 2," and so forth. Functional spaces are discussed later in this document.

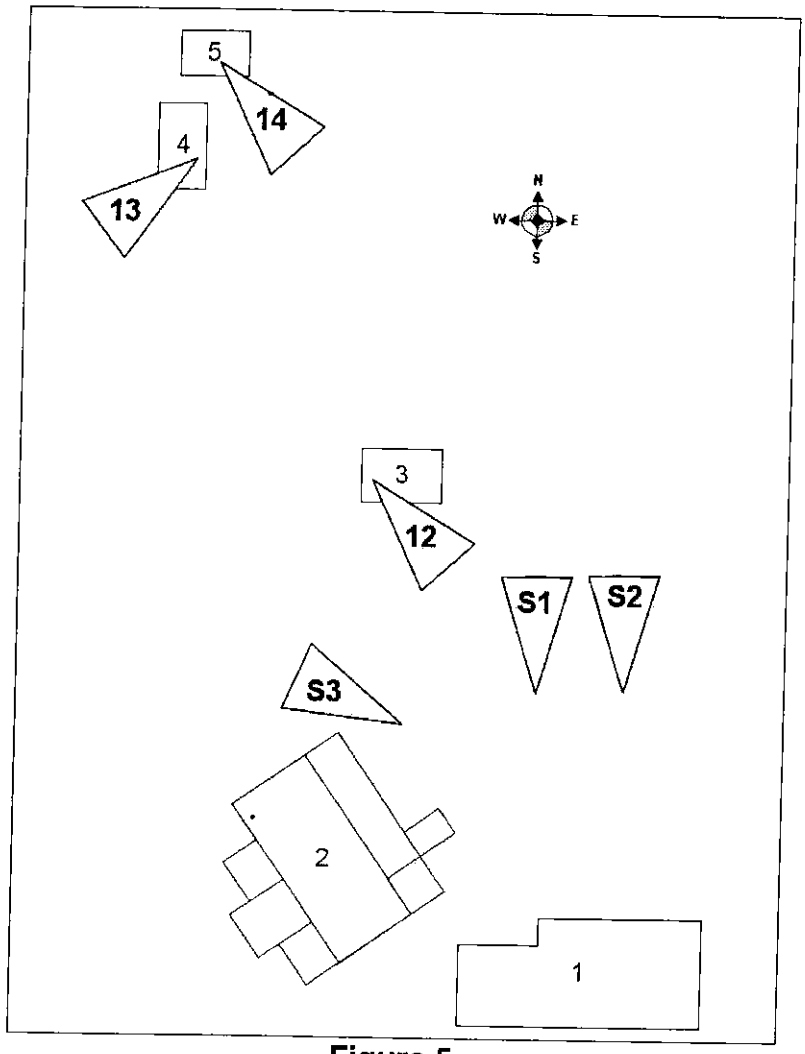

Figure 5
Sample Locations Exterior and Out Buildings - Not to Scale

In the above diagram, the samples designated as S1, S2 and S3 represent the soil screening samples from the septic tank/leach field exploration holes.

Identification of Cook/Storage Areas

Based on the best information from Law Enforcement personnel associated with this subject property, potential cook and storage areas appear to have been limited to the garage residential area. However, based on our sampling, processing and/or storage of methamphetamine may have occurred throughout the entire residence.

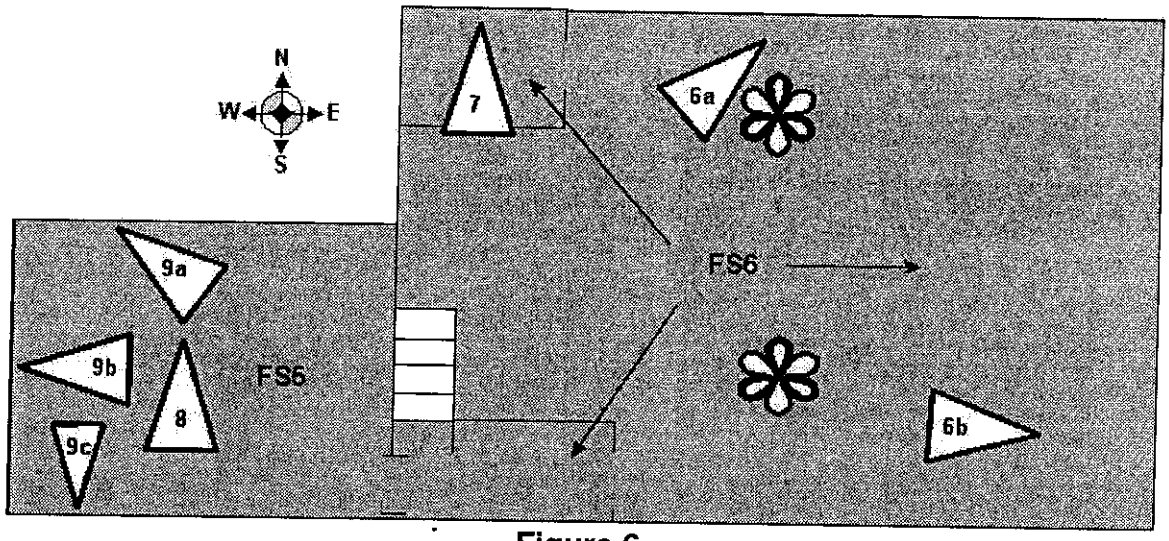

Figure 6
Drawing of Potential Cook/Storage Locations - Not to Scale

FUNCTIONAL SPACE SUMMARY

The following Functional Spaces have been identified and are addressed below:

Structure	Functional Space	Description of Functional Space
1	1	First floor entry foyer
1	2	First floor freezer and storage room
1	3	First floor main parking garage area
1	4	First floor northern storage room
1	5	Second floor brown carpet living area
1	6	Second floor east living area and closet
1	7	Attic
2	1	Mud room and east living room
2	2	Northeast bedroom
2	3	Southeast bathroom and laundry
2	4	North end, central studio and bathroom
2	5	Kitchen and dining room
2	6	North bedroom
2	7	West living room
2	8	Solarium
2	9	Southwest bedroom
2	10	Crawlspace
2	11	Attic
3	1	Nearest shed
4	1	Chicken coop
5	1	North building

Table 3
Functional Space Summary

Structure Number 1- Garage - Studio

Functional Space 1: Entry Foyer

Functional Space 1 was delineated by the walls of the entry foyer. A wipe composite sample from three of the walls, conclusively demonstrated the *presence* of methamphetamine.

Functional Space 2: Freezer Room

This functional space was delineated by the walls that describe the concrete floor room. A wipe sample collected from the functional space indicated the *presence* of methamphetamine.

Functional Space 3: Garage

The Garage was defined as that term is commonly used. We collected a three part wipe composite sample from the garage walls. The results of that composite sample conclusively confirmed the presence of methamphetamine in this area.

Functional Space 4: Northern Storage Room

We collected a two part wipe composite sample from the concrete floor of this room. The results of that composite sample conclusively confirmed the presence of methamphetamine in this area.

Functional Space 5: Bed Room

This room is the western most upstairs room delineated by the walls and by the brown carpet found in the room.

We collected a vacuum sample from the carpet and we collected a three part composite sample from the walls of the bedroom. The results of the samples conclusively confirmed the presence of methamphetamine in this area.

Functional Space 6: Upstairs East Room

At the entry to this room was a stack of cinderblocks. Several of the cinderblocks contained red staining consistent with iodine stains. Additionally, above the entry door to this room, we observed a red stain on the wall which was also consistent with iodine.

We collected a two-part composite of the ceiling of the room, and we also collected a single discreet sample from the closet. The results of those samples conclusively confirmed the presence of methamphetamine in this area.

Functional Space 7: Attic

The attic is defined as that term is commonly known. Visual assessment indicated that although the attic was significantly disturbed, there was no indication of storage or use, vis-à-vis methamphetamine activity. We do not believe that the methamphetamine which

is assumed to be present in the attic raises to the standard of "contaminant" as defined by State regulation, and therefore, we have excluded Functional Space 7 from the decontamination process.

