



**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.**

**Final Verification Sampling and  
DECISION STATEMENT  
of an  
Identified Illegal Drug Laboratory  
at:**

**Apartment 46  
Union Square Apartments  
13050 West Cedar Drive  
Lakewood, CO 80228-1901**

Jefferson County Environmental Health Services Case Number  
14-108675 SR

**Prepared for:**

**Risk Management Inc.,  
17560 South Golden Road  
Golden, CO 80401**

Prepared by:

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

July 29, 2014



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## EXECUTIVE SUMMARY

On Monday, March 17, 2014, Lakewood Police Department (Colorado) conducted a law enforcement action at Apartment 46, of the Union Square Apartments located at 13050 West Cedar Drive, Lakewood, CO 80228-1901 (subject property). During that activity, Law Enforcement Officers determined that methamphetamine was being used at the subject property.

On Thursday, April 10, 2014, personnel from FACTs determined that a statutory illegal drug laboratory had been identified pursuant to CRS 25-18.5-103(1)(a) and the law enforcement actions met the definition of “discovery” and “notification” of an illegal drug laboratory and triggered Colorado Regulation 6 CCR 1014-3. During the April 10, 2014 visit, FACTs performed nonregulatory academic screening sampling for methamphetamine. That academic sampling confirmed widespread and profoundly elevated concentrations of methamphetamine in the subject property.

FACTs was subsequently authorized by the Property Owner’s representative to proceed with a standard State-mandated Preliminary Assessment (PA) of the subject property. From April 11, until May 5, 2014, personnel from FACTs performed the PA pursuant to Colorado Regulation 6 CCR 1014-3, Part 4.

From May 30, 2014 to approximately June 5, 2014, Rocky Mountain Environmental Inc. performed asbestos abatement in Apartment 46 and in the northern stairwell of 13050 West Cedar Drive, Lakewood, CO, which provides access to the front entrance of Apartment 46.

On June 6, 2014, FACTs personnel were asked to perform a visual inspection of the apartment. FACTs performed a nonmandatory and nonregulatory visual inspection.

From approximately June 10, 2014 to June 12, 2014, InSure Fire and Water Restoration performed decontamination activities in the stairwell at the subject property.

On June 12, 2014, FACTs personnel arrived at the subject property to perform regulatory sampling in the common front stairway. That sample indicated compliance for that functional space (common front stairway).

From June 12, 2014 to June 25, 2014, InSure Fire and Water Restoration performed decontamination activities in the main portions of the residence (Apartment #46).

On June 25, 2014, FACTs personnel arrived at the subject property to perform regulatory sampling in the main residence. Regulatory samples indicated that the Functional Space once containing the Living Room remained noncompliant.

From June 25, 2014 to June 26, 2014, InSure Fire and Water Restoration performed additional decontamination activities in the main portions of the residence.



On June 27, 2014, FACTs personnel arrived at the subject property to perform regulatory sampling in the last remaining noncompliant space; that sample indicated compliance for the final functional space and permitted FACTs to issue this Decision Statement releasing the entire subject property.

Based on the analytical results of the objective sampling, and based on our observations, and based on the totality of the circumstances, FACTs concludes that insufficient information exists to support the hypothesis that any area in the property is noncompliant.

Therefore, pursuant to State Board of Health Regulations, FACTs accepts the null hypothesis, and is **required** by State Regulation to issue this **DECISION STATEMENT** and hereby declares the subject property compliant with CRS 25-18.5-103 (2)(a).<sup>1</sup>

FACTs makes the recommendation to the Governing Body for this subject property to allow immediate reoccupancy of the subject property without further action.

FACTs also respectfully reminds the Governing Body that pursuant to 38-35.7-103(4)(b), the property is no longer eligible for inclusion on any government-sponsored informational service which lists properties that have been used for the production/use of methamphetamine.

## REGULATORY REQUIREMENTS

### ***Federal Requirements***

All work performed by FACTs was consistent with OSHA regulations. The two remediation contractors were each responsible for ensuring their own compliance with OSHA. FACTs has no firsthand knowledge of the remediators' actions, activities or procedures at the subject property. However, FACTs is not aware of any violations of OSHA regulations during this project.

In general, Title 29 Code of Federal Regulations Part 1910.120 states, that the "HaZWoper" section is applicable for:

*Clean-up operations required by a governmental body, whether Federal, state local or other involving hazardous substances that are conducted at uncontrolled hazardous waste sites ... 1910.120(a)(1)(iii) Voluntary clean-up operations at sites recognized by Federal, state, local or other governmental bodies as uncontrolled hazardous waste sites.*

However, that Federal Standard also states:

*29 CFR §1910.120(a)(1) Scope. This section covers the following operations, unless the employer can demonstrate that the operation does not involve*

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<sup>1</sup> As the interim provisions exist at the time of this report, the provisions of SB13-219 notwithstanding.



employee exposure or the reasonable possibility for employee exposure to safety or health hazards:

For this project, the asbestos removal company was required to have the 40 Hour OSHA training for the demolition phase. Once the asbestos abatement was completed, all known and anticipated chemical hazards and safety hazards were mitigated thus removing the applicability of 29 CFR §1910.120 training provisions.

Therefore, for this project, 29 CFR §1910.120 did not apply pursuant to the exemption provisions provided in 29 CFR §1910.120 (a)(1), as determined by Forensic Applications, Inc. pursuant to §1910.120(c)(2).

### **State Requirements**

The Colorado State Board Of Health *Regulations Pertaining to the Cleanup of Methamphetamine Laboratories* (6-CCR 1014-3) become applicable when an owner of a property has received notification from a peace officer that chemicals, equipment, or supplies indicative of a drug laboratory are located at the property or when a drug laboratory is otherwise discovered and the owner of the property where the drug laboratory is located has received notice. Whenever a methlab has been so discovered, the property must be either demolished or documented as containing contaminant levels below statutory thresholds.<sup>2</sup>

After a property has been remediated, an Industrial Hygienist must test the hypothesis that the property is not compliant with State Statutes (i.e. the property contains contamination levels in excess of regulatory thresholds). As part of the hypothesis testing, the Industrial Hygienist must, at some point, perform objective sampling to quantify the remaining contamination (if any).

If, based on the totality of the circumstances, the Industrial Hygienist finds insufficient evidence to support the hypothesis that any given area is noncompliant,<sup>3</sup> **that area shall be deemed to be compliant with CRS §25-18.5-103 (2)(a) and the Industrial Hygienist shall release the property.**<sup>4</sup>

In order for a proper final declaration to be made, a final decontamination verification assessment must be performed by an Industrial Hygienist as defined in CRS §24-30-1402. For this subject property, decontamination verification was performed by Mr.

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<sup>2</sup> The actual contaminant thresholds will vary based on the type of activities identified at the lab; the actual statutory threshold is incumbent on the number of samples collected as a composite or discrete samples.

<sup>3</sup> No guarantee is ever made or implied that the property is completely free of contamination. Rather, a reasonable, standardized approach to decontamination is executed.

<sup>4</sup> 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.



Caoimhín P. Connell, Forensic Industrial Hygienist, who meets the statutory definition of an Industrial Hygienist and is entitled to practice Industrial Hygiene in the State of Colorado, and is additionally qualified to perform the necessary testing.

