

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

**3834 South Knox Court
Lakewood, CO
80236-6121**

Prepared for:
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EXECUTIVE SUMMARY

On Tuesday, April 23, 2013, personnel from Forensic Applications Consulting Technologies, Inc. (FACTs) performed a real estate cursory evaluation for methamphetamine at Unit 3834 of a three unit structure located at 3830, 3832 and 3834 South Knox Court, Lakewood, CO (the subject property). On that day, FACTs collected samples in a manner consistent with the intent of Colorado Revised Statutes §38-35.7-103(2)(a).

The results of the samples collected during the cursory evaluation confirmed the presence of profound, overt and widespread methamphetamine contamination in that unit.

On May 2, 2013, FACTs issued a written report of the cursory evaluation; the report met the definition of “discovery” and “notification,” which triggered Colorado State Board of Health Regulation 6 CCR 1014-3.

FACTs was subsequently contracted by the Registered Owner (RO) of the subject property to perform a standard State-mandated Preliminary Assessment (PA). From May 9, 2013 to May 24, 2013, personnel from FACTs performed the PA pursuant to Colorado Regulation 6 CCR 1014-43, Part 4.

Samples taken during the cursory evaluation conclusively demonstrated the presence of widespread methamphetamine contamination throughout Unit 3834. The sample taken during the PA was designed to challenge the compliance status of the crawlspace of the structure, pursuant to Section 7 of the Regulations.

Based on the totality of the circumstances, FACTs makes the following observations:

- 3834 S. Knox Court, Lakewood, CO exhibits overt noncompliance with Colorado’s methamphetamine cleanup standards.
- The crawlspace of 3830, 3832 and 3834 S. Knox Court, Lakewood, CO exhibits overt noncompliance with Colorado’s methamphetamine cleanup standards.
- Heavy contamination was identified in the common crawlspace of 3834 S. Knox Court; the furnace intake for 3832 S. Knox Court is located in the contaminated space. Therefore, we believe there is sufficient evidence to conclude that 3832 S. Knox Court is also a contaminated property for which a Preliminary Assessment must be performed.
- “Discovery” and “Notification” existed by virtue of the FACTs May 2, 2013 report.
- A noncompliant illegal drug lab, as that term is defined in CRS §25-18.5-101, existed at the subject property from at least April 23, 2013, forward, and continues to exist at the time of this Preliminary Assessment.



- A Class 1 Public Nuisance, as defined in CRS §16-13-303(1) existed at the subject property from at least April 23, 2013, forward, and continues to exist at the time of this report.
- Following the decontamination activities at the subject property, a qualified Industrial Hygienist must perform the post-decontamination process and issue a Decision Statement before reentry or occupancy of Unit 3834 of the subject property may occur.

REGULATORY REQUIREMENTS

Federal Requirements

All work associated with this PA was performed in a manner consistent with regulations promulgated by the Federal Occupational Safety and Health Administration (OSHA).

State 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,” the property must either be demolished or a “Preliminary Assessment” must be conducted at that property to characterize extant contamination (if any), and to direct appropriate decontamination procedures (if any). Pursuant to these regulations, information obtained in the PA, and those findings, enter the public domain and are not subject to confidentiality.¹

The PA must be conducted according to specified requirements² by an authorized Industrial Hygienist as that term is defined in CRS §24-30-1402. This document, and all associated appendices and photographs, is the PA pursuant to those regulations. Included with this discussion is a read-only digital disc. The disc contains mandatory information and photographs required by State regulation for a PA. This PA is not complete without the digital disc and all associated support documents.

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).

¹ Section 8.26 of 6 CCR 1014-3

² Section 4 of 6 CCR 1014-3



County Requirements

The property location is of ambiguous jurisdiction, and originally, we were unable to confirm the actual jurisdiction of the property. Some official records identify the situs as Lakewood other records officially identify the situs as within the City Limits of Denver. On the day of printing, we were able to determine that the property lies in Arapahoe County property tax area, which does not have any specific regulations over and above the State mandated requirements.

City Regulations

The Cities of Lakewood and Denver both denied jurisdiction over the property; in any event, to our knowledge, neither city has any specific regulations over and above the State mandated requirements.

Preliminary Hypothesis

During the Preliminary Assessment (PA), the initial hypothesis is made that the subject area is clean, and data are collected to find support for this hypothesis. Any reliable data that fails to support the hypothesis, including police records, visual clues of illegal production, storage, or use, or documentation of drug paraphernalia being present, is considered conclusive, and requires the Industrial Hygienist to accept the null hypothesis and declare the area non-compliant.³ 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.

Contrary to common belief, sampling is **not** required during a PA; however, if sampling is performed, it is conducted in the areas with the highest probability of containing the highest possible concentrations of contaminants. According to the State regulations:⁴

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.

Initial Statement on Hypothesis Testing

Regarding this subject property, during the PA, FACTs initially accepted the primary regulatory *null* hypothesis for the main residence (each functional space in 3834 S Knox Ct. was noncompliant) and, then, pursuant to testing consistent with Section 7, 6 CCR 1014-3, FACTs challenged the noncompliance status for the crawlspace.

Through that sampling, we determined that methamphetamine contamination was present at noncompliant concentrations in the crawlspace.

³ This language and emphasis is verbatim from Appendix A (mandatory) of 6 CCR 1014-3

⁴ Section 4.6 of 6 CCR 1014-3



Elements of the Preliminary Assessment

Specific mandatory information must be presented as part of the PA. This discussion, in its totality, contains the mandatory information for a PA as follows:

Mandatory Final Documents 6-CCR 1014-3	DOCUMENTATION	Included
§4.1	Property description field form	<i>Cal</i>
§§4.4, 4.5	Description of manufacturing methods and chemicals	<i>Cal</i>
§4.2	Law Enforcement documentation review discussion	<i>Cal</i>
§4.7	Description and Drawing of Storage area(s)	<i>Cal</i>
§4.8	Description and Drawing of Waste area(s)	<i>Cal</i>
§4.9	Description and Drawing of Cook area(s)	<i>Cal</i>
§§4.3, 4.6, 4.10	Field Observations field form	<i>Cal</i>
	FACTs Functional space inventory field form	<i>Cal</i>
§4.11	Plumbing inspection field form	<i>Cal</i>
	FACTs ISDS field form	NA
§4.12	Contamination migration field form or description	<i>Cal</i>
§4.13	Identification of common ventilation systems	<i>Cal</i>
§8.11	Description of the sampling procedures and QA/QC	<i>Cal</i>
§8.12	Analytical Description and Laboratory QA/QC	<i>Cal</i>
§8.13	Location and results of initial sampling with drawings	<i>Cal</i>
§8.14	FACTs health and safety procedures in accordance with OSHA	<i>Cal</i>
§8.15 - §8.19	These sections are not applicable to a Preliminary Assessment	
§8.20	FACTs Pre-remediation photographs and log	<i>Cal</i>
	FACTs Post-remediation photographs and log	NA
§8.21	FACTs SOQ	<i>Cal</i>
§8.22	Certification of procedures, results, and variations	<i>Cal</i>
§8.23	Mandatory Certification Language	<i>Cal</i>
§8.24	Signature Sheet	<i>Cal</i>
NA	Analytical Laboratory Reports	<i>Cal</i>
	FACTs final document inventory	<i>Cal</i>
	FACTs Field Sampling Forms	<i>Cal</i>