Structure 2 - Residence

Pursuant to the information obtained from the Larimer County Drug Task Force, there was virtually no indication that this structure was involved in methamphetamine related activities.

However, pursuant to CRS §25-18.5-101 *Definitions* (2) "Drug laboratory" means

> *"...the areas where controlled substances ... and all proximate areas that are likely to be contaminated as a result of such manufacturing, processing, cooking, disposing, or storing."*

And 6 CCR 1014-3 which states:

> *§ 4.6 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...*

Finally, State Statute CRS §16-13-303 says:

> *(1) Every building or part of a building including the ground upon which it is situate and all fixtures and contents thereof, every vehicle, and any real property shall be deemed a class 1 public nuisance when: (c) (I) Used for unlawful manufacture, cultivation, growth, production, processing, sale, or distribution or for storage or possession for any unlawful manufacture, sale, or distribution of any controlled substance, or any other drug the possession of which is an offense under the laws of this state, or any imitation controlled substance, ...*

Therefore, based on these requirements, we included the proximal buildings upon the same real property in our scope of sampling.

However, in light of the fact that there was no information to suggest the structure was used for any drug related activities, we collected a single five-part composite of the structure, and a single discreet sample of the furnace.

These samples were conclusive for the presence of methamphetamine and indicated the potential for widespread methamphetamine contamination. Originally, based on the best information available, the entire structure was treated as a single functional space. However, considering the results of the samples, final verification sampling should segregate the property into the following functional spaces:

1) Mud room
2) East bathroom
3) East living room

4) Northeast bedroom
5) Kitchen and dining room
6) North central bedroom
7) South central studio
8) West living room
9) Solarium
10) Southwest bedroom

Although not a functional space *per se*, the sample collected from the ventilation system, indicated that contamination in that system is high.

The industrial hygiene and medical communities now know that the mere use of methamphetamine in a home results in elevated exposures to the occupants via airborne migration. When methamphetamine is smoked, between 80%[12] and half[13] of the substance is released from the user's pipe. Of that material which is inhaled, between 33%[14] and 10%[15] of the nominal dose is not absorbed into the body (leaving the remainder airborne). Recent work conducted by Industrial Hygienists at the National Jewish Hospital[16] in Denver, Colorado, indicate that a single use of methamphetamine, by smoking, would result in an average residential area ambient airborne concentration of methamphetamine ranging from 35 micrograms per cubic meter (µg/m3) to over 130 µg/m3. These authors found that smoking methamphetamine just once in the residence can result in surfaces being contaminated with methamphetamine. The authors concluded: "If methamphetamine has been smoked in a residence, it is likely that children

[12] Cook CE, Pyrolytic Characteristics, Pharmacokinetics, and Bioavailability of Smoked Heroin, Cocaine, Phencyclidine, and Methamphetamine (From: Methamphetamine Abuse: Epidemiologic Issues and Implications Research Monograph 115, 1991, U.S. Department Of Health And Human Services Public Health Service Alcohol, Drug Abuse, and Mental Health Administration National Institute on Drug Abuse

[13] Cook CE, Jeffcoat AR, Hill JM, et al. Pharmacokenetics of Methamphetamine Self-Administered to Human Subjects by Smoking S-(+)-Methamphetamine Hydrochloride. Drug Metabolism and Deposition Vol. 21 No 4, 1993 as referenced by Martyny JW, Arbuckle SL, McCammon CS, Erb N, Methamphetamine Contamination on Environmental Surfaces Caused by Simulated Smoking of Methamphetamine (The publication of this study is currently pending. Copies of the study are available from the Colorado Alliance for Drug Endangered Children.)

[14] Harris DS, Boxenbaum H, Everhart ET, Sequeira G, et al, The bioavailability of intranasal and smoked methamphetamine, Pharmacokinetics and Drug Disposition, 2003;74:475-486.)

[15] Cook CE, Jeffcoat AR, Hill JM, Pugh DE, et al Pharmacokinetics of methamphetamine self-administered to human subjects by smoking S-(+)-methamphetamine hydrochloride Drug Metabolism and Disposition, Vol 21, No. 4, pp. 717-723, 07/01/1993

[16] Martyny JW, Arbuckle SL, McCammon CS, Erb N, Methamphetamine Contamination on Environmental Surfaces Caused by Simulated Smoking of Methamphetamine (The publication of this study is currently pending. Copies of the study are available from the Colorado Alliance for Drug Endangered Children.)

present in that structure will be exposed to airborne methamphetamine during the "smoke" and to surface methamphetamine after the 'smoke.'[17]

Since it is the purpose of the ventilation system to move air throughout the structure, and the furnace (including ductwork) is conclusively contaminated, we conclude the furnace may be a source of continued contamination until appropriately addressed. The results of the furnace sample alone would lead a reasonable person, trained in aspects of meth laboratories, to conclude the *presence* of widespread methamphetamine contamination throughout the entire occupied space, all other sample results notwithstanding.

Individual Sewer and Disposal System

Pursuant to 6-CCR-1014-3 §4.11, the ISDS must be included in the Preliminary Assessment and appropriately evaluated.

The assessment of the ISDS was complicated by two factors:

1) Official records were unclear and conflicting,
2) Location of the ISDS was not obvious.

Official ISDS Records

Two official records exist regarding the sewer system:

1) "Application and Permit for ISDS" issued by the Larimer County Health Department on or about September 23, 1982,
2) Larimer County Assessor Property Information.

The first document, a copy of the Application, is included as Appendix D of this Preliminary Assessment. This document indicates the presence of an ISDS.

The second document, from the Assessor's Office, indicates that the property is not an ISDS but rather is on City water and City Sewer.

The application includes a drawing of the supposed location of the septic tank and the leach field. The drawing failed to include a permanent landmark as a reference point, and instead, included the location of a mobile home as a reference point. Mobile homes by definition are not stationary, and the official application indicates that the mobile home was no longer in place approximately one month after the date of the application.

[17] Martyny JW, Arbuckle SL, McCammon CS, Erb N, Methamphetamine Contamination on Environmental Surfaces Caused by Simulated Smoking of Methamphetamine (The publication of this study is currently pending. Copies of the study are available from the Colorado Alliance for Drug Endangered Children.)

Location of ISDS

We used standard current aerial photography to attempt to locate the ISDS. The aerial photography did not provide conclusive information on the location of the ISDS. We did not refer to historical aerial photography which may provide additional information.

We also noted that the residential structure appears to be a mobile home around which additions have been made. In the absence of any other reliable information, we concluded that the central portion of the existing residence was the original mobile home on the property and was the reference point for the drawing of the location of the ISDS.

Based on the best information available, we made three exploration digs on the property in the areas most likely to contain the ISDS.

At each of the digs, we screened the soils of the excavation pits for total hydrocarbons.

At no time did we conclusively identify the location of the supposed ISDS, and at no time did we find any indications of hydrocarbon concentrations that would suggest contaminated soils, OR a contaminated ISDS.

CONCLUSION

Based on the totality of the circumstances, including our subjective observations and objective data from sampling, we find that there is insufficient evidence to support the preliminary hypothesis and we accept the null hypothesis and conclude that widespread and significant methamphetamine presence exists throughout the subject property including all personal items contained therein; the garage and all items contained therein.

The archived samples of the out-buildings have been submitted for analysis to determine their inclusion or exclusion in remedial actions. We will issue a supplemental letter following the receipt of those sample results.

RECOMMENDATIONS

Based on our observations and laboratory results, we recommend the following:

1) A licensed contractor who is trained and experienced in methlab decontamination, as required by State regulations, should be retained for the decontamination work. All work performed at the residence should be conducted by an experienced contractor whose employees are documented to have been properly trained in accordance with 29 CFR §1910.120 and Colorado Revised Statute §25-18.5-104; *Entry into illegal drug laboratories.*

2) All small remaining personal items and debris in the structure should be removed and discarded as methamphetamine contaminated wastes pursuant to 6 CCR 1014-3, §5.8.1.