According to 6-CCR 1014-3, specific mandatory information must be presented in the final verification assessment. Included with this discussion is a DVD which contains mandatory information. This Decision Statement is not complete without the DVD. Table 1, below, summarizes the mandatory information:

Mandatory Final Documents 6-CCR1014-3	DOCUMENTATION	Included
§8.1	Property description field form	Note 1
§8.2	Description of manufacturing methods and chemicals	Note 1
§8.3	Law Enforcement documentation review discussion	Note 1
§8.4	Description and Drawing of Storage area(s)	Note 1
§8.5	Description and Drawing of Waste area(s)	Note 1
§8.6	Description and Drawing of Cook area(s)	Note 1
§8.7	Field Observations field form	Note 1
	FACTs Functional space inventory field form	Note 1
§8.8	Plumbing inspection field form (no plumbing for final)	<i>Carl</i>
	FACTs ISDS field form	NA
§8.9	Contamination migration field form	Note 1
§8.10	Identification of common ventilation systems	Note 1
§8.11	Description of the sampling procedures and QA/QC	<i>Carl</i>
§8.12	Analytical Description and Laboratory QA/QC	<i>Carl</i>
§8.13	Location and results of initial sampling with figures	Note 1
§8.14	FACTs health and safety procedures in accordance with OSHA	<i>Carl</i>
§8.15	Contractor's description of decontamination procedures and each area that was decontaminated	<i>Carl</i>
§8.16	Contractor's description of removal procedures each area where removal was conducted, and the materials removed	<i>Carl</i>
§8.17	Contractor's description of encapsulation areas and materials	<i>Carl</i>
§8.18	Contractor's description of waste management procedures	<i>Carl</i>
§8.19	Drawing, location and results of final verification samples	<i>Carl</i>
§8.20	FACTs Pre-remediation photographs and log	<i>Carl</i>
	FACTs Post-remediation photographs and log	<i>Carl</i>
§8.21	FACTs SOQ	<i>Carl</i>
§8.22	Certification of procedures, results, and variations	<i>Carl</i>
§8.23	Mandatory Certification Language	<i>Carl</i>
§8.24	Signature Sheet	<i>Carl</i>
NA	Analytical Laboratory Reports	<i>Carl</i>
	FACTs Field Sampling Forms	<i>Carl</i>

Note 1: See the Preliminary Assessment dated May 5, 2014 (included with this Decision Statement on the DVD) and filed with the appropriate Governing Body.

**Table 1**  
**Inventory of Mandatory Final Information**



To avail of the civil liability immunity provided by CRS §25-18.5-103(2)(a) and to ensure complete compliance with State regulations, this Decision Statement must be submitted to the Governing Body with jurisdiction over the property. Based on the best information available, the *de facto* “Governing Body” as defined in CRS 25-18.5-101(7) for this property is:

Craig Sanders, R.S.  
Jefferson County Public Health  
Environmental Health Services Division  
645 Parfet Street, Lakewood CO 80215

FACTs will supply a copy of this document, complete with all appendices as a digital disc, to the Governing Body via registered mail through the US Post Office.

## **VERIFICATION SAMPLING**

### ***Sample Collection***

During the post mitigation verification sampling, wipe samples were used in our decision making process. Exclusively, discrete samples were collected for regulatory compliance verification from suitable surfaces at the subject property. All samples were collected by FACTs personnel in a manner consistent with State Regulation 6-CCR 1014-3.

For this property, it was FACTs’ professional opinion that, based on the totality of the circumstances, both authoritative judgmental biased sampling and random sampling would be appropriate. As such, FACTs selected areas that, based on our observations, had the highest probability of bearing contamination, and for some areas, FACTs allowed a random number generator identify the eligible surface for sampling.

### **Wipe Samples**

The wipe sample medium was individually wrapped commercially available Johnson & Johnson™ gauze pads (FACTs Lot# G13Ø1). Each pad was moistened with reagent grade methyl alcohol (FACTs Lot# A13Ø2). Each gauze pad was prepared in a clean environment and inserted into an individually identified plastic centrifuge tube with a screw-cap.

Prior to the collection of each sample, the Industrial Hygienist donned a fresh pair of surgical gloves and decontaminated the pliable measuring ruler with a disposable alcohol wipe to prevent the possibility of cross-contamination.

Each wipe sample was collected by methodically wiping the entire surface of the selected area with moderate pressure; first in one direction and then in the opposite direction, folding the gauze to reveal fresh material as necessary. Each sample was returned to its centrifuge tube and capped with a screw-cap.



Samples were maintained in the control of FACTs at all times, and submitted under chain of custody to Reservoirs Environmental Laboratories, Denver, Colorado for analysis by GCMS.

## **Quality Assurance/Quality Control Precautions**

### **Field Blanks**

For QA/QC purposes, and in accordance with State requirements, at least one field blank was submitted per 10 sample suite. The field blanks were randomly selected from 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 tube would be submitted as a blank. To ensure the integrity of the blank, laboratory personnel were not informed which specific sample(s), if any, may have been blank. The history of the FACTs sampling media has consistently demonstrated a media and solvent contamination level below the analytical detection limit for the method. For this project, FACTs reagents blank information for methyl alcohol lot #A13Ø2 is less than the method detection limit for n=32 and gauze lot #G13Ø1 is less than the method detection limit for n=32.

### **Field Spikes**

Although not required by regulations, as part of our general QA/QC protocol, FACTs regularly submits surreptitious spikes to the analyzing laboratory. "Spiked" samples consist of randomly selecting samples that are submitted to a third party independent laboratory for the inclusion of known amounts of *d*-methamphetamine<sup>5</sup> into the selected samples. The spiked samples are then surreptitiously 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 reported in the Decision Statement are then corrected to the spike recovery.

In this case, we used the pooled spike recovery from all previous projects which indicates a spike recovery of 96.8% recovery (n=31,  $\sigma = 0.14 \mu\text{g}$ ). All final results were spike-corrected.

### **Cross Contamination**

Prior to entering the property, the Industrial Hygienist and the Field Technician donned disposable Tyvek suits and/or booties. Prior to the collection of each specific sample area, fresh surgical gloves were donned, to protect against the possibility of cross contamination. The pliable rulers used to delineate sample areas were decontaminated with disposable alcohol wipes between each sample.