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

Subject Structure

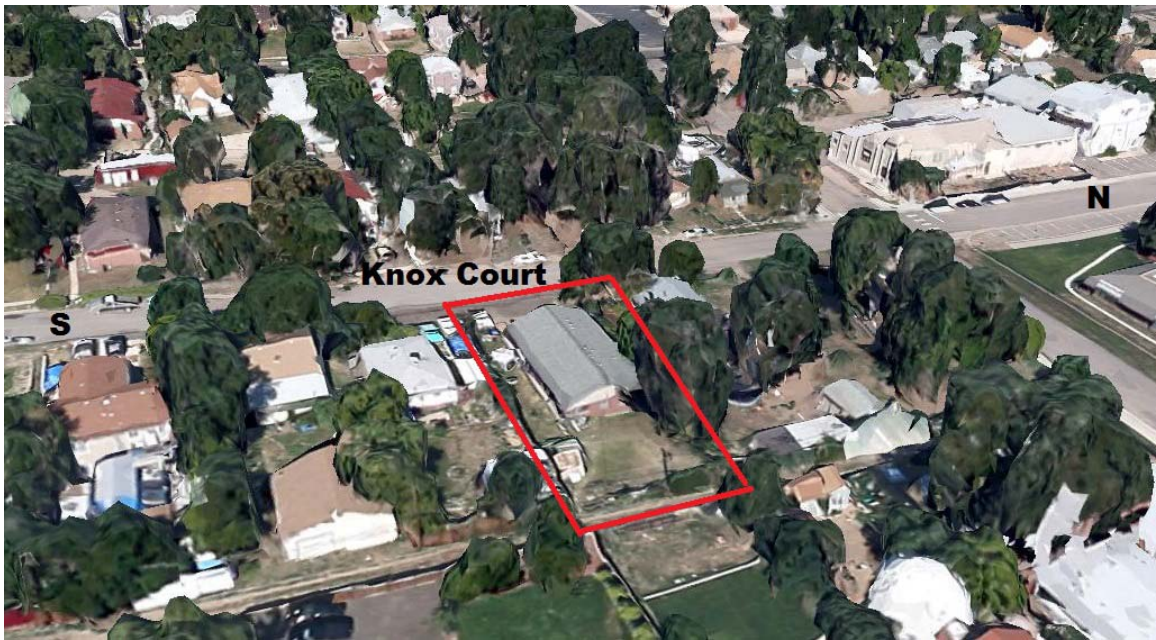
According to the Arapahoe County Assessor's Office, the *circa* 1963 property is approximately 616 square feet, and the crawlspace is approximately 1,848 square feet. Therefore, for regulatory purposes the sampling square footage will be 2,464 square feet.

A general layout of the residential setting is depicted in the aerial photographs below. The subject property is outlined in red.





**Photograph 2
General Site Layout⁵**



**Photograph 2
General Site Layout⁶**

⁵ Copyright Google™ Reproduced under fair use doctrine

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Review of Law Enforcement Documentation

As part of the PA, FACTs is required by regulation⁷ to review available law enforcement documents pertinent to a subject property. During this project, FACTs contacted Denver Police Department and the Lakewood Police Department for documentation.

The Lakewood Police Department informed us the property was within the jurisdiction of Denver Police Department. Upon contact, the Denver Police Department merely informed us they had no pertinent documents for the property. It was not until the day of printing this report, that it was finally discovered the property was in the jurisdiction of Arapahoe County. FACTs will make a request to the Arapahoe County Sheriff's Office for records. Upon review, those records will be included in the Decision Statement.

As such, based on the best available information during this assessment, there were no known law enforcement documents pertaining to controlled substances for this subject property.

Governing Body

Pursuant to statute and regulations, the documentation in this report must be submitted to the "Governing Body" to avail of the statutory liability immunity. For this project, FACTs has arbitrarily identified the *de facto* "Governing Body" as defined in CRS 25-18.5-101 for this property as:

Tricounty Health Department
6162 South Willow Drive,
Suite 100 Greenwood Village, CO 80111

Visual Inspection of the Property

As part of the Preliminary Assessment, on May 14, 2013, Mr. Caoimhín P. Connell, Forensic Industrial Hygienist with FACTs, performed a visual inspection and sampling of the subject property. Mr. Connell was assisted in the field by Ms. Christine A Carty Field Technician. A copy of Mr. Connell's statement of qualifications is included as an appendix with this discussion.

FUNCTIONAL SPACE SUMMARY

During a Preliminary Assessment, the Industrial Hygienist is required by regulation to divide the study area into "Functional Spaces," and evaluate the potential for contamination in each area. The idea is to segment a property into specific areas which may present different potentials for contamination, based on the anticipated use or function conducted in that area. Thus, functions of bedrooms and bathrooms may be different, kitchens and living rooms, may be different, etc. Pursuant to regulations, a

⁷ 6 CCR 1014-3 (Section 4.2)



building is divided into such areas based solely on subjective professional judgment with foundational guidance in Federal Regulation.⁸

A general overview of each space is provided in the following discussion. Indicators are detailed in FACTs form ML5, included in the appendix of this report. For evaluation purposes, the following Functional Spaces have been identified and are addressed below:

Functional Space	Describe the functional space
1	Living room, Hallway, Hot water closet
2	Kitchen
3	Bathroom
4	Bedroom
5	Furnace System
6	Crawlspace
7	Attic – identified here for acknowledgement only

Table 2
Functional Space Inventory

This property does not contain an attic, or if there is an attic, there is no access to the attic.

Functional Space 1: Living Room Complex

This space includes the living room, laundry closet and hallway. This functional space was included in the initial sampling and indicated 190 µg/100cm².

Functional Space 2: Kitchen

Used here as the term is commonly understood, the kitchen was included in the initial sampling and indicated 190 µg/100cm².

Functional Space 3: Bathroom

The Bathroom was a small common bathroom as the term is commonly used. This functional space was included in the initial sampling and indicated 190 µg/100cm².

Functional Space 4: Bedroom

This small bedroom, used here as the term is commonly understood, occupies the northwest quadrant of the residence. This Functional Space also includes the closet.

Functional Space 5: Furnace System

The Furnace System in the structure is a standard residential forced air system located in the crawlspace with a ducted distribution system throughout the entire residential structure.

⁸ Asbestos Containing Materials in Schools; Final Rule and Notice, Title 40 CFR Part 763, Fed. Reg. Vol. 52, No. 210, Fri. Oct. 30, 1987



Although perhaps arguably not a functional space *per se*, FACTs included the furnace system in the composite sampling performed on April 23, 2013, and that sampling indicated a contamination level in excess of 190 µg/100 cm².

It is well established knowledge in the Industrial Hygiene and medical professions that the use of methamphetamine in a home results in elevated exposures to the occupants via airborne migration. When methamphetamine is smoked, between 80%⁹ and half¹⁰ of the substance is released from the user's pipe. Of that material which is inhaled, between 33%¹¹ and 10%¹² of the nominal dose is not absorbed into the body, but rather exhaled back into the ambient air.

Unpublished work conducted by Industrial Hygienists at the National Jewish Hospital¹³ in Denver, CO indicate that a single use of methamphetamine, by smoking, could 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 present in that structure will be exposed to airborne methamphetamine during the "smoke" and to surface methamphetamine after the 'smoke.'¹⁴

Since it is the purpose of the forced air ventilation system to move air throughout the structure, and the furnace conclusively contained elevated concentrations of

⁹ 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)

¹⁰ Cook CE, Jeffcoat AR, Hill JM, et al. *Pharmacokinetics 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.)

¹¹ 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.)

¹² 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

¹³ 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 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.)



methamphetamine, we conclude the furnace was an effective mechanism of dissemination of methamphetamine and may be a continued source of contamination until appropriately addressed.

The results of the furnace sample alone would lead a reasonable person, trained in aspects of methamphetamine laboratories, to conclude the *presence* of widespread elevated methamphetamine contamination throughout the entire occupied space, all other sample results notwithstanding, and in the absence of any sample result for any specific location.

Furthermore, since the furnace is located in the common crawlspace housing the furnace system for the adjoining residence (3832 S Knox Court), we conclude that the furnace system for that residence is similarly contaminated and that methamphetamine was probably distributed throughout that residence as well.

Functional Space 6: Crawlspace

Used here as the term is commonly understood, the crawlspace is an open 1,200 square foot area underlying all three residences of the superstructure. As already mentioned, the furnace systems for 3834 S Knox Court and 3832 S Knox Court are collocated in the crawlspace. The crawlspace is fully accessible and several items are being stored in the crawlspace. The sample collected from this space during the Preliminary Assessment indicated a methamphetamine contamination level of approximately 3 µg/100 cm². Therefore, this Functional Space could not be excluded from the remediation plan.