3) Following the removal of all personal items, all surfaces in the entire interior space, including the garage, should be thoroughly wiped down to remove residual contamination. Surfaces included in the decontamination should include, but are not limited to, ceiling fan blades, cabinet interiors, interior of refrigerator, and all accessible surfaces.

4) The carpeting in the subject property may be adequately decontaminated by standard steam cleaning; alternatively the carpet could be removed and discarded. If the carpet is permitted to remain, the carpet should be sampled during the final verification sampling.

5) The ventilation system must, at a minimum, be decontaminated pursuant to Appendix C of the State Regulations, 6-CCR-1014-3. Based on our experience, it is difficult to properly clean furnaces and duct interiors to concentrations below the State's statutory limits. As such, it may be more economically feasible to remove and replace the furnace and all associated duct-work.

6) We recommend the decontamination process be conducted in Level C PPE ensembles with a minimum of half-face APRs or PAPRs. We recommend that a decontamination corridor with showers be established at the garage driveway for access into the primary residence.

7) All remediation work performed at the residence should be conducted under written contract with a reputable remediation company qualified to perform the work.

8) All work performed at the residence should be conducted in accordance with all other State regulations.

9) All remediation work should be presumed to be pursuant to 29 CFR §1910.120 unless otherwise indicated.

10) The contractor *should* be contractually obligated to perform personnel air monitoring for methamphetamine for at least one full shift employee per day to allow for support of proper PPE selection.

11) The contractor *should* be contractually obligated to include the personnel air monitoring data in their final documentation.

12) Any contractors (and their subcontractors) should be contractually obligated to decontaminate the subject property to below the statutory limits. Any recleaning required by a contractor (or their subcontractor) pursuant to a failed final assessment should be contractually obligated to be performed at the expense of the contractor.

13) Contractors should be contractually obligated to cover industrial hygiene costs of return visits and sample expenses as a result of failed final clearance(s).

14) State regulation prohibits painting or otherwise encapsulating surfaces prior to final clearance sampling.

15) Following the decontamination process, prior to the final clearance sampling by the Industrial Hygienist, the remediation contractor/subcontractor should be contractually obligated to collect a minimum of three QA/QC wipe samples from the subject property, as part of their own QA program, and submit those samples for methamphetamine analysis. The contractor should be contractually obligated to provide their wipe sampling data (including location of sample, area of sample, and analysis results), to the consulting Industrial Hygienist for review prior to final clearance sampling.

16) If the three contractor QA/QC samples suggest that contamination in the subject property has been sufficiently reduced, the Industrial Hygienist should perform final clearance sampling according to 6-CCR 1014-3.

17) All personal property and chattels formerly associated with the subject property should be located, and tested pursuant to State regulations.

18) In the event that contaminated chattels were found to have been relocated off-site, all locations wherein the personal property was relocated should be tested for methamphetamine contamination.

19) This Preliminary Assessment must be submitted to the Larimer County Sheriff's Office which is the identified Governing Body for this subject property.

Enclosures: One CD; 72 Page data package, and Appendices

APPENDIX A:

SUPPORTING DOCUMENTS

Form	DOCUMENT
ML1	FACTs Property description field form
ML2	Plumbing inspection field form (plumbing system integrity and identification of sewage disposal mechanism)
ML2	Ventilation inspection
ML3	FACTs Functional space inventory field form
ML4	FACTs Law Enforcement documentation field form
ML5	FACTs Field observations field forms
ML6	FACTs Contamination migration field form
ML7	FACTs ISDS field form
ML8	FACTs Pre-remediation photograph log sheet field form
ML14	FACTs Certification of procedures, results, and variations from standard practices. (Signature page)
ML15	FACTs SOQs
ML 17	FACTs Field Data Sheets

FACTs project name:	**Montgomery**	**Form # ML1**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

PROPERTY DESCRIPTION:

Physical address	**2336 W County Road 60E Fort Collins, Colorado 80524-0000**		
Legal description or VIN	**Lot 12, Gilmore Acres Subdivision: #0285**		
Registered Property Owner	**Montgomery, Cynthia Louise C/O Jim Rodgers RR#2 Box 39A Broadwater, NE 69125**		
Number of structures	**Five**		
Type of Structures (Each affected structure will need a "Functional Space" inventory)	1: Garage cum residence	2,418	Square feet
	2: Residence	2,155	Square feet
	3: Storage shed	48	Square feet
	4: Chicken coop	72	Square feet
	5: Potting shed	72	Square feet
	6: Total Potential Lab	4,765	Square feet
Adjacent and/ or surrounding properties	1: North: Agriculture		
	2: South: Street front and residences		
	3: East: Agriculture		
	4: West: Residence		
	5:		
	6:		
General Property Observations	**Generally well maintained primary structures, with dilapidated out buildings and grounds. Property completely emptied of all chattels and major appliances including heating and ventilation system for Building 1**		
Presumed Production Method	**Iodine production, possible pseudoephedrine reduction via "Red P"**		

PLUMBING INSPECTION AND INVENTORY

FACTs project name:	Montgomery	Form # ML2
Date: : October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 1

Functional Space	Room	Fixture	Indicia?	Comments
	Bathroom #	Bath	NA	None
	Bathroom #	Shower	NA	None
	Bathroom #	Sink	NA	None
	Bathroom #	Toilet	NA	None
	Bathroom #	Bath		NA
	Bathroom #	Shower		NA
	Bathroom #	Sink		NA
	Bathroom #	Toilet		NA
	Kitchen	Sink		NA
	Slop sink			NA
	Washing machine			NA
	Dishwasher			NA

VENTILATION INSPECTION AND INVENTORY

Item	Y/N	Indicia ?	Sampled ?	Comments
Isolated AHU?	Yes	Yes	No	Missing
Common air intake?	No	NA		
Common bathroom exhausts?	No	NA		
Forced air system?	Yes	Yes		
Steam heat?	No	NA		
Common ducts to other properties?	No	NA		
Passive plena to other properties?	No	NA		
Active returns to other properties?	No	NA		
Passive wall grilles to other properties?	No	NA		
Industrial ventilation?	No	NA		
Residential ventilation?	Yes	Yes		
Pressurized structure?	No	NA		

PLUMBING INSPECTION AND INVENTORY

FACTs project name:	Montgomery	Form # ML2
Date: : October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 2

Functional Space	Room	Fixture	Indicia?	Comments
3	Bathroom # 1	Bath	No	
3	Bathroom # 1	Shower	No	
3	Bathroom # 1	Sink	No	
3	Bathroom # 1	Toilet	No	
4	Bathroom # 2	Bath	No	
4	Bathroom # 2	Shower	No	
4	Bathroom # 2	Sink	No	
	Bathroom #	Toilet		
5	Kitchen	Sink	No	
.	Slop sink			
3	Washing machine	Missing		Missing
5	Dishwasher	Missing		Missing

VENTILATION INSPECTION AND INVENTORY

Item	Y/N	Indicia ?	Sampled ?	Comments
Isolated AHU?	Yes	No	Yes	
Common air intake?	No	NA		
Common bathroom exhausts?	No	NA		
Forced air system?	Yes	No		
Steam heat?	No	NA		
Common ducts to other properties?	No	NA		
Passive plena to other properties?	No	NA		
Active returns to other properties?	No	NA		
Passive wall grilles to other properties?	No	NA		
Industrial ventilation?	No	NA		
Residential ventilation?	Yes	No		
Pressurized structure?	No	NA		