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<sup>5</sup> S(+)-methamphetamine, S,S(+)-pseudoephedrine, 1S,2R(+)-ephedrine

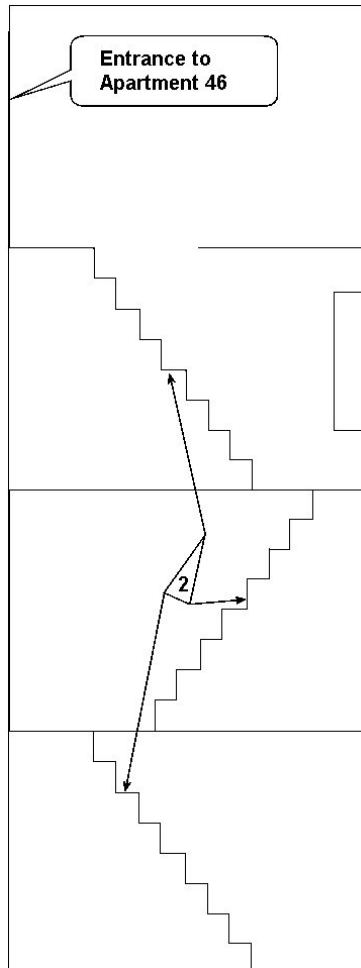




## Sample Locations

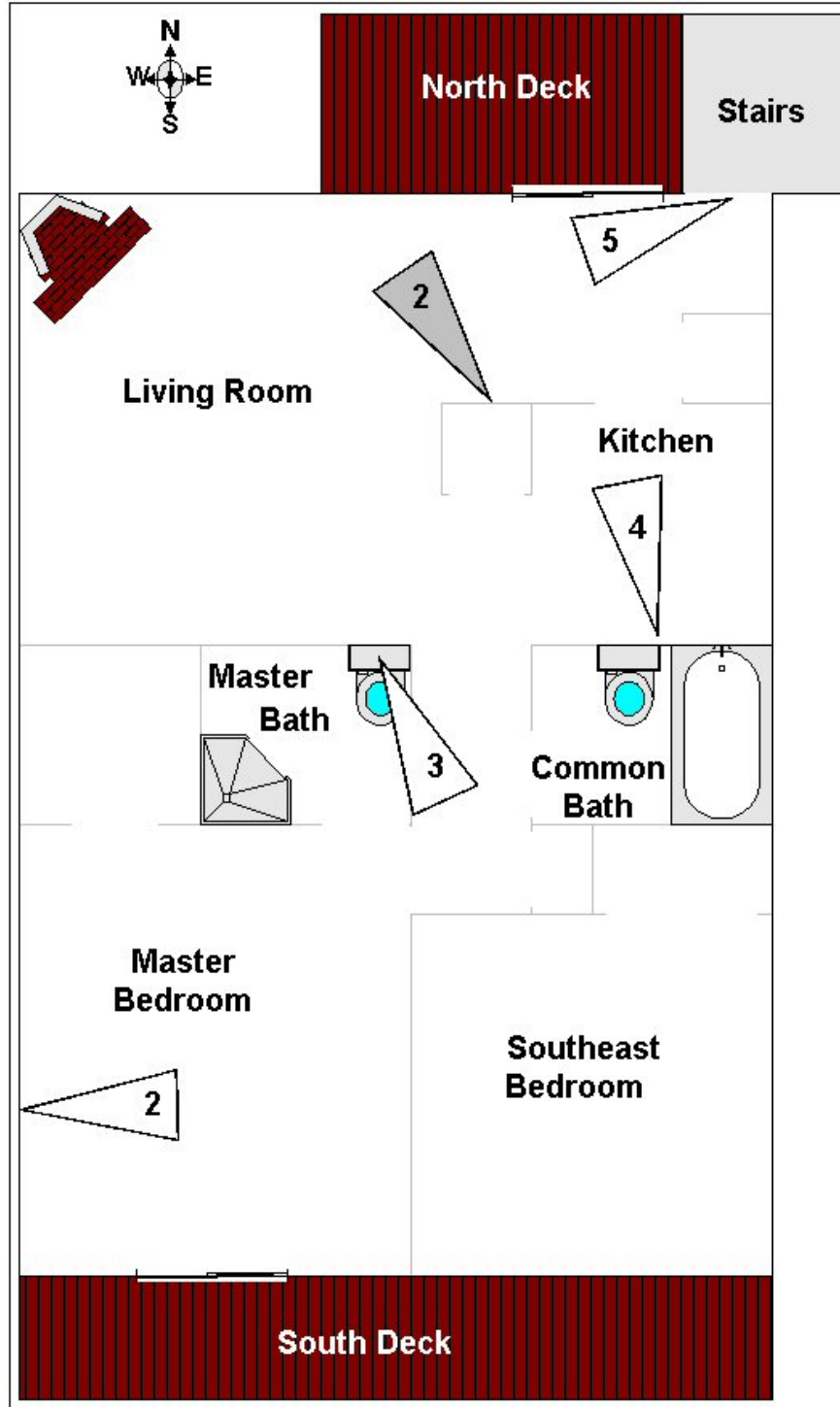
The drawings below identify the locations of each final verification sample. For this project, except for the stairwell, the property (Apartment #46) was completely gutted and the interior of the structure had essentially been demolished. Therefore the regulatory concept of “Functional Space” was largely rendered meaningless (it became impossible to sample each “Functional Space” within the context of the regulation). Essentially, the interior of the residence was converted structurally into a single large “Functional Space” with complete removal of all original Functional Space delineators. The final structure was essentially a large empty cube. Therefore, FACTs focused its attention on worst-case scenario sample locations.

The regulatory sample locations are identified in the figures below. The following drawings are not architectural drawings and are not to scale. In Figure 2, the white triangles represent the samples collected on June 25, 2014 and the shaded triangle represents the sample collected on June 27, 2014.



**Figure 1**  
**Stairway Sample Location**





**Figure 2**  
**Apartment 46 Sample Locations**



## **Quality Assurance / Quality Control**

The following section is not intended to be understood by the casual reader; this mandatory QA/QC section is standard SW846 style QA/QC reporting. All abbreviations are standard laboratory use.

The laboratory report identifies the RL (LOQ) and MBX as  $\mu\text{g}/100\text{cm}^2$ ; FACTs recognizes that this information cannot be correct as the RL and MBX cannot be expressed as  $\mu\text{g}/100\text{cm}^2$  – this is a non fatal error associated with the analyzing laboratory, and the actual units are stipulated as absolute micrograms per sample. Similarly, the laboratory identifies the final results as a “concentration.” This too is a nonfatal error on the part of the laboratory and the results are expressed in absolute mass.

### **QA/QC Data Set 1 (June 12, 2014)**

MDL was not specified by the laboratory; LOQ was 0.05  $\mu\text{g}$ ; MBX <LOQ; LCS mass was not provided by the laboratory reported as 101% recovery; Matrix spike mass was not reported but the laboratory reported 94% with a matrix spike Dup RPD of 3%. No surrogate spikes reported. FACTs reagents: MeOH lot # A13Ø2 <MDL for n=28 (>MDL for n=0); Gauze lot # G13Ø1 <MDL for n=28 (>MDL for n=0). The QA/QC indicate a no bias and the QA/QC are within normal tolerances.

### **QA/QC Data Set 2 (June 25, 2014)**

MDL was not specified by the laboratory; LOQ was 0.05  $\mu\text{g}$ ; MBX <LOQ; LCS mass was not provided by the laboratory reported as 99% recovery; Matrix spike mass was not reported but the laboratory reported 95% with a matrix spike Dup RPD of 1%. No surrogate spikes reported. FACTs reagents: MeOH lot # A13Ø2 <MDL for n=29 (>MDL for n=0); Gauze lot # G13Ø1 <MDL for n=29 (>MDL for n=0). The QA/QC indicate a no bias and the QA/QC are within normal tolerances.

### **QA/QC Data Set 3 (June 27, 2014)**

MDL was not specified by the laboratory; LOQ was 0.05  $\mu\text{g}$ ; MBX <LOQ; LCS mass was not provided by the laboratory reported as 93% recovery; Matrix spike mass was not reported but the laboratory reported 93% with a matrix spike Dup RPD of <1%. No surrogate spikes reported. FACTs reagents: MeOH lot # A13Ø2 <MDL for n=30 (>MDL for n=0); Gauze lot # G13Ø1 <MDL for n=30 (>MDL for n=0). The QA/QC indicate a no bias and the QA/QC are within normal tolerances.