EXTERIOR GROUNDS

Although not truly a functional space *per se*, the exterior grounds were assessed independently. At the time of our visit, we observe a poorly kempt plot with junk, debris, and stressed vegetation throughout. However, a thorough visual inspection did not reveal sufficient evidence that spoke to illegal disposal.

SEWERAGE SYSTEM

The sewer system is “city sewer.” During our assessment, FACTs inspected the plumbing system and we presume that some waste materials were introduced into the sewer system. During the inspection we noted minimal damage to the plumbing, and we were able to trace the plumbing lines to the extent where they exited the superstructure. Based on our observations, there was no significant damage to the plumbing system. The plumbing inspection also included measurement of hydrocarbons, acid gases and phosphine in the plumbing. Each of these parameters was no greater than ambient.

SAMPLE COLLECTION

Wipe Samples

The samples collected during the April 23, 2013, cursory evaluation were composite samples of the structure to determine the possibility of the presence of methamphetamine. The regulatory constraints regarding composite samples did not apply to this particular sample suite.



The sample collected during the May 14, 2013, Preliminary Assessment site visit, was a discrete regulatory compliance sample.

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

Methamphetamine Analysis

Wipe samples were collected in a manner consistent with the intent of State regulations. The wipe sample medium was individually wrapped commercially available Johnson and Johnson™ brand gauze. Each gauze material was assigned a lot number for quality assurance and quality control (QA/QC) purposes and recorded on a log of results. Each gauze was moistened with reagent grade methyl alcohol. Each batch of alcohol was assigned a lot number for QA/QC purposes and recorded on a log of results. Each proposed sample area was delineated with a measured outline. The ruler used to measure each surface area was decontaminated with a single-use disposable alcohol wipe between samples.

Each wipe sample was collected by methodically wiping the entire surface of the selected area with moderate pressure; first in one direction and then in the opposite direction, folding the gauze to reveal fresh material as necessary. Each sample was returned to its centrifuge tube and capped with a screw-cap. The wipe samples were submitted for analysis to Reservoirs Environmental Laboratories in Denver, CO for analysis by GCMS.

QA/QC Precautions

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

Field Blanks

For QA/QC purposes, and in accordance with State requirements, one field blank was submitted for every ten wipe samples. Field blanks were randomly selected from the sampling batch and included with the samples. To ensure the integrity of the blanks, FACTs personnel are unaware, until the actual time of sampling, which specific samples will be selected as blanks. Similarly, to ensure the integrity of the blanks, laboratory personnel are never aware of the presence of the blanks in the analysis batch.

Field Spikes

As part of our general QA/QC protocol, FACTs regularly submits surreptitious spikes to the analyzing laboratory. "Spiked" samples consist of randomly selecting sampling assemblies that are submitted to a third party, independent laboratory for the inclusion of known amounts of methamphetamine into the selected samples. The spiked samples are then submitted with the normal project samples. To ensure the integrity of the spikes,



laboratory personnel are unaware of the presence or nature of the spikes. The spikes allow FACTs to determine the adequacy of the laboratory in recovering known amounts of methamphetamine from the samples. Sample results are then corrected to the spike recovery. The historical pooled spike recovery used for this sample suite is 95.6%, (n=25 and $2\sigma = 0.19 \mu\text{g}$).

Cross Contamination

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

Prior to entry into the subject property, each member of FACTs donned disposable Tyvek suits.

Collection Rationale

Primary Objective

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

Pre-decontamination sampling

In pre-decontamination sampling, the question that is being asked is "Is there evidence of the presence of methamphetamine production in this area?" The assumption (hypothesis) is that the area is clean i.e. "compliant," and data will be collected to find support for the hypothesis. Data (such as samples) are collected to "prove" the area is compliant. Sampling, if it is performed, is conducted in the areas potentially containing the highest possible concentrations of contaminants. Any data that disproves the hypothesis, including police records, visual clues of production, storage, or use or documentation of drug paraphernalia being present, is considered conclusive, and leads the consultant to accept the null hypothesis and declare the area non-compliant. The strength of evidence needed to reject the hypothesis is low, and is only that which would lead a reasonable person, trained in aspects of methamphetamine laboratories, to conclude the presence of methamphetamine, its precursors as related to processing, or waste products.

Similarly, there is a misconception that if samples are collected, and the laboratory results are below the value often misinterpreted as the State's regulatory threshold value ($0.5 \mu\text{g}/100 \text{ cm}^2$), the samples necessarily indicate that the area is not contaminated and no action is required. However, the regulatory threshold values are exclusively to be used as *prima facie* evidence during final verification challenges in the absence of all other information. Except, during a final verification or a properly designed Preliminary Assessment, there is no *de minimis* concentration of methamphetamine below which a statement of compliance can be made in the absence of final verification sampling. Although State regulation does not require samples to be collected during a Preliminary Assessment, as part of this Preliminary Assessment, a sample was collected.

For this project, FACTs had sufficient information from the cursory sampling to conclude that the contamination of the subject property was widespread, and, based on the totality



of the circumstances, in accordance with 6 CCR 1014-3, we concluded that each specific area need not be sampled.

Sample Results

Methamphetamine

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

Sample ID	Sample Location	Result	Criterion	Status
KM042313-01A	Kitchen top of cabinets	190	0.5	FAIL
KM042313-01B	Hallway top of door bell cover			
KM042313-01C	Furnace interior			
KM042313-01D	Bathroom top of medicine chest			
KM042313-01E	Bedroom blinds			
KM051413-01	Field Blank	BRL	0.05	PASS
KM051413-02	Crawlspace copper pipe	3	0.5	FAIL

Result and Criterion are expressed as $\mu\text{g}/100\text{cm}^2$ (Field blank is reported as absolute mass in μg). The symbol "<" indicates that methamphetamine was not detected at the detection limit expressed. BRL indicates the analyte was not detected in the sample.

Table 3
Results of Methamphetamine Wipe Samples

Wipe Sample Results

The samples confirmed that methamphetamine was widespread in the residence and the crawlspace.

Quality Assurance/Quality Control

The following section is required by regulation and is not intended to be understood by the casual reader.

Regulatory PA Data Set

MDL was not given; LOQ was reported as $0.05 \mu\text{g}/100\text{cm}^2$, FACTs recognizes that this information cannot be correct as the LOQ cannot be expressed as $\mu\text{g}/100\text{cm}^2$ – this is a non fatal typographical error of the analyzing laboratory; MBX <MDL, FACTs recognizes that this information also cannot be correct as the MBX cannot be expressed as $\mu\text{g}/100\text{cm}^2$ – this is a non fatal error associated with the reporting style of the analyzing laboratory; LCS mass was not given, however, the laboratory reported 105% recovery, RPD was not given. Matrix spike mass was not given, however the recovery was given as 89% (RPD was not given); Matrix spike Dup mass was not given, and the recovery was not given, however the RPD was reported to have been 1%. Surrogate spike recoveries are not given by the laboratory and are unknown. FACTs reagents: MeOH lot # A13Ø1 <MDL for n=4; Gauze lot # G12Ø1 <MDL for n=23.



Sample Locations

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

As such, during this project, the Industrial Hygienist selected those areas which had the highest probability of exhibiting the highest concentrations of contamination. Based on our experience, state of the art information on indoor methamphetamine migration patterns and professional judgment, FACTs selected specific locations throughout the subject property in an attempt to represent the highest possible concentrations of methamphetamine. Each sample area was then delineated with a measured outline.

In the figures that follow, the sample locations have been presented. The drawing is stylized and not intended to be architectural representations and is not to scale. In the diagram, the sample locations are indicated by triangles.