FUNCTIONAL SPACE INVENTORY

FACTs project name:	Montgomery	Form # ML3
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure Number	Functional Space Number	Indicia (Y/N)	Describe the functional space (include delineating structural features)
1	1	Yes	First floor entry foyer
1	2	Yes	First floor freezer and storage room
1	3	Yes	First floor main parking garage area
1	4	Yes	First floor northern storage room
1	5	Yes	Second floor brown carpet living area
1	6	Yes	Second floor east living area and closet
1	7	Yes	Attic
2	1	No	Mud room and east living room
2	2	No	Northeast bedroom
2	3	No	Southeast bathroom and laundry
2	4	No	North end, central studio and bathroom
2	5	No	Kitchen and dining room
2	6	No	North bedroom
2	7	No	West living room
2	8	No	Solarium
2	9	No	Southwest bedroom
2	10	No	Crawlspace
2	11	NV	Attic
3	1	No	Nearest shed
4	1	No	Chicken coop
5	1	No	North building

NV= Not viewed

LAW ENFORCEMENT DOCUMENTATION

FACTs project name:	Montgomery	Form # ML4
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Inventory of Reviewed Documents	1: Pride, IR 05-17450, 11/01/05 2: Clow, IR 05-17450, 11/01/05 3: Smith, IR 05-17450, 6/01/06 4: Hagerman, IR 05-17450, 11/16/05 5: Gammon, IR 05-17450, 6/01/06
Described method(s) of production	Apparent iodine production and presumed pseudoephedrine reduction
Chemicals identified by the LEA as being present	Iodine Methamphetamine Unknown, unlabeled liquids Brown, bubbling unlabeled liquid Hydrogen peroxide Clear unknown liquid
Cooking areas identified	Structure 1 Upstairs East and West Rooms
Chemical storage areas identified	Structure 1 Upstairs East and West Rooms
LE Observation on areas of contamination or waste disposal	Structure 1 Upstairs East and West Rooms

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 1
Functional Space: 1

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

Notes

① Present but not as indicia

② Copious or unusual quantities

③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 1
Functional Space: 2

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

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FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 1
Functional Space: 3

Item	Yes or Number	No	Item	Yes or Number	No
Acids		X	Hydrogen peroxide		X
Aerosol cans		X	Iodine		X
Alcohols (MeOH, EtOH)		X	Kitty litter		X
Ammonia		X	Lead		X
Ammunition		X	Lithium		X
Bags of salt		X	Match components		X
Bases		X	Mercury		X
Basters/Pipettes		X	Modified coolers		X
Batteries		X	Needles/Syringes		X
Bi-phasic wastes		X	Other OTC		X
Chemical storage		X	Phenyl-2-propanone		X
Colored wastes		X	Presence of cats		X
Drug paraphernalia		X	Pseudoephedrine		X
Empty OTC Bottles		X	Red P		X
Ephedrine		X	Solvents - ketones, etc		X
Filters		X	Solvents -aromatics		X
Gas cylinders		X	Urine containers		X
Gerry cans		X	Weapons		X
Glassware		X	Yellow staining	(1)	X
Heet or similar (MeOH)		X			

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FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 1
Functional Space: 4

Item	Yes or Number	No	Item	Yes or Number	No
Acids		X	Hydrogen peroxide		X
Aerosol cans		X	Iodine		X
Alcohols (MeOH, EtOH)		X	Kitty litter		X
Ammonia		X	Lead		X
Ammunition		X	Lithium		X
Bags of salt		X	Match components		X
Bases		X	Mercury		X
Basters/Pipettes		X	Modified coolers		X
Batteries		X	Needles/Syringes		X
Bi-phasic wastes		X	Other OTC		X
Chemical storage		X	Phenyl-2-propanone		X
Colored wastes		X	Presence of cats		X
Drug paraphernalia		X	Pseudoephedrine		X
Empty OTC Bottles		X	Red P		X
Ephedrine		X	Solvents - ketones, etc		X
Filters		X	Solvents -aromatics		X
Gas cylinders		X	Urine containers		X
Gerry cans		X	Weapons		X
Glassware		X	Yellow staining	(1)	X
Heet or similar (MeOH)		X			

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FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 1
Functional Space: 5

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

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FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 1
Functional Space: 6

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

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FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 1
Functional Space: 7

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

Notes

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④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 2
Functional Space: 1

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

Notes

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② Copious or unusual quantities

③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 2
Functional Space: 2

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

Notes

① Present but not as indicia

② Copious or unusual quantities

③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 2
Functional Space: 3

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

Notes

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④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 2
Functional Space: 4

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

Notes

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③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 2
Functional Space: S

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

Notes

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FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 2
Functional Space: 6

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

Notes

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④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 2
Functional Space: 7

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

Notes

① Present but not as indicia

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③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 2
Functional Space: 8

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

Notes

① Present but not as indicia

② Copious or unusual quantities

③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: 2
Functional Space: 9

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

Notes

① Present but not as indicia

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③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 2
Functional Space: 10

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

Notes

① Present but not as indicia

② Copious or unusual quantities

③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 2
Functional Space: 11 Attic Not Viewed

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

Notes

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④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 3
Functional Space: 1

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

Notes

① Present but not as indicia

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③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	Montgomery	Form # ML5
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure: 4
Functional Space: 1

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

Notes

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② Copious or unusual quantities

③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

FIELD OBSERVATIONS

FACTs project name:	**Montgomery**	**Form # ML5**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure: S
Functional Space: 1

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

Notes

① Present but not as indicia

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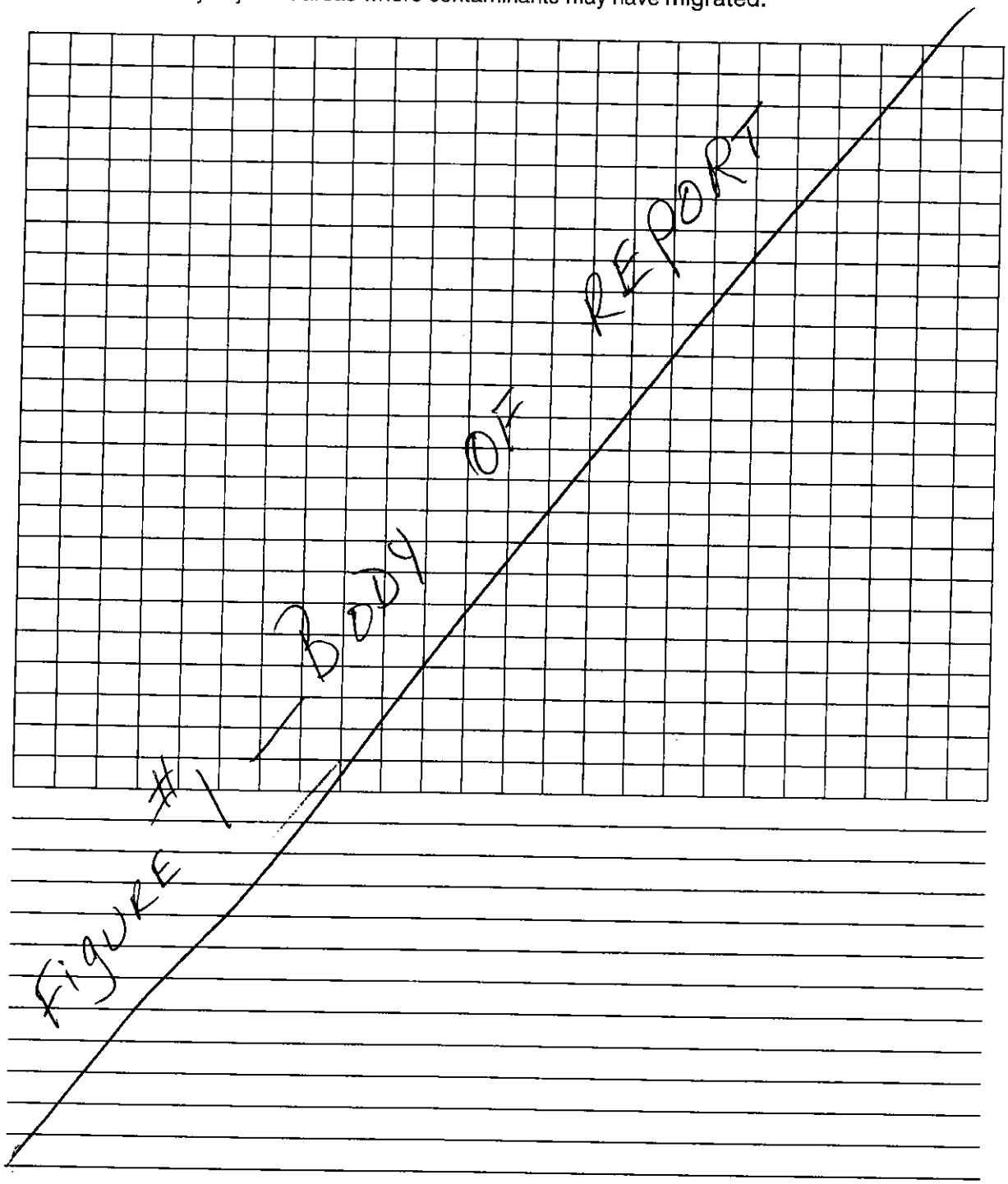
③ Present in normal household expectations