### **Final Verification Sample Results**

In the table below, we have presented the results of the final verification sampling. In the following table, the “Result” values are expressed as µg/100 cm<sup>2</sup>, unless otherwise indicated.

Date	Sample ID	Location	Area cm <sup>2</sup>	Results
06/12/14	UM061214-01	Field Blank	NA	<0.05*
06/12/14	UM061214-02	Common Stairway railing	500	0.02
06/25/14	UM062514-01	Field Blank	NA	<0.05*
06/25/14	UM062514-02	Master bedroom electrical wire west wall	500	0.01
06/25/14	UM062514-03	Master bathroom toilet cistern	500	0.02
06/25/14	UM062514-04	Kitchen inter-wall sewer pipe	500	0.08
06/25/14	UM062514-05	Living room back of entrance door	500	1.12
06/27/14	UM062714-01	Field Blank	NA	<0.05*
06/27/14	UM062714-02	Living Room exposed plumbing	500	0.07

\* Absolute micrograms; “<” is “less than;” Passing criterion for each discrete sample was 0.5 µg/100cm<sup>2</sup>; passing criterion for BXs was the LOQ, 0.05 µg absolute.

**Table 2  
Summary of Final Sample Results**



## CONCLUSIONS

Diligent adherence to State regulations does not guarantee that a remediated property will be completely free of all residual methamphetamine. Rather, the purpose of the regulations is to ensure that properties are assessed and remediated in a consistent fashion, and that verification of remediation is performed in a scientifically valid manner.

In the absence of contradictory information, inaccessible places in the residence (such as wall cavities) are presumed to contain *de minimis* methamphetamine residue. These residues are not considered to be toxicologically significant, and are not within the definition of “contamination” as defined by State regulation. Furthermore, these areas are reasonably considered to be “no-contact” or “low-contact” areas that do not present a reasonable probability of exposure. However, for this subject property, there are no longer walls and, therefore, no wall cavities.

Pursuant to the current state of knowledge, and pursuant to state regulations, “contaminant” is defined as “...a chemical residue that may present an immediate or long-term threat to human health and the environment.” The risk models<sup>6</sup> described in the supporting documentation for 6-CCR 1014-3, suggest that exposure to *de minimis* concentrations from these areas would not reasonably pose “an immediate or long-term threat to human health and the environment” and, therefore, the presumed residues (if they exist) do not meet the definition of “contamination.”

In post-decontamination sampling, the hypothesis is made that the area is noncompliant, and data are collected to test the hypothesis. The lack of data supporting the hypothesis leads the Industrial Hygienist to accept the null hypothesis, and regulations require the Industrial Hygienist to thus conclude that the area is compliant.

In this case, there were no visual indicators that supported the hypothesis and the sampling failed to demonstrate that the subject property was non-compliant. As such, pursuant to 6-CCR 1014-3, we accept the null hypothesis and find the subject property at 13050 West Cedar Avenue, Apartment #46 (and common front stairway), Lakewood, Colorado 80228, compliant as defined in 6-CCR 1014-3. We recommend the property be immediately released for occupancy.

-\*\*END\*\*-

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<sup>6</sup> *Support For Selection Of A Cleanup Level For Methamphetamine At Clandestine Drug Laboratories*, Colorado Department Of Public Health And The Environment, February 2005



**APPENDIX A**  
**REMIEDIATOR'S SUBMITTALS**



## ROCKY MOUNTAIN ENVIRONMENTAL, INC.

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**940 Home Farm Circle, Westminster Colorado 80234 Phone: 303.748.0895 Fax: 888.200.0412**

July 8, 2014

**Client:** Risk Management, Inc.

17560 S. Golden Road

Golden, Co. 80401

**Project Address:** Union Square Apartments 13050 W. Cedar Drive, Unit B46 Lakewood, Colorado 80226

**RE:** Asbestos Abatement Project

Rocky Mountain Environmental, Inc. (RME) was obtained by Risk Management, Inc. to perform asbestos abatement services at their project located at 13050 W. Cedar Avenue, Bld. B Unit #46 Lakewood, Colorado 80226. RME is a certified Colorado General asbestos abatement contractor license #20416 Expiration date of May 21, 2015. The Colorado Department of Public Health and Environment (CDPHE) permit was approved and acquired for a start date of May 30, 2014. Permit # 14JE2822A.

**Scope of work for Unit 46 is as follows:**

All asbestos containing walls and ceilings were to be abated inside the unit, the top floor ceiling of the stairwell area, and in addition all remaining contents, cabinets, and appliances inside the unit were to be disposed of asbestos containing material. Approximately 2300 square feet of asbestos containing drywall was abated and disposed of.

On May 30<sup>th</sup>, 2014 RME mobilized project and performed set up of all containment barriers and operational negative air machines. A required 3 piece decontamination unit was placed at the South entrance door. All containment set up, abatement and disposal was in compliance with all applicable Federal, State, and local Regulations. Disposal of all material and contents from the unit were transported to a certified landfill. All abatement was completed by June 5, 2014, and final inspections and air clearances were performed by Risk Management, Inc.

You will find attached a copy of the Colorado Regulation 8, RME Corporate Safety training program, Health and Safety Policy and the Respirator training program. Also attached are copies of the landfill waste manifests, and permit associated with this project.

If you require any additional information I may be reached at (303)748-0895.

*Sharon L. Major*

Operations Manager

**Colorado Department of Public Health and Environment**  
 Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit  
 4300 Cherry Creek Drive South, APCD-IE-B1  
 Denver, Colorado 80246-1530  
 Phone: 303-692-3100 – Fax: 303-782-0278  
 E-mail: asbestos@state.co.us

## ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

### ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

### THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

*Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.*

This asbestos abatement permit is valid beginning 5/30/2014 through 11:59 PM on 6/28/2014.

The actual scheduled work dates are from 5/30/2014 through 6/13/2014.

Approval issued on: 5/28/2014

Fee paid: \$400.00

Record number: 99250

Check number: CC 8703

Notice Number: 14JE2822A

Project Supervisor:

Variance: ~~None~~

**Ivan C. Garcia**

Comments: None

Certification No.: 9461

For the location specified below:

Project AMS:

**Union Square Apartments**

**Alexis L. Jackson**

**Unit #46**

Certification No.: 8982

**13050 W. Cedar Dr.**

**Lakewood**

Project Manager:

**Jefferson County**

This permit has been issued to:

**Rocky Mountain Environmental, Inc.**

**9400 Home Farm Circle**

**Westminster, CO 80234**

Issued by: BW

*Becky Wilson*



**Colorado Department of Public Health and Environment**  
 Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit  
 4300 Cherry Creek Drive South, APCD-IE-B1  
 Denver, Colorado 80246-1530  
 Phone: 303-692-3100 – Fax: 303-782-0278  
 E-mail: asbestos@state.co.us

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- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

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Project Supervisor:

Variance: None

**Ivan C. Garcia**

Comments: None

Cerification No.: 9461

For the location specified below:

Project AMS:

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**Alexis L. Jackson**

**Unit #46**

Cerification No.: 8982

**13050 W. Cedar Dr.**

**Lakewood**

Project Manager:

**Jefferson County**

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**9400 Home Farm Circle**  
**Westminster, CO 80234**

Issued by: BW

*Becky Wilson*

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number N / A	2. Page 1 of 1	3. Emergency Response Phone (800) 424-9300	4. Waste Tracking Number 063292
5. Generator's Name and Mailing Address <i>Union Sq. Apartments #46-13050 W. Cassia Dr. Lead CO (303) 748-0896</i>		Generator's Site Address (if different than mailing address) <i>skylines 17560 S. Garden Rd. #200 Garden, Colo 80401</i>			
6. Transporter 1 Company Name <i>Rocky Mtn Environmental</i>		U.S. EPA ID Number			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Denver Arapahoe Disposal Site 3500 South Gun Club Road Aurora CO 80018</i>		U.S. EPA ID Number			
Facility's Phone: <i>(720) 876-2620</i>					
GENERATOR	9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	1. RQ, NA 2212, Asbestos, 9, PG III  115204CO	No.	Type	6	NONE
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information <i>Sealed, labeled.</i> Customer Acct #: D 15221 Customer Name: ROCKY MOUNTAIN ENVIRONMENTAL, INC. Transporter 1 address & phone #: <i>940 Home Farm Circle</i> Transporter 2 address & phone #: <i>West. Colo 80234 (303) 366-7664</i>					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and governmental regulations.					
Generator's/Offeror's Printed/Typed Name <i>Union Square Apt. #46</i>		Signature <i>[Signature]</i>		Month <i>6</i>	Day <i>8</i>
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Year <i>14</i>	
16. Transporter Acknowledgement of Receipt of Materials		Date leaving U.S.:			
TRANSPORTER	Transporter 1 Printed/Typed Name <i>[Signature]</i>	Signature <i>[Signature]</i>		Month <i>6</i>	Day <i>11</i>
	Transporter 2 Printed/Typed Name	Signature		Month	Day <i>17</i>
DESIGNATED FACILITY	17. Discrepancy				
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number				
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
Landfill _____ Monofill <i>S32</i> Location: <i>PAOS 2159911</i>					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name <i>Aspen Peterson</i>		Signature <i>[Signature]</i>		Month <i>6</i>	Day <i>12</i>
				Year <i>14</i>	

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number N / A	2. Page 1 of 1	3. Emergency Response Phone (800) 424-9300	4. Waste Tracking Number 063289	
5. Generator's Name and Mailing Address Alexis Jackson 13050 W. Cedar Ave Lake wood CO, 80826 #46 Generator's Phone: (303) 949-0011			Generator's Site Address (if different than mailing address) Same			
6. Transporter 1 Company Name Rocky mt Environmental			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Denver Arapahoe Disposal Site 3500 South Gun Club Road Aurora CO 80018 Facility's Phone: (720) 876-2620			U.S. EPA ID Number			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. RQ, NA 2212, Asbestos, 9, PG III 115204CO				24dr		NONE
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Customer Acct #: D 15221 - Customer Name: ROCKY MOUNTAIN ENVIRONMENTAL, INC. Transporter 1 address & phone #: Transporter 2 address & phone #:						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and governmental regulations.						
Generator's/Offlor's Printed/Typed Name Alexis Jackson		Signature Alexis Jackson (OK)		Month 6	Day 3	Year 14
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Transporter Signature (for exports only): Date leaving U.S.:						
16. Transporter Acknowledgement of Receipt of Materials						
Transporter 1 Printed/Typed Name Drew A. Powell		Signature DAP		Month 6	Day 3	Year 14
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)						
Month Day Year						
Landfill		Monofill 532		Location: DADS 2161394		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17c						
Printed/Typed Name Joseph Montoya		Signature [Signature]		Month 6	Day 3	Year 14

## **Insure Fire and Water Restoration, Inc.**

4880 Ironton Street  
Unit F  
Denver, CO 80239  
Phone:303-778-6000  
Fax:303-778-1304



### **Address Decontaminated:**

Apartment 46  
Union Square Apartments  
13050 West Cedar Drive  
Lakewood, CO 80228-1901

### **OSHA Requirements and waste management procedures:**

All decontamination work was not completed following all OSHA standards and regulations. For this project, 29 CFR §1910.120 did not apply pursuant to the exemption provisions provided in 29 CFR §1910.120 (a)(1), as determined by Forensic Applications, Inc. pursuant to §1910.120(c)(2). Therefore, no Hazwoper training was required for this project, and no further consideration is given to the OSHA HazWoper provisions. However, proper personal protection equipment was worn during all phases of the decontamination. A decontamination chamber was initially set up in front main entrance to the common area and then in the rear of the apartment 46 through the sliding glass door. All waste was removed to a secure on site dumpster, where materials were disposed of in accordance to local rules and regulations. There was no waste manifest generated.

### **Decontamination procedures and item removal:**

#### **PHASE ONE**

Phase One consisted of decontaminating the northern Entrance of the building or the common area. Critical barriers were established at the front doorway of the common area. We also installed critical barriers on the front door of all apartments connected to the front common area. The front common area was then placed under negative pressure of greater than  $-.2''$

wc. This was observed by FACTS. We then cleaned the common area. It was cleaned using the single wipe method. The solution used to clean the walls, ceilings, framework, handrail doors and trim of the common area was mild detergent water and less than a 3% Hydrogen Peroxide Solution. We steam cleaned the carpet with Steam and a mild detergent. After cleaning the common area sampling results came back below the regulatory limits. We then removed the critical barriers to allow tenants access to their apartments via their front doors.

## **PHASE TWO**

Phase Two consisted of cleaning the apartment on the third floor #46 we established critical barriers at the front and rear doorway of the apartment. Critical barriers were also installed at the chase next to the furnace and all plumbing pipes where air could be drawn from the plumbing vent stacks, as well as all exhaust vent pipes including the fireplace. The entire unit was placed under negative air with more than  $-.2$ " wc. This was observed by FACTS. Upon arrival to the unit we found that drywall, insulation, carpet, cabinets and sinks of the unit had been removed by an asbestos remediation company. We have no record of the company that performed this work. We proceeded to clean all surfaces using hepa vacuuming and the single wipe method. We cleaned all remaining studs, outlets, junction boxes, floor surfaces, plumbing fixtures, pipes, wiring including windows and doors. The solution used to clean the apartment was a mild detergent water and less than a 3% Hydrogen Peroxide Solution. We paid particular attention to the painted brick mantel and cleaned it as thoroughly as possible due to the amount of soot on the face of the mantel. We finished the cleaning of the fireplace using a wire brush and a final cleaning with rubbing alcohol. The forced air HVAC system was still intact upon our arrival. The forced air HVAC system was completely removed wrapped in plastic and discarded. The property manager had the AC unit refrigerant evacuated prior to our removal of the system. After cleaning FACTS tested the unit, most samples came back below regulatory limits. However, the sample taken from the interior of the front door was still above regulatory limits. The front door had been clean several times prior to testing. As per a recommendation from FACTS a new critical barrier was erected in the

hallway of the common area in front of the apartment and the front door slab was removed wrapped in plastic and discarded. The door jambs and metal sill were re-cleaned. Upon retesting all samples came back below the regulatory limit.