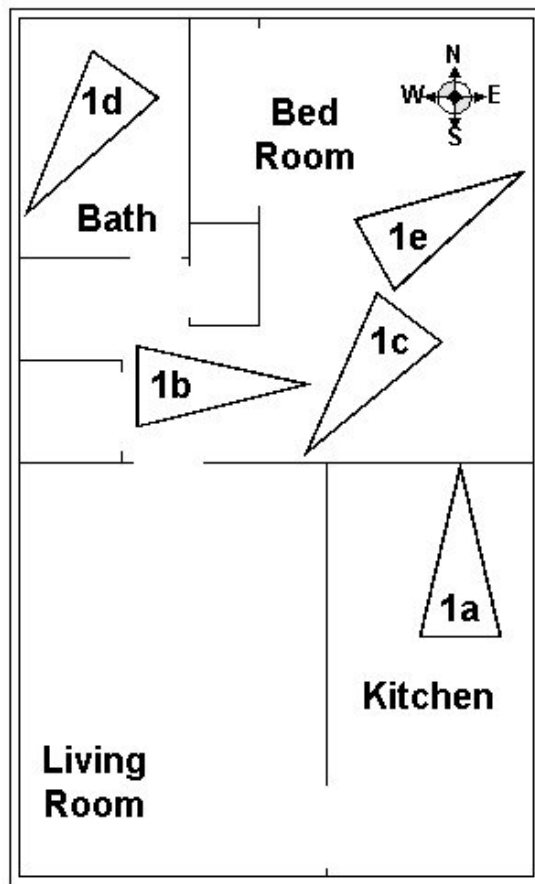


Figure 1
Main Floor Sample Locations



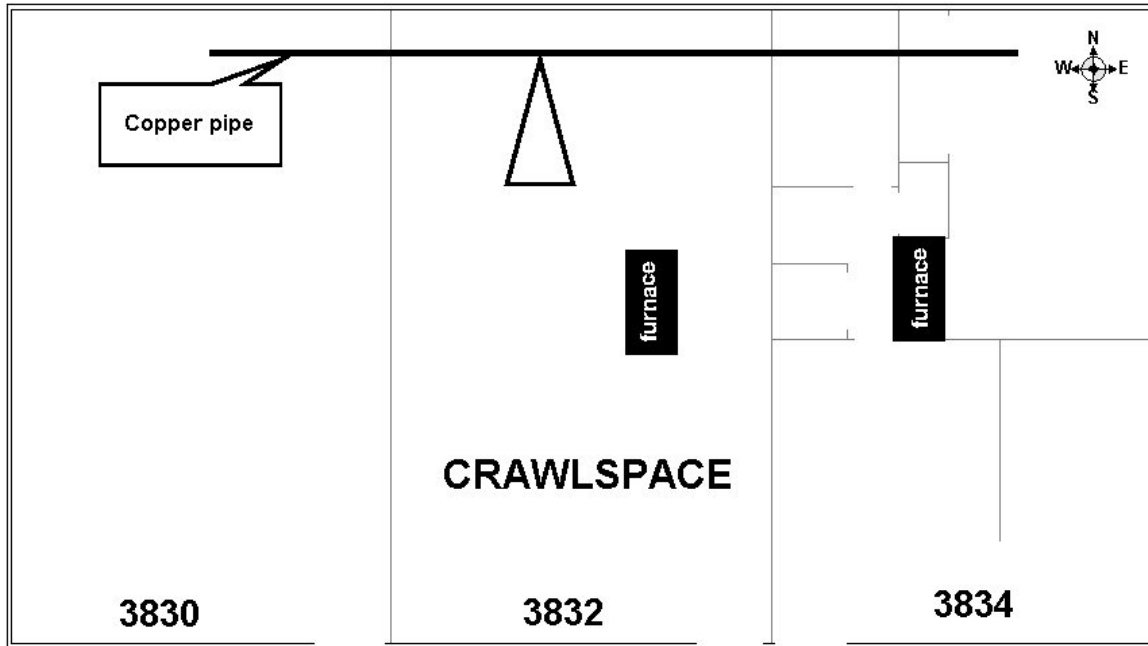


Figure 2
Crawlspace Sample Locations

Identification of Cook/Storage Areas

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

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

In this case, based on the best information available and based on visual indicators, we were not able to confidently identify *if* manufacturing took place at all, never mind *where* it may have taken place (if at all). Our best assessment at this point however is that methamphetamine was manufactured in this residence, smoked and stored at all locations throughout the residence. Methamphetamine is currently being stored at the property on all surfaces in the noncompliant functional spaces.

Identification of Contamination Migration

Based on the best information readily available, FACTs determined that methamphetamine migrated into the crawlspace, contaminating that space. Subsequent contamination was probably taken up by the adjoining furnace system and distributed to the adjoining residence (3832 S Knox Court).

The furnace system for the westernmost residence (3830 S Knox Court) is located exclusively in that residence, and not in the crawlspace. We believe, at this point, there is minimal evidence to suggest migration into that residence. However, the occupant expressed concern, and we recommend the residence be tested for possible inclusion in the remediation plan.



CONCLUSIONS

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 noncompliant methamphetamine contamination exists throughout the subject property of 3834 S Knox Court and the underlying crawlspace.

Based on our observations, all surfaces in the noncompliant functional spaces, and the furnace system and associated duct-work must be cleaned pursuant to 6 CCR 1014-3.

Universal Site Requirements

Based on our observations, and laboratory results, we recommend standard industry practices for decontamination be followed. The remediation contractor should be given full responsibility for their own standard operating procedures. The following are provided as guidance and reflect standard practices for the remediation of similar properties. The Governing Body (whoever that turns out to be) has statutory authority to require a greater degree of decontamination of the subject property.

1. An on-site storage container should be established in the back of the building (east side) on the grounds (such as a poly lined and covered roll on-roll off container (ro-ro) or temporary trailer).
2. The on-site container shall be secured with a padlock at all times when not immediately manned by remediation personnel.
3. A licensed contractor, who is trained and experienced in methlab decontamination, as required by State regulations, should be contracted for the decontamination work. All work performed at the subject property 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*.
4. All remediation work should be presumed to be pursuant to Title 29 of the Code of Federal Regulations, §1910.120 until otherwise indicated. By virtue of this PA, the contractor may presume that 29 CFR 1910.120(c)(5)(iii) has been met, and pursuant to 29 CFR 1910.120(c)(5)(iv), the hazards of the site have been identified, and the appropriate PPE would be a Level C ensemble. We recommend the decontamination process be conducted in Level C PPE ensemble with a minimum of half-face APRs.
5. 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. If the air monitoring results in a concentration of greater than 120 µg methamphetamine per cubic meter of air, the



contractor is required to upgrade respiratory protection to a minimum of either full face APR or PAPR.

6. We recommend that a decontamination corridor with showers be established on the east side of the property – donning and doffing of PPE and entry into the structure should be performed outdoor, in the yard.
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 with open communication and cooperation with any law enforcement agency or municipal/county regulators who request information.
9. Any contractors (and their subcontractors) should be contractually obligated, through a written contract, 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.
10. Contractors should be contractually obligated to cover costs of return visits by the Industrial Hygienist and sample expenses, as a result of a failed final clearance(s).
11. State regulations prohibit painting or otherwise encapsulating surfaces prior to final clearance sampling by the Industrial Hygienist.
12. State regulations prohibit the use of strong oxidizers to mask the presence of methamphetamine; no cleaning agents greater than 5% hydrogen peroxide (or other oxidizer) are permitted on site.
13. Following the decontamination process, and prior to the final clearance sampling by the Industrial Hygienist, the remediation contractor/subcontractor should be contractually obligated to collect one QA/QC wipe sample from the residence and one from the crawlspace of the subject property, as part of their own QA program, and required to submit that sample for methamphetamine analysis. The contractor should be contractually obligated to provide their wipe sampling data (including location of sample, area of sample, and analysis result), to the consulting Industrial Hygienist for review prior to final clearance sampling.
14. If the contractor's QA/QC samples suggest that contamination in either location remains at a concentration in excess of $0.35 \mu\text{g}/100 \text{ cm}^2$, the contractor should be contractually obligated to continue to clean, and sample, until the elevated concentrations are not observed.