④ Modified in manner consistent with clanlab use

CONTAMINANT MIGRATION OBSERVATIONS

FACTs project name:	Montgomery	Form # ML6
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Describe/identify adjacent areas where contaminants may have migrated.



INDIVIDUAL SEWAGE DISPOSAL SYSTEM FIELD FORM

FACTs project name:	**Montgomery**	**Form # ML7**
Date: October 6, 2006		
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	
Are solvent odors present from the external sewer drain stacks			X
Was the septic tank lid(s) accessible		X	
Was the leach field line accessible		X	
Was the septic tank or leach field lines opened		X	
Are solvent odors present from the leach field lines (if "yes" see below)		X	
Are solvent odors present from the septic tank (if "yes" see below)		X	
Is "slick" present in the septic tank			X
Are biphasic (aqueous-organic) layers present in the septic tank			X
Was pH measured in the septic tank		X	
Were organic vapors measured from the septic tank (if "yes" see below)	X		
Is there evidence of wastes being disposed down internal drains		X	
Is sampling of the ISDS warranted		X	
Were calawasi/drum thief samples collected from the septic tank		X	

*NC = Not checked

Qualitative Organic Vapor Monitoring

Organic vapor detector model	EnMet Target (MOS Sensor)
Photoionization lamp E (in Ev)	NA
Detector Calibration	Factory calibration – field verification
Span gas (calibration gas)	Toluene

Location	MOS*	FID*
Exploration hole 1 (0-30 cm)	<1 ppm	
Exploration hole 1 (30-90 cm)	<1 ppm	
Exploration hole 1 (90-120 cm)	<1 ppm	
Exploration hole 2 (0-30 cm)	<1 ppm	
Exploration hole 2 (30-90 cm)	<1 ppm	
Exploration hole 2 (90-120 cm)	<1 ppm	
Exploration hole 3 (0-30 cm)	<1 ppm	
Exploration hole 3 (30-90 cm)	<1 ppm	
Exploration hole 3 (90-120 cm)	<1 ppm	

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

See body of report for a discussion on the conflicting information regarding the ISDS.

PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name:	Montgomery	Form # ML8
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Exterior

Name	Date Picture Taken
Exterior	10/6/2006 11:19
Exterior 2	10/6/2006 11:19
Exterior 3	10/6/2006 11:19
Exterior 4	10/6/2006 11:20
Exterior 5	10/6/2006 11:20
Exterior 6	10/6/2006 11:20
Exterior 7	10/6/2006 11:20
Exterior 8	10/6/2006 11:20
Exterior 9	10/6/2006 11:21
Exterior 10	10/6/2006 11:21
Exterior 11	10/6/2006 11:22
Exterior 12	10/6/2006 11:22
Exterior 13	10/6/2006 11:22
Exterior 14	10/6/2006 11:23
Exterior 15	10/6/2006 11:23
Exterior 16	10/6/2006 11:25
Exterior 17	10/6/2006 11:25
Exterior 18	10/6/2006 11:27
Exterior 19	10/6/2006 11:27
Exterior 20	10/6/2006 11:27
Exterior 21	10/6/2006 11:28
Exterior 22	10/6/2006 11:31
Exterior 23	10/6/2006 11:28
Exterior 24	10/6/2006 11:31
Exterior 25	10/6/2006 11:33
Exterior 26	10/6/2006 11:39
Exterior 27	10/6/2006 11:39
Exterior 28	10/6/2006 11:40
Exterior 29	10/6/2006 11:41
Exterior 30	10/6/2006 11:44
Exterior 31	10/6/2006 11:49
Exterior 32	10/6/2006 11:49
Exterior 33	10/6/2006 11:54
Exterior 34	10/6/2006 11:54
Exterior 35	10/6/2006 11:55
Exterior 36	10/6/2006 14:00
Exterior 37	10/6/2006 14:05
Exterior 38	10/6/2006 14:05
Exterior 39	10/6/2006 17:52
Exterior 40	10/6/2006 17:52
Exterior 41	10/6/2006 17:53
Exterior 42	10/6/2006 17:53
Exterior 43	10/6/2006 17:54
IMG_1045	10/6/2006 14:18
Property Walkthrough	
Septic 1	10/6/2006 14:31
Septic 2	10/6/2006 14:31
Septic 3	10/6/2006 14:32
Septic 4	10/6/2006 14:32
Septic 5	10/6/2006 14:32
Septic 6	10/6/2006 14:32
Septic 8	10/6/2006 14:33
Septic 9	10/6/2006 14:34
Septic 10	10/6/2006 14:33
Septic 11	10/6/2006 14:34
Septic 12	10/6/2006 14:34
Septic 13	10/6/2006 14:35
Septic 14	10/6/2006 14:35
Septic 16	10/6/2006 14:35

FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name:	**Montgomery**	**Form # ML8**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Structure 1

Name	Date Picture Taken
Bed room9	10/6/2006 15:50
Bed room 8	10/6/2006 15:49
Bedroom5	10/6/2006 15:43
Bedroom6	10/6/2006 15:44
Bedroom7	10/6/2006 15:44
Bedroom 4	10/6/2006 15:43
Bedroom 10	10/6/2006 16:29
Garage north room 2	10/6/2006 11:45
Garage bedroom	10/6/2006 11:47
Garage bedroom 2	10/6/2006 11:47
Garage bedroom 3	10/6/2006 11:47
Garage closet	10/6/2006 14:26
Garage closet 2	10/6/2006 14:26
Garage Foyer2	10/6/2006 15:10
Garage Foyer3	10/6/2006 15:10
Garage Foyer 1	10/6/2006 15:08
Garage Freezer Rm 2	10/6/2006 15:15
Garage Freezer Rm 3	10/6/2006 15:16
Garage Freezer Rm 4	10/6/2006 15:16
Garage Freezer room	10/6/2006 11:45
Garage N Room	10/6/2006 14:14
Garage N Room2	10/6/2006 14:14
Garage N Room3	10/6/2006 14:15
Garage N Room4	10/6/2006 14:15
Garage North room	10/6/2006 11:45
Garage parking area	10/6/2006 11:45
Garage parking area4	10/6/2006 11:46
Garage parking area5	10/6/2006 11:46
Rec room hall2	10/6/2006 15:48
Rec room hall3	10/6/2006 15:52
Rec room hall4	10/6/2006 15:52
Rec room hall5	10/6/2006 16:03
Rec room hall7	10/6/2006 16:03