The processes detailed above brought the methamphetamine within regulatory guidelines in both PHASE ONE and PHASE TWO.

**Areas of Encapsulation:**

There were no areas of encapsulation.

**APPENDIX B**  
**POST-REMEDIATION PHOTOGRAPH LOG SHEET**



## POST-REMEDATION PHOTOGRAPH LOG SHEET

<b>FACTs project name: Union Square</b>	<b>Form # ML9</b>
<b>Date: July 29, 2014</b>	
<b>Reporting IH:</b>	<b>Caoimhín P. Connell, Forensic IH</b>

Name ▲	Date Picture Taken
Apt 46	6/9/2014 4:25 PM
Apt 46 Notice	6/9/2014 4:24 PM
Apt 46 Notice (2)	6/9/2014 4:24 PM
Apt 46 Notice (3)	6/9/2014 4:24 PM
Apt 46 Notice (4)	6/9/2014 4:24 PM
Apt 46 Notice (5)	6/9/2014 4:24 PM
Apt 46 Notice (6)	6/9/2014 4:25 PM
Duct	6/9/2014 4:27 PM
Duct (2)	6/9/2014 4:28 PM
Duct (3)	6/9/2014 4:28 PM
Duct (4)	6/9/2014 4:28 PM
Exterior	6/9/2014 4:10 PM
Exterior (2)	6/9/2014 4:10 PM
FireExtinguisher	6/9/2014 4:22 PM
FireExtinguisher (2)	6/9/2014 4:22 PM
Furnace	6/9/2014 4:30 PM
Interior	6/9/2014 4:25 PM
Interior (2)	6/9/2014 4:25 PM
Interior (3)	6/9/2014 4:26 PM
Interior (4)	6/9/2014 4:26 PM
Interior (5)	6/9/2014 4:26 PM
Interior (6)	6/9/2014 4:26 PM
Interior (7)	6/9/2014 4:26 PM
Interior (8)	6/9/2014 4:26 PM
Interior (9)	6/9/2014 4:28 PM
Interior (10)	6/9/2014 4:29 PM
Interior (11)	6/9/2014 4:29 PM
Interior (12)	6/9/2014 4:29 PM
Interior (13)	6/9/2014 4:29 PM
Interior (14)	6/9/2014 4:29 PM
Interior (15)	6/9/2014 4:30 PM
Interior (16)	6/9/2014 4:30 PM
Interior (17)	6/9/2014 4:30 PM
Interior (18)	6/9/2014 4:30 PM
Interior (19)	6/9/2014 4:30 PM
Stairway	6/9/2014 4:17 PM
Stairway (2)	6/9/2014 4:17 PM
Stairway (3)	6/9/2014 4:18 PM
Stairway (4)	6/9/2014 4:18 PM
Stairway (5)	6/9/2014 4:19 PM
Stairway (6)	6/9/2014 4:19 PM

Name ▲	Date Picture Taken
entrance 42	6/24/2014 11:20 AM
Entrance 43	6/24/2014 11:20 AM
Entrance 44	6/24/2014 11:20 AM
Entrance 45	6/24/2014 11:20 AM
Entrance 46 and 47	6/24/2014 11:21 AM
Exterior	6/24/2014 11:27 AM
Exterior (2)	6/24/2014 11:27 AM
Exterior (3)	6/24/2014 11:27 AM
Exterior (4)	6/24/2014 11:28 AM
Front entrance	6/24/2014 11:20 AM
Sample 2	6/24/2014 11:20 AM
Sample 2 (2)	6/24/2014 11:20 AM
Stairway (3)	6/24/2014 11:20 AM





**POST-REMEDIATION PHOTOGRAPH LOG SHEET**

<b>FACTs project name: Union Square</b>	<b>Form # ML9</b>
<b>Date: July 29, 2014</b>	
<b>Reporting IH:</b>	<b>Caoimhín P. Connell, Forensic IH</b>

Name ^	Date Picture Taken
Exterior	6/25/2014 2:37 PM
Exterior (2)	6/25/2014 2:37 PM
Exterior (3)	6/25/2014 2:37 PM
Exterior (4)	6/25/2014 2:41 PM
Exterior (5)	6/25/2014 2:41 PM
Exterior (6)	6/25/2014 2:41 PM
Exterior (7)	6/25/2014 2:41 PM
Exterior (8)	6/25/2014 2:41 PM
Exterior (9)	6/25/2014 2:41 PM
Exterior (10)	6/25/2014 2:42 PM
Exterior (11)	6/25/2014 2:42 PM
Interior	6/25/2014 2:42 PM
Interior (2)	6/25/2014 2:43 PM
Interior (3)	6/25/2014 2:43 PM
Interior (4)	6/25/2014 2:43 PM
Interior (5)	6/25/2014 2:43 PM
Interior (6)	6/25/2014 2:43 PM
interior (7)	6/25/2014 2:43 PM
Interior (8)	6/25/2014 2:43 PM
Interior (9)	6/25/2014 2:43 PM
Interior (10)	6/25/2014 2:46 PM
Interior (11)	6/25/2014 2:46 PM
Interior (12)	6/25/2014 2:46 PM
Interior (13)	6/25/2014 2:46 PM
Interior (14)	6/25/2014 2:46 PM
Interior (15)	6/25/2014 2:47 PM
Interior (16)	6/25/2014 2:47 PM
Interior (17)	6/25/2014 2:47 PM
Interior (18)	6/25/2014 2:47 PM
Interior (19)	6/25/2014 2:48 PM
Interior (20)	6/25/2014 2:48 PM
Interior (21)	6/25/2014 2:48 PM
Interior (22)	6/25/2014 2:56 PM
Sample 2	6/27/2014 11:51 AM
Sample 2 (2)	6/27/2014 11:51 AM

Name ^	Date Picture Taken
Interior (23)	6/25/2014 2:58 PM
Plumbing	6/25/2014 3:03 PM
Plumbing (2)	6/25/2014 3:03 PM
Plumbing (3)	6/25/2014 3:03 PM
Plumbing (4)	6/25/2014 3:03 PM
Plumbing (5)	6/25/2014 3:03 PM
Plumbing (6)	6/25/2014 3:03 PM
Plumbing (7)	6/25/2014 3:03 PM
Plumbing (8)	6/25/2014 3:04 PM
Ruler Decon	6/25/2014 2:55 PM
Ruler Decon (2)	6/25/2014 3:01 PM
Sample 2	6/25/2014 3:02 PM
Sample 2 (2)	6/25/2014 3:02 PM
Sample 2 (3)	6/25/2014 3:02 PM
Sample 2 (4)	6/25/2014 3:02 PM
Sample 3	6/25/2014 2:54 PM
Sample 3 (2)	6/25/2014 2:54 PM
Sample 3 (3)	6/25/2014 2:55 PM
Sample 3 (4)	6/25/2014 2:55 PM
Sample 4	6/25/2014 2:50 PM
Sample 4 (2)	6/25/2014 2:50 PM
Sample 4 (3)	6/25/2014 2:52 PM
Sample 4 (4)	6/25/2014 2:52 PM
Sample 5	6/25/2014 2:49 PM
Sample 5 (2)	6/25/2014 2:49 PM
Sample 5 (3)	6/25/2014 2:49 PM
Sample Tubes	6/25/2014 2:44 PM
Sample Tubes (2)	6/25/2014 2:44 PM







**APPENDIX C**  
**FINAL CERTIFICATION SIGNATURE SHEET**



**CERTIFICATION, VARIATIONS AND SIGNATURE SHEET**

<b>FACTs project name: Union Square</b>	<b>Form # ML14</b>
<b>Date: July 29, 2014</b>	
<b>Reporting IH:</b>	<b>Caoimhín P. Connell, Forensic IH</b>

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.	See Body of Report
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.