15. Once the contractor's sample indicates the contamination has been sufficiently reduced, the Industrial Hygienist should perform final clearance sampling according to 6-CCR 1014-3.

Decontamination of the Residence

Although FACTs does not believe that the furnace can be economically decontaminated, the contractor may propose removal of the furnace and associated ductwork, *in toto*, or may propose cleaning and decontamination of the ventilation system.

For this property, FACTs is of the opinion that it is not economically advisable to attempt salvage of any fixtures, cabinets or appliances. Bathroom porcelain items are salvageable. The remediation contract should specify which fixtures and appliances and cabinetry are to be salvaged (if any).

The following decontamination process should take place in this order: (any asbestos or lead paint abatement notwithstanding):

1. Turn off the gas line to the unit.
2. Establish negative pressure inside the unit pursuant to State regulations. The contractor should visually inspect each critical barrier and ensure proper negative pressure. (Once cleaning of the crawlspace begins, negative pressure should be established in the crawlspace, specifically).
3. The contractor shall be required to periodically check and monitor the negative enclosure to ensure that the negative pressure (pressure differential) between the work area and the adjoining residences is not less than 0.02 inches of water column at all times.
4. Exhaust from the negative enclosure may take place at any eastern location (bedroom or kitchen windows).
5. No work, except as needed to establish critical barriers, shall begin until negative pressure is established. Makeup air shall be drawn in a crossways fashion (e.g. from the bathroom window).
6. Negative pressure should be maintained at all times while work is occurring. Depending on the level of noise generated by the negative pressure machines, it may become necessary to shut down the machines during the night. If this is the case, then the makeup air location shall be sealed with a critical barrier at the end of each shift, and re-opened at the beginning of the next shift.
7. The contractor should establish a standard, two-chambered decon and/or bag-out/load-out at the entrance door.



8. Once negative pressure is established, any small salvageable items (such as the ladder and the small hand tools), may be merely washed and wiped down and handed out through the air lock to the owner (the resident of 3830 S Knox Court).
9. Once all small items have been removed, decontamination of the remaining areas may progress.
10. Window coverings (window blinds) shall be discarded.
11. Once all items are bagged and/or wrapped, the items can be transported through the airlock and transloaded to the bag-out. At the bag-out, the exterior surfaces of the bags and wrapping should be wiped down, and the bags and items may be discarded.
12. All remaining surfaces in the remediation areas including all ceilings, all hanging fixtures, all cabinets (interior and exterior surfaces), all shelving, all floors, doors, hinges, bathtubs, sinks, appliances (interior and exterior surfaces), and every other interior surface whether specifically mentioned or not, shall be thoroughly wiped down to remove residual contamination.

Enclosures: One CD; Data package, and Appendices follow.



APPENDIX A:

SUPPORTING DOCUMENTS





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

FACTs project name: Knox	Form # ML1
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

PROPERTY DESCRIPTION:

Physical address	3834 South Knox Court Lakewood, CO 80236-6121 Also listed as: 3834 South Knox Court Denver, CO 80236-6121	
Legal description or VIN	Parcel #: 2077-05-2-23-004 Neighborhood: West Englewood/Sheridan Industrial Neighborhood Code: 3025 Legal: LOT 4 BLK 10 SHERIDAN 1ST ADD	
Registered Property Owner	Hien Ngo 3834 South Knox Court Lakewood, CO 80236-6121 Also listed as: Hien Ngo 3834 South Knox Court Denver, CO 80236-6121	
Number of structures	One	
Type of Structures	3834 S Knox <hr/> Superstructure	615 Square feet <hr/> 1,848 Square feet
Adjacent and/or surrounding properties	North: Single family residence <hr/> South: Single family residence <hr/> East: Residential yard and alley <hr/> West: Street front	
General Property Observations	Poorly maintained structure and residence	
Presumed Production Method	Pseudoephedrine reduction	

PLUMBING INSPECTION AND INVENTORY

FACTs project name: Knox	Form # ML2
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Functional Space	Room	Fixture	Indicia?	Comments
3	Bathroom # 1	Bath		
3	Bathroom # 1	Shower		
3	Bathroom # 1	Sink 1		
3	Bathroom # 1	Toilet		
2	Kitchen	Dishwasher		No dishwasher
2	Kitchen	North Sink		
1	Laundry Room	Washing machine		No washing machine

THIS SPACE BLANK

VENTILATION INSPECTION AND INVENTORY

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



FUNCTIONAL SPACE INVENTORY

FACTs project name: Knox	Form # ML3
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Structure Number	Functional Space Number	Indicia (Y/N)	Describe the functional space (See drawings for delineating structural features)
1	1	Y	Living room, Hallway, Hot water closet
1	2	Y	Kitchen
1	3	Y	Bathroom
1	4	Y	Bedroom
1	5	Y	Furnace System
1	6	Y	Crawlspace
1	7	NA	Attic – identified here for acknowledgement only

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LAW ENFORCEMENT DOCUMENTATION

FACTs project name: Knox	Form # ML4
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

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





FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

May 9, 2013

Lakewood Police Department
Records
City of Lakewood
480 S. Allison Pkwy,
Lakewood, CO 80226

Via Fax: 303-987-7359

Dear Records:

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

3834 Knox Court, Lakewood CO

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

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

Forensic Applications takes extreme caution to protect all Law Enforcement Sensitive information. When requested by the Law Enforcement Agency, we do NOT reveal names, document identities, or include any information considered sensitive by an investigating agency. We have developed a close working relationship with Lakewood Police Department in the past, and we value the close working relationship you have extended on other properties. I have included my SOQ. Please feel free to call me directly with any comments or questions.

Pursuant to CRS §24-72-305.5, I affirm that upon receipt of requested records of official actions and/or criminal justice records from the Lakewood Police Department, such records shall not be used for the direct solicitation of business for pecuniary gain.

Sincerely,

Caoimhín P. Connell
Forensic Industrial Hygienist

Your transaction was completed successfully.

Transaction #: 289882
Issued: 10-May-2013 09:40 AM

Information

e-Mail
Address admin@forensic-applications.com
(optional):
Payor Name: Forensic Applications, Inc
Payor Phone: 303-903-7494

Description

Order Other Police Report

Payment Amount:\$15.00

Company Name:	Forensic Applications, Inc.
Requestor Name:	Caoimhín P. Connell
Requestor Address:	185 Bounty Hunter Lane
City:	Bailey
State:	CO
Zip:	80421
Phone:	303-903-7494
Email:	admin@forensic-applications.com
Location of Incident:	3834 Knox Court, Lakewood CO
Incident Date From:	01-Jan-2004
Incident Date To:	10-May-2013
List People Involved:	Any and all
Report Description:	Forensic Applications, Inc. has been contracted to perform a

SubTotal :	\$15.00
N/A :	\$.00
Total:	\$15.00

Payment: MasterCard - ***** - XX/XX USD\$15.00
Reference Number: 001 033513

Online Payment Receipt - 303777

Friday, May 10, 2013 9:47 AM

"DoNotReply@denvergov.org" <DoNotReply@denvergov.org>
[Add sender to Contacts](#)

From:

admin@forensic-applications.com

To:

City and County of Denver
Online Payment Receipt

Transaction #: 303777
Date: 10-MAY-2013 09:40AM

e-Mail Address: admin@forensic-applications.com
Payor Name: Forensic Applications, Inc
Payor Phone: 303-903-7494

Order Other Police Report (2720)
Company Name: Forensic Applications, Inc.
Requestor Name: Caoimhín P. Connell
Requestor Address: 185 Bounty Hunter Lane
City: Bailey
State: CO
Zip: 80421
Phone: 303-903-7494
Email: admin@forensic-applications.com
Location of Incident: 3834 Knox Court, Lakewood CO
Incident Date From: 01-Jan-2004
Incident Date To: 10-May-2013
List People Involved: Any and all
Report Description: Forensic Applications, Inc. has been contracted to perform a ;Preliminary Assessment; an illegal clandestine drug lab pursuant to Colorado Board Of Health Regulations 6-CCR-1014-3, and CRS §25-18.5-101 et seq. The property is located in the City of Denve