Name	Date Picture Taken
Garage parking area6	10/6/2006 11:47
Garage parking area8	10/6/2006 15:19
Garage parking area9	10/6/2006 15:19
Garage parking area10	10/6/2006 15:21
Garage parking area11	10/6/2006 15:23
Garage parking area 2	10/6/2006 11:46
Garage parking area 3	10/6/2006 11:46
Garage parking area 7	10/6/2006 11:45
Garage Rec Room 1	10/6/2006 11:48
Garage Rec Room 2	10/6/2006 11:48
Garage Rec Room 3	10/6/2006 11:48
Garage Rec Room 4	10/6/2006 11:48
Garage Rec Room 5	10/6/2006 11:49
Garage Rec Room 6	10/6/2006 11:49
Garage Rec Room 7	10/6/2006 11:51
Garage rec room 8	10/6/2006 14:27
Garage rec room 9	10/6/2006 14:27
Garage rec room 10	10/6/2006 14:27
Garage stairs	10/6/2006 11:45
Garage stairs 2	10/6/2006 11:47
North room	10/6/2006 15:28
North room 2	10/6/2006 15:30
North room 3	10/6/2006 15:42
Rec room13	10/6/2006 16:14
Rec room 11	10/6/2006 15:57
Rec room 12	10/6/2006 15:59
Rec room attic	10/6/2006 16:19
Rec room hall	10/6/2006 15:47
Rec room hall46	10/6/2006 16:06
Structure 1-FS1	10/6/2006 11:44
Structure 1-FS2	10/6/2006 11:45
Structure 1-FS3	10/6/2006 11:44

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PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name:	Montgomery	Form # ML8
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Structure 2

Name	Date Picture Taken
Bathroom	10/6/2006 16:58
Central studio	10/6/2006 17:00
Central studio2	10/6/2006 17:02
Crawlspace3	10/6/2006 17:11
Crawlspace4	10/6/2006 17:11
Crawlspace5	10/6/2006 17:12
Crawlspace 1	10/6/2006 17:11
Crawlspace 2	10/6/2006 17:11
Furnace 1	10/6/2006 17:14
Furnace 2	10/6/2006 17:15
Furnace 3	10/6/2006 17:16
IMG_1020	10/6/2006 11:58
Mud room	10/6/2006 16:56
Mud room 2	10/6/2006 16:57
Residence bathroom	10/6/2006 11:52
Residence bathroom 2	10/6/2006 11:52
Residence bathroom 3	10/6/2006 11:52
Residence kitchen	10/6/2006 11:51
Residence kitchen 2	10/6/2006 11:57
Residence kitchen 3	10/6/2006 11:57
Residence kitchen 4	10/6/2006 11:57
Residence kitchen 5	10/6/2006 11:57
Residence kitchen 6	10/6/2006 12:00
Residence LR	10/6/2006 11:51
Residence LR 2	10/6/2006 11:52
Residence LR 3	10/6/2006 12:05
Residence Mud room	10/6/2006 11:44
Residence NE BR 1	10/6/2006 12:05

Name	Date Picture Taken
Residence NE BR 2	10/6/2006 12:05
Residence north Central BR	10/6/2006 12:00
Residence north Central BR2	10/6/2006 12:00
Residence Solarium	10/6/2006 12:01
Residence Solarium 2	10/6/2006 12:01
Residence south studio	10/6/2006 11:52
Residence south studio 2	10/6/2006 11:52
Residence SW BR	10/6/2006 12:01
Residence SW BR2	10/6/2006 12:01
Residence SW BR4	10/6/2006 12:02
Residence SW BR5	10/6/2006 12:05
Residence toilet	10/6/2006 11:51
Residence toilet room	10/6/2006 11:57
Residence toilet room 2	10/6/2006 11:57
Residence W LR	10/6/2006 12:00
Residence W LR 2	10/6/2006 12:01
Residence W LR 3	10/6/2006 12:01
Residence W LR to solarium	10/6/2006 12:01
Solarium	10/6/2006 17:04
Solarium2	10/6/2006 17:05

PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name:	Montgomery	Form # ML8
Date: October 6, 2006		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Folders

Structure 3

Name	Date Picture Taken
IMG_1118	10/6/2006 17:27
IMG_1119	10/6/2006 17:28

Structure 4

Name	Date Picture Taken
IMG_1120	10/6/2006 17:30
IMG_1121	10/6/2006 17:30
Structure 4-1	10/6/2006 11:26
Structure 4-2	10/6/2006 11:27

Structure 5

Name	Date Picture Taken
Bottles	10/6/2006 17:32
Bottles 2	10/6/2006 17:33
Bottles 3	10/6/2006 17:34
Sabos	10/6/2006 17:34
Structure 5-3	10/6/2006 11:26
Structure 5-4	10/6/2006 11:26
Structure 5-5	10/6/2006 11:26
Structure 5-6	10/6/2006 11:40
Structure 5 1	10/6/2006 11:25
Structure 5 2	10/6/2006 11:25

CERTIFICATION, VARIATIONS AND SIGNATURE SHEET

FACTs project name:	Montgomery	Form # ML14
Date: OCT 20, 2006		
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.~~	
~~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.

A MOS hydrocarbon meter was used in place of an FID/PID. The substitution is essentially compliant with State regulations which required screening using a qualitative field device. The MOS detector was not widely commercially available when the regulations were written.

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, and that I conducted post-decontamination clearance sampling in accordance with 6 CCR 1014-3, § 6. I further certify that the property has been decontaminated in accordance with the procedures set forth in 6 CCR 1014-3, § 5, and that the cleanup standards established by 6 CCR 1014-3, § 7 have been met as evidenced by testing I conducted.~~

~~Signature~~ _____ ~~Date:~~ _____

OR

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: OCT, 20, 2006

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:	**Montgomery**	**Form # ML15**
Date: October 6, 2006		
Reporting IH:	**Caoimhín P. Connell, Forensic IH**	

Caoimhín P. Connell, is a private consulting forensic industrial hygienist meeting the definition of an "Industrial Hygienist" as that term is defined in the Colorado Revised Statutes §24-30-1402. Mr. Connell has been a practicing Industrial Hygienist in the State of Colorado since 1987 and has been involved in clandestine drug lab (including meth-lab) investigations since May of 2002.

Mr. Connell is a recognized authority in methlab operations and is a Certified Meth-Lab Safety Instructor through the Colorado Regional Community Policing Institute (Colorado Department of Public Safety, Division of Criminal Justice). Mr. Connell has provided methlab training for officers of over 25 Colorado Police agencies, 20 Sheriff's Offices, federal agents, and probation and parole officers from the 2nd, 7th and 9th Colorado judicial districts. He has provided meth-lab lectures to prestigious organizations such as the County Sheriff's of Colorado, the American Industrial Hygiene Association, and the National Safety Council.

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

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

Mr. Connell is also a 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 50 assessments in illegal drug labs.

He has extensive experience performing assessments pursuant to the Colorado meth-lab regulation, 6 CCR 1014-3, (State Board Of Health *Regulations Pertaining to the Cleanup of Methamphetamine Laboratories*) and was an original team member on two of the legislative working-groups which wrote the regulations for the State of Colorado. Mr. Connell was the primary author of Appendix A (*Sampling Methods And Procedures*) and Attachment to Appendix A (*Sampling Methods And Procedures Sampling Theory*) of the Colorado regulations. He has provided expert witness testimony in civil cases and testified before the Colorado Board of Health and Colorado Legislature Judicial Committee regarding methlab issues.