During the remediation process, all of the delineating features for the Functional Spaces were removed, effectively removing all Functional Spaces. During remediation, the furnace system and the entire duct system were removed – therefore samples from the system could not be collected. As such it was impossible to collect a sample from each Functional Space identified during the Preliminary Assessment. The minimum number of samples were collected from within the apartment unit.

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: July 29, 2014



**APPENDIX D**  
**FIELD DATA SHEETS AND ANALYTICAL SUBMITTALS**



**SAMPLING FIELD FORM**

<b>FACTs project name: Union Square</b>	<b>Form # ML17</b>
<b>Date: June 24, 2014</b>	<b>Alcohol Lot#: A13Ø2 Gauze Lot#: G13Ø1</b>
<b>Reporting IH: Caoimhín P. Connell, Forensic IH</b>	<b>Preliminary Intermediate ___ Final __X__</b>

Sample ID UM062424-	Type	Location	Funct. Space	Dimensions	Substrate
-Ø1	W	BX			
-Ø2	W	Common Front Hallway Hand Railing (4)		200 x 25	Pt M

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

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## **Forensic Applications**

### **Final Report**

**RES 293148-1R**

**July 28, 2014**

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Chain of Custody	5



July 28, 2014

Laboratory Code: RES  
Subcontract Number: NA  
Laboratory Report: RES 293148-1R  
Project # / P.O. #: Union  
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 293148-1R** 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 293148-1R**  
Client: **Forensic Applications**  
Client Project Number / P.O.: **Union**  
Client Project Description: **None Given**  
Date Samples Received: **June 24, 2014**  
Analysis Type: **Methamphetamine by GCMS**  
Turnaround: **24 Hour**  
Date Samples Analyzed: **June 25, 2014**

Client ID Number	Lab ID Number	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)
UM062414-01	EM 1203447	0.05	0.47
UM062414-02	EM 1203448	0.05	BRL

\* 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 293148-1R**  
Client: **Forensic Applications**  
Client Project Number / P.O.: **Union**  
Client Project Description: **None Given**  
Date Samples Received: **June 24, 2014**  
Analysis Type: **Methamphetamine by GCMS**  
Turnaround: **24 Hour**  
Date Samples Analyzed: **June 25, 2014**

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)
<b>1</b>	0.05	BRL	3	94	101

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

DATA QA \_\_\_\_\_

Due Date: 6.25.14  
 Due Time: 11:40



**REILAB Reservoirs Environmental, Inc.**

RES 203148

After Hours Cell Phone: 720-339-9228

**INVOICE TO: (IF DIFFERENT)**

**CONTACT INFORMATION**

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

Client sample ID number	ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm		REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:
	PLM / PCM / TEM	RUSH (Same Day) PRIORITY (Next Day) STANDARD	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vec, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	METALS - Analyte(s)	
1 UM062414-01							
2 UM062414-02							
3							
4							
5							
6							
7							
8							
9							
10							

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

Relinquished By: *Caioimhin P. Connell* Date/Time: 6/24/14 11:40A  
 Laboratory Use Only  
 Received By: *Caioimhin P. Connell* Date/Time: 6.24.14 11:40 Carrier: *AMS*  
 Results: Contact Phone Email Fax Date Time Initials  
 Contact Phone Email Fax Date Time Initials

**SAMPLING FIELD FORM**

<b>FACTs project name:</b> Union Square		<b>Form #</b> ML17	
<b>Date:</b> June 25, 2014		<b>Alcohol Lot#:</b> A1302	<b>Gauze Lot#:</b> G1301
<b>Reporting IH:</b> Caoimhin P. Connell, Forensic IH		<b>Preliminary</b> _____	<b>Intermediate</b> _____
		<b>Final</b> <input checked="" type="checkbox"/>	

Sample ID UM062514-	Type	Location	Funct. Space	Dimensions	Substrate
-01	W	BX MASTER / ELEC WIRE / WETS WALL		3x167	Plastic
-02	W	MASTER BATH / TOILET CISTERN		20x25	Porcelain
-03	W	KITCHEN / INTER WALL / SEWER PIPE		20x25	METAL
-04	W	LR / BACK OF ENTRANCE Door		20x25	AWD

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

266666

NOTE: MASTER BATH SHOWER DYE STILL THERE



## **Forensic Applications**

### **Final Report**

**RES 293361-1**

**June 27, 2014**

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June 27, 2014

Laboratory Code: RES  
Subcontract Number: NA  
Laboratory Report: RES 293361-1  
Project # / P.O. #: Union  
Project Description: None Given

Forensic Applications  
185 Bounty Hunter Ln.  
Bailey CO 80421

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Environmental matrices by the National Environmental Laboratory Accreditation Program, Lab Certification #E871030. The laboratory is currently proficient in the 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 293361-1** 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 293361-1**  
 Client: **Forensic Applications**  
 Client Project Number / P.O.: **Union**  
 Client Project Description: **None Given**  
 Date Samples Received: **June 25, 2014**  
 Analysis Type: **Methamphetamine by GCMS**  
 Turnaround: **24 Hour**  
 Date Samples Analyzed: **June 27, 2014**

Client ID Number	Lab ID Number	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)
UM062514-01	EM 1205021	0.05	BRL
UM062514-02	EM 1205022	0.05	0.06
UM062514-03	EM 1205023	0.05	0.11
UM062514-04	EM 1205024	0.05	0.40
UM062514-05	EM 1205025	0.05	5.39

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

DATA QA \_\_\_\_\_

# RESERVOIRS ENVIRONMENTAL, INC.

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

## QUALITY CONTROL: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 293361-1**  
Client: **Forensic Applications**  
Client Project Number / P.O.: **Union**  
Client Project Description: **None Given**  
Date Samples Received: **June 25, 2014**  
Analysis Type: **Methamphetamine by GCMS**  
Turnaround: **24 Hour**  
Date Samples Analyzed: **June 27, 2014**

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)
<b>1</b>	0.05	BRL	1	95	99

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

DATA QA \_\_\_\_\_

Due Date: 6/27/14 of Scan  
 Due Time: 5:30

**REILAB Reservoirs Environmental, Inc.**

RES 293361

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

CONTACT INFORMATION:

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

Client sample ID number	ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm		REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:						
	PLM / PCM / TEM	RUSH (Same Day) PRIORITY (Next Day) STANDARD (Rush PCM = 2hr, TEM = 6hr.)	PCMs - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-veg, ISO-Indirect Preps	METALS - Analyte(s)	Air = A	Bulk = B							
1 UMM062514-01			TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-veg, ISO-Indirect Preps	PCMs - 7400A, 7400B, OSHA	DUST - Total, Respirable	RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Salmonella: +/- E. coli O157:H7: +/- Listeria: +/- Aerobic Plate Count: +/- or Quantification T. coli: +/- or Quantification Coliforms: +/- or Quantification S. aureus: +/- or Quantification Y & M: +/- or Quantification Mold: +/-, Identification, Quantification	Sample Volume (L) / Area	Date Collected mm/dd/yyyy	Time Collected hh:mm a/p	EM Number (Laboratory Use Only)	
2 UMM062514-02									W 1	6/25/2014		125021	
3 UMM062514-03									W 1	6/25/2014		3	
4 UMM062514-04									W 1	6/25/2014		5	
5 UMM062514-05									W 1	6/25/2014			
6													
7													
8													
9													
10													

Number of samples received: 6 (Additional samples shall be listed on attached long form.)