Amount: \$15.00

Total Items: \$15.00
Total Convenience Fee: \$.00
Total Payment: \$15.00

Barber, Bonnie - DPD

From: DoNotReply@denvergov.org
Sent: Friday, May 10, 2013 9:48 AM
To: admin@forensic-applications.com
Subject: Online Payment Receipt - 303777

City and County of Denver
Online Payment Receipt

Transaction #: 303777
Date: 10-MAY-2013 09:40AM

e-Mail Address: admin@forensic-applications.com Payor Name: Forensic Applications, Inc Payor
Phone: 303-903-7494

Order Other Police Report (2720)
Company Name: Forensic Applications, Inc.
Requestor Name: Caoimhín P. Connell
Requestor Address: 185 Bounty Hunter Lane
City: Bailey
State: CO
Zip: 80421
Phone: 303-903-7494

Email: admin@forensic-applications.com
Location of Incident: 3834 Knox Court, Lakewood CO Incident Date From: 01-Jan-2004 Incident
Date To: 10-May-2013 List People Involved: Any and all Report Description: Forensic
Applications, Inc. has been contracted to perform a ¿Preliminary Assessment¿ an illegal
clandestine drug lab pursuant to Colorado Board Of Health Regulations 6-CCR-1014-3, and CRS
§25-18.5-101 et seq. The property is located in the City of Denve

Amount:	\$15.00

Total Items:	\$15.00
Total Convenience Fee:	\$.00
Total Payment:	\$15.00

Payment Method: MC Credit-Integrated *****8378 01/16 Authorization Number: 132675

Thank you for your business.

ENTERED



CITY AND COUNTY OF DENVER
DEPARTMENT OF SAFETY
FIRE • POLICE • SHERIFF
9-1-1 • COMMUNITY CORRECTIONS
CRIME PREVENTION & CONTROL • SAFE CITY

Civil Liability Bureau
Denver Police Department
1331 Cherokee Street
Room 504
Denver, CO 80204-2720
Phone: (720) 913-6362
Fax: (720) 913-7035

Attention: Forensic Applications Inc

Date: 05/21/2013

Regarding: 3834 Knox Court

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

_____ The investigation on this case is still active or the criminal or traffic charges have not been adjudicated, we cannot release the report. Please resubmit your request again at a later date.

_____ Additional information is required to complete your request, please contact us.

_____ A Supplemental report was not required for this case.

_____ There are no witness statements in the case file.

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

_____ This request is a General Sessions Case; you may obtain a copy from the Denver County Court, General Sessions Division, Room #160, in the Lindsey-Flanigan Courthouse 520 W. Colfax Ave. 720-337-0410.

_____ This request involves a State/County Misdemeanor, you may obtain a copy from the Denver County Court, Criminal Division, Room #160, Room #160, in the Lindsey-Flanigan Courthouse 520 W. Colfax Ave. 720-337-0410.

_____ This request pertains to a Traffic Citation you may obtain a copy of the ticket from the Denver County Court, Traffic Division, Room #135, 1437 Bannock St. 720-865-7840.

_____ This information must be obtained through the prosecuting attorney's office, under a "Motion of Discovery". Please contact the District Attorney's Office 720-913-9000 or City Attorney's Office 720-913-8050.

_____ These records cannot be made available to the public under the provisions of Colorado's public records laws. Names and identifying information of victims of sexual assault or alleged sexual assault cannot be released.

We were unable to complete your request based upon the information provided.
Address not valid in Denver

Thank you, Denver Police Department, Civil Liability Bureau

FIELD OBSERVATIONS

FACTs project name: Knox	Form # ML5
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Structure:

Indicator	Functional Space	Indicator	Functional Space
Acids	No Comment	Match components	No Comment
Aerosol cans	1①	Mercury	No Comment
Alcohols (MeOH, EtOH)	No Comment	Methamphetamine	Throughout
Ammonia	No Comment	Modified coolers/containers	No Comment
Ammunition	No Comment	Modified electrical	No Comment
Artistic expressions	No Comment	Modified plumbing	No Comment
Bags of salt	No Comment	Modified structure	No Comment
Bases	No Comment	Modified ventilation	No Comment
Basters/Pipettes	No Comment	Needles/Syringes	No Comment
Batteries	1①	OTC Containers	No Comment
Bi-phasic wastes	No Comment	OTC drugs	No Comment
Booby traps	No Comment	pH papers/indicators	No Comment
Bullet holes	No Comment	Phenyl-2-propanone	No Comment
Burn marks	No Comment	Pornography, Sex toys	No Comment
Cat litter	No Comment	Prescription drugs	No Comment
Chemical storage	1①	Presence of cats	No Comment
Colored wastes	No Comment	Propane bottles	No Comment
Corrosion on surfaces	1,2,3	Pseudoephedrine	No Comment
Death bag	No Comment	Red P	No Comment
Delaminating paint	No Comment	Red Staining	No Comment
Drug paraphernalia	No Comment	Reserved	No Comment
Empty OTC Containers	No Comment	Salters	No Comment
Ephedrine	No Comment	Security devices	No Comment
Feces	No Comment	Signs of violence	No Comment
Filters	No Comment	Smoke detectors disabled	No Comment
Forced entry marks	No Comment	Solvents - (organic)	No Comment
Funnels	No Comment	Squalor	No Comment
Gang markings	No Comment	Staining on floors	No Comment
Gas cylinders	No Comment	Staining on walls or ceiling	No Comment
Gerry cans	No Comment	Stash holes	No Comment
Glassware	No Comment	Taping on surfaces	No Comment
Graffiti	No Comment	Tubing	No Comment
Heating mantle/hot plate	No Comment	Urine containers	No Comment
Hidden items	No Comment	Wall anchors	No Comment
Hydrogen peroxide	No Comment	Wall coverings	No Comment
Iodine	No Comment	Wall damage	No Comment
Lead	No Comment	Weapons	No Comment
Lithium	No Comment	Window block material	No Comment
Marijuana	No Comment	Yellow staining	No Comment

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



CONTAMINANT MIGRATION OBSERVATIONS

FACTs project name: Knox	Form # ML6
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

See body of report

DRAWING OF COOK AREA(S)

FACTs project name: Knox	Form # ML10
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

See Body of report

DRAWING OF STORAGE/DISPOSAL AREA(S)

FACTs project name: Knox	Form # ML11
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

See Body of report

DRAWING OF GENERAL LAB AREA

FACTs project name: Knox	Form # ML12
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

See Body of report



INDIVIDUAL SEWAGE DISPOSAL SYSTEM FIELD FORM

FACTs project name: Knox	Form # ML7
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

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

*NC = Not checked

Qualitative Organic Vapor Monitoring

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

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

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

Locator Notes:

No location required for this property



PRE-REMEDIATION PHOTOGRAPH LOG SHEET

FACTs project name: Knox	Form # ML8
Date: May 14, 2013	
Reporting IH:	Caoimhín P. Connell, Forensic IH