Mr. Connell, who is a committee member of the ASTM International Forensic Sciences Committee, is the sole author of the draft ASTM E50 *Standard Practice for the Assessment of Contamination at Suspected Clandestine Drug Laboratories.*

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SAMPLING FIELD FORM

FACTs project name: Fielder	**Form # ML17** A0601
Date: October 6, 2006	**Alcohol Lot#:** ~~0607~~ **Gauze Lot#:** G0603
Reporting IH: Caoimhín P. Connell, Forensic IH	**Preliminary** X **Intermediate**____ **Final**____

Sample ID FM100606	Type	Area/ Volume/ Weight	Location	Func. Space (STRUCTURE)	Dimensions	Substrate	Result
01a	W		GARAGE STRUCTURE W wall FOYER	1/01	12" X 12"	PAINT/DRYWALL	
01B	W		E wall FOYER	1/01	12" x 12"	PAINT/DRY	
01C	W		S wall FOYER	1/01	12" x 12"	PAINT/DRY	
01							
* 02	W		STORAGE/TOP OF FREEZER	1/02	12 x 12"	METAL	
03a	W		main garage area N wall	1/03	12" x 12	PT/DRYWALL	
03B	W		E wall	1/03	12 x 12"	PT/DRYWALL	
03C	W		S wall	1/03	12" x 12"	PT/DRYWALL	
03							
04			BX				
* 05a	W		NE CONCRETE RIB BEAM	1/04	12" x 12"	CONCRETE	
05b	W			1/04	12 x 12"	CONCRETE	
05							

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

* 2- UNDERSAMPLED
* 5- UNDER SAMPLED (A0503 G0603)

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SAMPLING FIELD FORM

FACTs project name: Fielder	**Form # ML17**
Date: October 6, 2006	**Alcohol Lot#:** 0601 **Gauze Lot#:** 0603
Reporting IH: Caoimhín P. Connell, Forensic IH	**Preliminary** _X_ **Intermediate**___ **Final**___

Sample ID FM100606	Type	Area/ Volume/ Weight	Location	Structure Func. Space	Dimensions	Substrate	Result
06a	W		UPSTRS EAST ROOM ceiling	1/06	12"x12"	PAINT	
06B	W		ceiling	1/06	12x12"	PAINT	
06							
~~07A~~							
~~07B~~							
07	W						
08	V		UPS E BDRM CLOSET SHELF	1/06	10x19	OSB	
09A	W		UPSTRS BRN CARPET ROOM	1/05	24x24	CARPET	
09B	W		UPSTR BRN CARPET ROOM/S	1/5	12x12	PT/DRYWALL	
09C	W		" " WALLS / W	1/5	12x12	PT/Drywall	
9			" " N	1/5	12x12	PT/Drywall	
10A	ENT. DOOR		MAIN RESIDENCE / STRUCTURE TWO	2/	5x12	VARN. WOOD	
10B			R WALL / lg BATH	2/	5x12	VARN. WD	
10C			CENTRAL STUDIO	2/	5x12	VARN. WD.	
10D			KITCHEN EAST WALL	2/	5x12	VARN. WD	
10E	10		DOORWAY TO SOLARIUM	2/	5x12	VARN. WD	

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

9- A 0502 G 0603

01/12

SAMPLING FIELD FORM

FACTs project name: FIELDER	**Form # ML17**
Date: 10/06/06	**Alcohol Lot#:** A0601 **Gauze Lot#:** ~~See note~~ 60603
Reporting IH: Caoimhín P. Connell, Forensic IH	**Preliminary** X **Intermediate**____ **Final**____

Sample ID	Type	Area/ Volume/ Weight	Location	Func. Space	Dimensions	Substrate	Result
FM100600							
11	W		FURNACE/RES. STRUCTURE	2/	6X18	METAL	
12	W		OUTBUILDING - STRUCTURE 3	3/	9X9	GLASS	
13	W		" STRUCTURE 4	4/	12X8	GLASS	
14	W		" STRUCTURE 5	5/	100 CM^2	GLASS	

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

APPENDIX B

ANALYTICAL REPORTS FOR FACTS SAMPLES

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

ANALYTICAL CHEMISTRY INC.

Established in 1979

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

E-mail: acr@acilabs.com Website: www.acilabs.com

Lab Reference:	06184-06
Date Received:	October 12, 2006
Date Completed:	October 18, 2006

October 18, 2006

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

CLIENT REF: Fielder

SAMPLES: wipes/8, filter (vacuum)/1

ANALYSIS: Methamphetamine by Gas Chromatography-Mass Spectrometry.

RESULTS: in total micrograms (ug)

Sample	***Methamphetamine, ug***	***% Surrogate Recovery***
FM100606-01	0.186	100
FM100606-02	6.86	108
FM100606-03	0.130	99
FM100606-04	< 0.030	101
FM100606-05	0.459	110
FM100606-06	5.20	110
FM100606-08 (62 milligrams)	1.36	104
FM100606-10	10.8	111
FM100606-11	3.97	109
QA/QC Method Blank	< 0.004	
QC 0.100 ug Standard	0.103	
QA 0.020 ug Matrix Spike	0.019	
QA 0.020 ug Matrix Spike Duplicate	0.018	
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

10/4/06

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

Page of

Please do not write in shaded areas.

SAMPLING DATE:	October 6, 2006	REPORT TO:	Caoimhín P. Connell
PROJECT Name/No:	Fielder	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. ARCHIVED @ FACTs
4. WEIGH SAMPLE
5.
6.

LAB Number	Sample Number	SAMPLE MATRIX: Wipe	Vacuum	Other	ANALYSIS REQUESTS: 1	2	3	4	5	6	SAMPLER COMMENTS	LAB COMMENTS	No of Containers
	FM1ØØ6Ø6-Ø1	X			X	X							1
	FM1ØØ6Ø6-Ø2	X			X	X							1
	FM1ØØ6Ø6-Ø3	X			X	X							1
	FM1ØØ6Ø6-Ø4	X			X	X							1
	FM1ØØ6Ø6-Ø5	X			X	X							1
	FM1ØØ6Ø6-Ø6	X			X	X							1
	FM1ØØ6Ø6-Ø7						X						1
	FM1ØØ6Ø6-Ø8		X		X	X		X			WEIGH SAMPLE	found sample in other dly, label torn to read M1ØØ6Ø8	1
	FM1ØØ6Ø6-Ø9						X						1
	FM1ØØ6Ø6-1Ø	X			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
Caoimhín P. Connell	[signature]	FACTs, Inc.	10/10/06	1206
MIA SAZON	[signature]	ACT	10/12/06	1500

Turnaround Time:
- ☐ 24 Hours (2X)
- ☐ 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.	C6184-06	

05/12

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

Page of

Please do not write in shaded areas.

SAMPLING DATE:	October 6, 2006	REPORT TO:	Caoimhín P. Connell
PROJECT Name/No:	Fielder	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. Archived
4. WEIGH Sample
5.
6.

LAB Number	Sample Number	SAMPLE MATRIX: Wipe	Vacuum	Other	ANALYSIS REQUESTS 1	2	3	4	5	6	SAMPLER COMMENTS	LAB COMMENTS	No. of Containers
	FM1ØØ6Ø6-11	X			X	X		X			W		1
	FM1ØØ6Ø6-12				X		X						
	FM1ØØ6Ø6-13				X		X						
	FM1ØØ6Ø6-14				X		X						
					X								
					X								
					X								
					X								
					X								
					X								
					X								

CHAIN OF CUSTODY RECORD

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

PRINT NAME	Signature	COMPANY	DATE	TIME
Caoimhín P. Connell	C L M A	FACTs, Inc.	1Ø/1Ø/Ø6	12ØG
MIA SAZON	Mia Sazon	ACT	10/12/06	1500

Turnaround Time
- ☐ 24 Hours (2X)
- ☐ 2 Days (1.75X)
- ☐ 3 Days (1.5X)
- ☒ Routine

Total Number of Containers (verified by laboratory): 1

Custody Seals:	Yes	No
Container:	Intact	Broken
Temperature:	Ambient	Cooled
Inspected By:	MIA SAZON	
Lab File No.	06184-06	

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APPENDIX C

DISCUSSION OF LARIMER COUNTY BUILDING DEPARTMENT "METHAMPHETAMINE CLEANUP PROCEDURES"

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

FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

DISCUSSION OF THE LARIMER COUNTY BUILDING DEPARTMENT POLICY FOR METHAMPHETAMINE LAB CLEANUP PROCEDURE

Certain aspects of this "Procedure" are contrary to State requirements and create potential problems for the citizens of Larimer County.

For example, the Larimer County Building Department Procedures explicitly state that only a Certified Industrial Hygienist (CIH) is permitted to issue a decision statement on an identified methlab.