Name ▲	Date Picture Taken	Name ▲	Date Picture Taken	Name ▲	Date Picture Taken
Bath	5/14/2013 11:29 AM	Crawlspace (9)	5/14/2013 11:47 AM	Hall (5)	5/14/2013 11:29 AM
Bath (2)	5/14/2013 11:29 AM	Crawlspace (10)	5/14/2013 11:56 AM	Hall (6)	5/14/2013 11:29 AM
Bath (3)	5/14/2013 11:29 AM	Exterior	5/14/2013 11:05 AM	Hall (7)	5/14/2013 11:29 AM
Bath (4)	5/14/2013 11:30 AM	Exterior (2)	5/14/2013 11:05 AM	Hall (8)	5/14/2013 11:29 AM
Bath (5)	5/14/2013 11:30 AM	Exterior (3)	5/14/2013 11:05 AM	Hall (9)	5/14/2013 11:29 AM
Bath (6)	5/14/2013 11:30 AM	Exterior (4)	5/14/2013 11:05 AM	Hall (10)	5/14/2013 11:29 AM
Bdrm	5/14/2013 11:29 AM	Exterior (5)	5/14/2013 11:09 AM	Hall (11)	5/14/2013 11:30 AM
Bdrm (2)	5/14/2013 11:31 AM	Exterior (6)	5/14/2013 11:09 AM	Hall (12)	5/14/2013 11:30 AM
Bdrm (3)	5/14/2013 11:31 AM	Exterior (7)	5/14/2013 11:09 AM	Hall (13)	5/14/2013 11:30 AM
Bdrm (4)	5/14/2013 11:31 AM	Exterior (8)	5/14/2013 11:09 AM	Hall (14)	5/14/2013 11:32 AM
Bdrm (5)	5/14/2013 11:31 AM	Exterior (9)	5/14/2013 11:09 AM	HallCloset	5/14/2013 11:30 AM
Bdrm (6)	5/14/2013 11:31 AM	Exterior (10)	5/14/2013 11:09 AM	HallCloset (2)	5/14/2013 11:30 AM
Bdrm (7)	5/14/2013 11:31 AM	Exterior (11)	5/14/2013 11:09 AM	HallCloset (3)	5/14/2013 11:30 AM
Bdrm (8)	5/14/2013 11:31 AM	Exterior (12)	5/14/2013 11:09 AM	HallCloset (4)	5/14/2013 11:30 AM
Bdrm (9)	5/14/2013 11:31 AM	Exterior (13)	5/14/2013 11:09 AM	HallCloset (5)	5/14/2013 11:30 AM
Bdrm (10)	5/14/2013 11:31 AM	Exterior (14)	5/14/2013 11:09 AM	Kitchen	5/14/2013 11:27 AM
Bdrm (11)	5/14/2013 11:31 AM	Exterior (15)	5/14/2013 11:09 AM	Kitchen (2)	5/14/2013 11:27 AM
Bdrm (12)	5/14/2013 11:31 AM	Exterior (16)	5/14/2013 11:10 AM	Kitchen (3)	5/14/2013 11:27 AM
Bdrm (13)	5/14/2013 11:31 AM	Exterior (17)	5/14/2013 11:10 AM	Kitchen (4)	5/14/2013 11:27 AM
Bdrm (14)	5/14/2013 11:32 AM	Exterior (18)	5/14/2013 11:10 AM	Kitchen (5)	5/14/2013 11:27 AM
Bdrm (15)	5/14/2013 11:32 AM	Exterior (19)	5/14/2013 11:10 AM	Kitchen (6)	5/14/2013 11:27 AM
BdrmCloset	5/14/2013 11:34 AM	Exterior (20)	5/14/2013 11:10 AM	Kitchen (7)	5/14/2013 11:28 AM
BdrmCloset (2)	5/14/2013 11:34 AM	Exterior (21)	5/14/2013 11:10 AM	LivingRm	5/14/2013 11:27 AM
BdrmCloset (3)	5/14/2013 11:34 AM	exterior (22)	5/14/2013 11:11 AM	LivingRm (2)	5/14/2013 11:27 AM
BdrmCloset (4)	5/14/2013 11:32 AM	Exterior (23)	5/14/2013 11:11 AM	LivingRm (3)	5/14/2013 11:27 AM
BdrmCloset (5)	5/14/2013 11:35 AM	Exterior (24)	5/14/2013 11:11 AM	LivingRm (4)	5/14/2013 11:28 AM
Crawlspace	5/14/2013 11:44 AM	Exterior (25)	5/14/2013 11:11 AM	LivingRm (5)	5/14/2013 11:28 AM
Crawlspace (2)	5/14/2013 11:44 AM	Exterior (26)	5/14/2013 11:25 AM	LivingRm (6)	5/14/2013 11:28 AM
Crawlspace (3)	5/14/2013 11:47 AM	Exterior (27)	5/14/2013 11:25 AM	LivingRm (7)	5/14/2013 11:28 AM
Crawlspace (4)	5/14/2013 11:47 AM	Exterior (28)	5/14/2013 11:27 AM	LivingRm (8)	5/14/2013 11:28 AM
Crawlspace (5)	5/14/2013 11:47 AM	Hall	5/14/2013 11:28 AM	LivingRm (9)	5/14/2013 11:28 AM
Crawlspace (6)	5/14/2013 11:47 AM	Hall (2)	5/14/2013 11:28 AM	LivingRm (10)	5/14/2013 11:28 AM
Crawlspace (7)	5/14/2013 11:47 AM	Hall (3)	5/14/2013 11:28 AM	Plumbing	5/14/2013 11:27 AM
Crawlspace (8)	5/14/2013 11:47 AM	Hall (4)	5/14/2013 11:29 AM	Plumbing (2)	5/14/2013 11:27 AM
Name ▲	Date Picture Taken				
Plumbing (3)	5/14/2013 11:30 AM				
Plumbing (4)	5/14/2013 11:39 AM				
Plumbing (5)	5/14/2013 11:39 AM				
Plumbing (6)	5/14/2013 11:39 AM				
plumbing (7)	5/14/2013 11:40 AM				
plumbing (8)	5/14/2013 11:40 AM				
Plumbing (9)	5/14/2013 11:40 AM				
Plumbing (10)	5/14/2013 11:42 AM				
Plumbing (11)	5/14/2013 11:42 AM				
Sample 1	5/14/2013 11:55 AM				
Sample 1 (2)	5/14/2013 11:55 AM				
Sample 1 (3)	5/14/2013 11:56 AM				
TankCover	5/14/2013 11:41 AM				
TankCover (2)	5/14/2013 11:41 AM				
TankCover (3)	5/14/2013 11:41 AM				
water heater	5/14/2013 11:29 AM				
water heater (2)	5/14/2013 11:29 AM				





FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

CERTIFICATION, VARIATIONS AND SIGNATURE SHEET

FACTs project name: Knox	Form # ML14
Date: May 14, 2013	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Certification

Statement	Signature
I do hereby certify that I conducted a preliminary assessment of the subject property in accordance with 6 CCR 1014-3, § 4.	
I do hereby certify that the property has been decontaminated in accordance with the procedures set forth in 6 CCR 1014-3, § 5.	XXXXXXXXXXXXXXXXXX
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.

See the discussion on law enforcement documentation.

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

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

Signature  Date: May 28, 2013





**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:	Knox Court	Form # ML15
Date	May 28, 2013	
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Caoimhín P. Connell, has been involved in clandestine drug lab investigations since 2002 and meets the Colorado Revised Statutes §24-30-1402 definition of an "Industrial Hygienist." He has been a practicing Industrial Hygienist in the State of Colorado since 1987 and is the contract Industrial Hygienist for the National Center for Atmospheric Research. Mr. Connell is a recognized authority in drug-lab operations and is a Certified Instructor in Meth-Lab Safety through the Colorado Regional Community Policing Institute (Colorado Department of Public Safety, Division of Criminal Justice). Mr. Connell was the lead instructor for the Colorado Division of Criminal Justice and has provided over 260 hours of methlab training for officers of over 25 Colorado Police agencies, 20 Sheriff's Offices, federal agents and probation and parole officers throughout Colorado judicial districts. He has provided meth-lab lectures to prestigious organizations such as the County Sheriff's of Colorado, the American Industrial Hygiene Association, US Air Force, and the National Safety Council.