The American Board of Industrial Hygiene (ABIH) is merely a private club of Industrial Hygienists that "owns" the "CIH" trademark. In 1997, the ABIH attempted to pass legislation in Colorado which would define an Industrial Hygienist exclusively as a "CIH." However, the People of Colorado and indeed many CIHs opposed the legislation, and instead passed Senate Bill SB97-119 which became codified in Colorado's Revised Statutes (CRS §24-30-1402), which explicitly placed ALL Industrial Hygienists on equal footing, regardless of whether they chose to join the ABIH (be a "CIH") or not.

Since then, the profession of "Industrial Hygienist" as used in State regulations and State statutes has been defined in State statutes (CRS §24-30-1402) and provides the criteria needed for one to call themselves an "Industrial Hygienist." The State statutes makes no distinction in competency for a CIH. "CIH" merely indicates that the particular Industrial Hygienist has chosen to join a private club (the ABIH) or not join the club. There is no indication that being a CIH provides any degree of competency in industrial hygiene over a "non-CIH" (as observed by the Colorado Board of Health).

Mr. Connell, who authored this Preliminary Assessment for 2336 W County Road 60 E, and who has not joined the ABIH, developed and wrote the original methlab assessment protocols for Colorado's new methlab regulations. Connell was asked to testify before the Colorado Board of Health during the approval process. During that hearing, in 2005, the Colorado Department of Public Health and the Environment which was tasked with developing the regulations pursuant to CRS §25-18.5-103 was informed by the Colorado Board of Health that the Board would automatically reject the proposed regulations immediately, regardless of any other provisions, if the new regulations included a provision that only a CIH would be permitted to perform the assessment work. The Colorado Board of Health went on record saying that "certification" by the ABIH was <u>not</u> considered a mark of competency in the industrial hygiene field.

Some Industrial Hygienists in the State of Colorado point to the fact that there are no CIHs in the state of Colorado who belong to a minority group and any capricious provisions, such as those found in the Larimer County "Procedures" preferentially requiring a CIH may be viewed as a violation of the Civil Rights Act.

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PHONE: 303-903-7494 www.forensic-applications.com

During a recent court case, FACTs Industrial Hygienist, Connell (who is not a CIH), provided expert witness testimony on behalf of a Northern Colorado Municipality which was in litigation against an Homeowner who had hired a CIH. The CIH in question had attempted to perform a "Preliminary Assessment" of a methlab. The CIH believed that since he was a CIH with a PhD, he was automatically authorized to perform the work. The assessment performed by the CIH was so grossly incompetent, that the final assessment was entirely unusable, and failed to meet even the minimum elements of a "Preliminary Assessment" and was rejected by the courts in favor of Connell's Preliminary Assessment which was performed on behalf of the Municipality. Ultimately, it was shown that the CIH lacked any and all training in aspects of illegal drug labs and was therefore not even authorized to perform the assessment work in the first place.

The general degradation of competency among CIHs has reached such a level, that one particular practicing Industrial Hygienist has permitted his certification to lapse so that he does not bear the stigma of being a CIH.

There is no foundation to support Larimer County's presumption that a "CIH" has any better grasp of industrial hygiene than does any other fully qualified Industrial Hygienist in the State of Colorado. Particularly, if the CIH's certification is in noise, ergonomics or air pollution or other unrelated aspect of industrial hygiene. How would one believe that such a CIH who has no training or experience in chemical sampling or methlabs, could somehow be magically competent to perform a chemical assessment of a methlab?

Additionally, the language associated with "discovery" in the Larimer County "Procedures" is inconsistent with State statutes, and will likely create problems in a few months when, on January 1, 2007, CRS §38-35.7-103 becomes effective.

Furthermore, the state Statutes regarding the clean-up of a meth lab are civil in nature, not criminal. The language of the Larimer County Document, requires the SO or Task Force to "complete the law enforcement part of the process..." However, how will Larimer County handle a methlab, discovered under the new rule, by an Industrial Hygienist and wherein there is NO law enforcement actions involved, and the lab becomes declared "discovered and notified" based on the Industrial Hygienist's report?

The language of the Larimer County "Procedures" is inconsistent with State regulations and State Statutes, and is not likely to be defendable in litigation.

APPENDIX D

LARIMER COUNTY HEALTH DEPARTMENT APPLICATION FOR ISDS

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

APPLICATION AND PERMIT FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM

MICROFILMED ENTERED

LARIMER COUNTY HEALTH DEPARTMENT
363 Jefferson St., Fort Collins, CO 80524
221-2100 EXT. 596

#2205

Mail to:
Ms. Rodgers

1. ____¼, ____¼, ____¼, S 4 T 8 R 69
2. Subdivision Gilmore Acres
3. Lot 12 Block ____ Filing ____ Zoned ____
4. New ✓ Repair ____
5. Address/Location 2336 C.R 60E
6. Owner of Record Bert Montgomery Address 3717 S. Taft Hill F.C. Ph. ____
7. Agent Alice Rodgers Address 1016 Laporte Ave, F.C. Ph. 493-6051
8. System Contractor Ken White Address ____ Ph. ____
9. Building Type Mobile Home Basement Bathroom No Design Capacity 2 Bdrm
10. Lot Size 4.4A Slope <5% Perc. Rate/H.C. 50 mpi Depth to Bedrock >8'
11. Depth to water Table >8' Potable Water Supply ELCO Aquifer ____
12. Water District ~~ELCO~~ No. Colo.
13. Sanitation District NA
14. Nearest Location of Public Sewer To Building ____
15. Exhibits check: Plot Plan ✓ Eng. Geol. Report ✓ Engineers Design ____
16. Owner/Agent Signature X Alice Rodgers Date 9-23-82
17. Engineer Signature Delgado & Mestas Inc P.E. Reg. # 10725 Date ____
18. Fee of $ 150.00 payable at time Permit is issued. # 1007
19. Plot plan on reverse of this form.

Permission is hereby granted to the owner or his agent to perform the work indicated below in accordance with the Larimer County Individual Sewage Disposal Regulations and is conditional upon the final installation approval of the Larimer County Health Department. This permit is to remain in full force for the duration of the Larimer County Building Permit, or 120 days after its issuance, where applicable, providing it is not revoked for non-compliance. The issuance of this permit does not constitute assumption by the Department or its employees of liability for the failure or inadequacy of the sewage disposal system.

20. Type and design of System Standard design: install a minimum of a 1000 gal. septic tank followed by at least 1034 sq. ft. of leachfield.

(Design Code 1)

21. Maintenance Schedule inspect tank annually, pump every 4 years.
22. Please notify the department 24 hours in advance of backfilling to obtain final inspection for issuance of "Occupancy Certificate".

	Approval Signature	Date	Approval Signature	Date
23.	Site Inspection: D. Bjorlo	9-27-82	Sanitation District:	
24.	Preliminary: D. Bjorlo R.P.S.	9-27-82	Occupancy Permit Signed:	
25.	Final Inspection: McCloskey R.P.S.	10/22/82	And Transmitted By:	

Route: white - owner; pink - system contractor; Tag Copy - File.

L.C.H.D. E.H. 233 6/80

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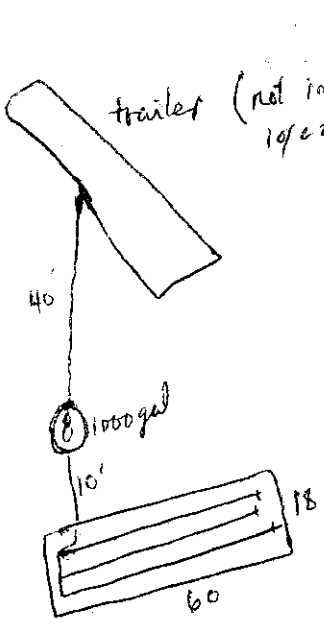
S
E + W
N
trailer (not in place 10/e/82
40'
1000 gal
10'
18
60