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

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

Mr. Connell is a current law enforcement officer in the State of Colorado, who has conducted clandestine laboratory investigations and performed risk, contamination, hazard and exposure assessments from both the law enforcement (criminal) perspective, and from the civil perspective in residences, apartments, motor vehicles, and condominiums. Mr. Connell has conducted over 355 assessments in illegal drug labs in Colorado, Nebraska and Oklahoma, and collected over 3,280 samples during assessments (a detailed list of drug lab experience is available on the web at):

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

He has extensive experience performing assessments pursuant to the Colorado meth-lab regulation, 6 CCR 1014-3, (State Board Of Health *Regulations Pertaining to the Cleanup of Methamphetamine Laboratories*) and was an original team member on two of the legislative working-groups which wrote the regulations for the State of Colorado. Mr. Connell was the primary contributing author of Appendix A (*Sampling Methods And Procedures*) and Attachment to Appendix A (*Sampling Methods And Procedures Sampling Theory*) of the Colorado regulations and a Recommended Peer Review Expert for the U.S. NIOSH 9109 Method, *Methamphetamine*. He has provided expert witness testimony in several criminal cases including Grand Jury testimony and testimony for US Bureau ATF and he testified before the Colorado Board of Health and Colorado Legislature Judicial Committee regarding methlab issues. Mr. Connell has provided services to private consumers, Indian Nations, State Investigators, and Federal Investigators with forensic services and arguments against corrupt regulators, fraudulent industrial hygienists, and unauthorized consultants performing invalid methlab assessments.

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

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

APPENDIX B

ANALYTICAL REPORTS FOR FACTS SAMPLES



Forensic Applications

Final Report

RES 257933-1

April 30, 2013

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Cover Sheet	1
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April 30, 2013

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 257933-1
Project # / P.O. #: Knox
Project Description: None Given

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

Dear Customer,

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

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

RES 257933-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

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

Jeanne Spencer Orr
President

Analyst(s): 
Mike Schaumloeffel

RESERVOIRS ENVIRONMENTAL, INC.

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

TABLE I. ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 257933-1**
Client: **Forensic Applications**
Client Project Number / P.O.: **Knox**
Client Project Description: **None Given**
Date Samples Received: **April 23, 2013**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **5 Day**
Date Samples Analyzed: **April 30, 2013**

Client ID Number	Lab ID Number	Reporting Limit** (µg)	METHAMPHETAMINE CONCENTRATION (µg)
KM042313-01	EM 944532	0.3	108.00

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

** Client specified reporting limit.

RESERVOIRS ENVIRONMENTAL, INC.

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

QUALITY CONTROL: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 257933-1**
Client: **Forensic Applications**
Client Project Number / P.O.: **Knox**
Client Project Description: **None Given**
Date Samples Received: **April 23, 2013**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **5 Day**
Date Samples Analyzed: **April 30, 2013**

Quality Control Batch	Reporting Limit ($\mu\text{g}/100\text{cm}^2$)	Matrix Blank ($\mu\text{g}/100\text{cm}^2$)	Matrix Duplicate (% RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
1	0.05	BRL	6	92	93

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

** These analytical results meet NELAC requirements.

RES 257933

REILAB Reservoirs Environmental, Inc.

Due Date: 4.30.13
Due Time: 10AM

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

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

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES									
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCB - 7400A, 7400B, OSHA	DUST - Total, Respirable		METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY	SAMPLER'S INITIALS OR OTHER NOTES: SPECIAL REPORTING LIMIT	REPORTING LIMIT	Sample Volume (l) / Area	Matrix Code	Date Collected mm/dd/yy	Time Collected hh:mm:ap
1 KM042313-01											W 1	4/23/2013		944532
2														
3														
4														
5														
6														
7														
8														
9														
10														

Number of samples received: 1 (Additional samples shall be listed on attached long form.)

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

Relinquished By: Cacimhin P. Connell Date/Time: 4/23/13 10:00AM

Received By: [Signature] Date/Time: 4.23.13 10AM Carrier: ttamca

Results: Contact Phone Email Fax Initials Time Date
 Contact Phone Email Fax Initials Time Date
4-30-13 Time 1:55 Initials [Signature]



Forensic Applications

Final Report

RES 259569-1R

May 21, 2013

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Chain of Custody	5



May 21, 2013

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 259569-1R
Project # / P.O. #: Knox
Project Description: None Given

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

Dear Customer,

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

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

RES 259569-1R is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

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

Jeanne Spencer Orr
President

Analyst(s): 
Mike Schaumloeffel

RESERVOIRS ENVIRONMENTAL, INC.

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

TABLE I. ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 259569-1R**
 Client: **Forensic Applications**
 Client Project Number / P.O.: **Knox**
 Client Project Description: **None Given**
 Date Samples Received: **May 14, 2013**
 Analysis Type: **Methamphetamine by GCMS**
 Turnaround: **5 Day**
 Date Samples Analyzed: **May 21, 2013**

Client ID Number	Lab ID Number	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)
KM051413-01	EM 955704	0.05	BRL
KM051413-02	EM 955705	0.05	13.00

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

RESERVOIRS ENVIRONMENTAL, INC.

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

QUALITY CONTROL: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 259569-1R**
Client: **Forensic Applications**
Client Project Number / P.O.: **Knox**
Client Project Description: **None Given**
Date Samples Received: **May 14, 2013**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **5 Day**
Date Samples Analyzed: **May 21, 2013**

Quality Control Batch	Reporting Limit ($\mu\text{g}/100\text{cm}^2$)	Matrix Blank ($\mu\text{g}/100\text{cm}^2$)	Matrix Duplicate (% RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
1	0.05	BRL	1	89	105

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

** These analytical results meet NELAC requirements.

Due Date: 5/21/13
Due Time: 2:55

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: **Forensic Applications, Inc**

Address: 185 Bounty Hunters Lane
Bailey, CO 80421

Company: **Caoimhin P. Connell**

Phone: 303-903-7494

Fax:

Cell/pager:

Project Number and/or P.O. #: **KNOX**

Project Description/Location:

Final Data Deliverable Email Address: **admin@forensic-applications.com**

Contact:

Phone:

Fax:

Cell/pager:

ASBESTOS: LABORATORY HOURS: Weekdays: 7am - 7pm
PLM / PCM / TEM RUSH (Same Day) PRIORITY (Next Day) STANDARD
(Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
Metal(s) / Dust RUSH 24 hr. 3-5 Day
RCRA 8 / Metals & Welding RUSH 5 day 10 day
Fume Scan / TCLP RUSH 24 hr. 3-5 Day
Organics 24 hr. 3 day X 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
E.coli O157:H7, Coliforms, Saureus 24 hr. 2 Day 3-5 Day
Salmonella, Listeria, E.coli, APC, Y & M RUSH 24 Hr. 48 Hr. 3 Day 5 Day
Mold RUSH 24 Hr. 48 Hr. 3 Day 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
E.coli O157:H7, Coliforms, Saureus 24 hr. 2 Day 3-5 Day
Salmonella, Listeria, E.coli, APC, Y & M RUSH 24 Hr. 48 Hr. 3 Day 5 Day
Mold RUSH 24 Hr. 48 Hr. 3 Day 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.
Special Instructions: Standard REI Reportable limits. Please report all samples as total µg.
Please use entire sample.

Client sample ID number (Sample ID's must be unique)

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

Client sample ID number	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Salmonella +/-	E.coli O157:H7 +/-	Listeria +/-	Aerobic Plate Count +/- or Quantification	Coliforms +/- or Quantification	Saureus +/- or Quantification	Y & M +/- or Quantification	Mold +/-, Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES: Not submitted	Sample Volume (l) / Area	Matrix Code	# Containers	Date Collected mm/dd/yyyy	Time Collected hh:mm alp	EM Number (Laboratory Use Only)
1 KM051413-01							X										W 1	W 1	5/14/2013	05:45	955704	
2 KM051413-02							X										W 1	W 1	5/14/2013	05	7	
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Relinquished By: Caoimhin Connell Date/Time: 5/14/13 2:55
Laboratory Use Only Received By: [Signature] Date/Time: 5.14.13 2:55 Carrier: Amel
Sealed Yes/No: Yes On Ice Yes/No: Yes Sample Condition: Temp. (F): _____
Results: Contact Phone Email Fax Date Time Initials Date Time Initials
Contact Phone Email Fax Date Time Initials Date Time Initials
5213 2:55 [Signature]

APPENDIX C

COMPACT DIGITAL DISK (PHOTOGRAPHS AND ADDITIONAL DOCUMENTATION)