Relinquished By: [Signature] Date: 6/25/14 Time: 17:17  
 Laboratory Use Only Received By: Nicole Date: 6/25/14 Time: 5:29 Carrier: hand  
 Results: Contact Phone Email Fax Date Time Initials Contact Phone Email Fax Date Time Initials



**SAMPLING FIELD FORM**

<b>FACTs project name: Union Square</b>	<b>Form # ML17</b>
<b>Date: June 27, 2014</b>	<b>Alcohol Lot#: A13Ø2      Gauze Lot#: G13Ø1</b>
<b>Reporting IH: Caoimhín P. Connell, Forensic IH</b>	<b>Preliminary      Intermediate ___      Final _X_</b>

Sample ID UM062724-	Type	Location	Funct. Space	Dimensions	Substrate
-Ø1	W	BX			
-Ø2	W	Dining Rm/sewer pipe by wet bar		10 x 50	M

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

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## **Forensic Applications**

### **Final Report**

**RES 293537-1**

**June 30, 2014**

	Page
Cover Sheet	1
Letter	2
Report / Data	3
Quality Control Data	4
Chain of Custody	5



June 30, 2014

Laboratory Code: RES  
Subcontract Number: NA  
Laboratory Report: RES 293537-1  
Project # / P.O. #: Union  
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 293537-1** 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 293537-1**  
Client: **Forensic Applications**  
Client Project Number / P.O.: **Union**  
Client Project Description: **None Given**  
Date Samples Received: **June 27, 2014**  
Analysis Type: **Methamphetamine by GCMS**  
Turnaround: **24 Hour**  
Date Samples Analyzed: **June 30, 2014**

Client ID Number	Lab ID Number	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)
UM062714-01	EM 1206218	0.05	BRL
UM062714-02	EM 1206219	0.05	0.34

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

DATA QA \_\_\_\_\_

# RESERVOIRS ENVIRONMENTAL, INC.

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

## QUALITY CONTROL: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 293537-1**  
Client: **Forensic Applications**  
Client Project Number / P.O.: **Union**  
Client Project Description: **None Given**  
Date Samples Received: **June 27, 2014**  
Analysis Type: **Methamphetamine by GCMS**  
Turnaround: **24 Hour**  
Date Samples Analyzed: **June 30, 2014**

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)
<b>1</b>	0.05	BRL	0	93	93

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

DATA QA \_\_\_\_\_

Due Date: 6-30-14  
Due Time: 11:25

# REILAB Reservoirs Environmental, Inc.

After Hours Cell Phone: 720-339-9228

RES 293537

## INVOICE TO: (IF DIFFERENT)

## CONTACT INFORMATION:

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

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 ___ 3 day ___ 5 Day Organics ___ 24 hr. ___ 3 day ___ 5 Day		MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli O157:H7, Coliforms, S aureus ___ 24 hr. ___ 2 Day ___ 3-5 Day Salmonella, Listeria, E.coli, APC, Y & M ___ 48 Hr. ___ 3-5 Day Mold ___ RUSH ___ 24 Hr. ___ 48 Hr. ___ 3 Day ___ 5 Day		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	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 Mycobact: +/- or Quantification Coliforms: +/- or Quantification St. aureus: +/- or Quantification Y & M: +/- or Quantification Mold: +/-, Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES: SPECIAL REPORTING LIMIT	Sample Volume (L) / Area	Matrix Code	Date Collected m/d/yyyy	Time Collected hr:min:ap	EM Number (Laboratory Use Only)
1	UN0602714-01								W1	6/27/14		1202218
2	UN0602714-02								W1	6/27/14		
3												
4												
5												
6												
7												
8												
9												
10												

Number of samples received: **2**  
 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: **Caolmhin P. Connell** Date/Time: **6/27/14 11:25A**  
 Laboratory Use Only  
 Received By: **Fewson** Date/Time: **6-27-14 11:25** Carrier: **Nencl**  
 Results: Contact Phone Email Fax Date Time Initials Initials Date Time Initials Initials Date Time Initials Initials

**APPENDIX F**  
**FINAL CLOSEOUT INVENTORY DOCUMENT**



### FINAL SAMPLING CHECKLIST

FACTs project name:	Union Square	Form # ML18
Date: July 29, 2014		
Reporting IH:	Caoimhín P. Connell, Forensic IH	

Functional Space #	Area Cm2	Sample ID	General Sampling Considerations	
1	500	UM061214-02	Floor Space Area of Lab (ft <sup>2</sup> )	1,150
NA	500	UM062514-02	One extra sample is required for every 500 ft <sup>2</sup> of floor space >1,500ft <sup>2</sup> . Enter number of <u>extra</u> samples required:	0
	500	UM062514-03	Enter minimum number of final samples required based on floor space.	5
	500	UM062514-04	Enter Number of Functional Spaces to be included	0
	500	UM062514-05	Enter the minimum number of sample required based on the number of functional spaces	0
	500	UM062714-02	Is the lab a motor vehicle?	No
THIS SPACE IS BLANK			Does the lab contain motor vehicles?	No
			Enter number of motor vehicles associated with the lab:	0
			Are the vehicles considered functional spaces of the lab?	No
			For vehicles that are merely functional spaces a 500 cm <sup>2</sup> sample is required for each vehicle. Enter the number of extra samples for functional space vehicles:	0
			Enter number of large vehicles (campers, trailers, etc)	0
			One extra sample is required for every 50 ft <sup>2</sup> of floor space of large vehicles. Enter number of extra samples required:	0
			Enter total number of samples to be collected.	5
			One BX must be included for every 10 samples. Enter the number of BX required.	1
			Enter total number of samples/BXs required	6
			Enter total number of samples/BXs actually collected for clearance	8
			Collected a minimum of 5 samples from the lab?	Yes
			Collected a minimum of 3 discrete samples from the lab?	Yes
			Collected minimum of 500 cm <sup>2</sup> per functional space?	Yes
			Collected minimum of 1,000 cm <sup>2</sup> surface area from the lab?	Yes
		Sketch of the sample locations performed?	Yes	





**APPENDIX F**  
**INDUSTRIAL HYGIENIST'S SOQ**





## 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:	Union Square	Form # ML15
Date July 29, 2014		

Caoimhín P. Connell, has been involved in clandestine drug lab investigations since 2002 and meets the Colorado Revised Statute §24-30-1402 definition of an "Industrial Hygienist." He has been a practicing Industrial Hygienist since 1987 and was the contract Industrial Hygienist for the National Center for Atmospheric Research for over ten years. 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, CRCPI (through the Colorado Division of Criminal Justice) and was the lead instructor for the CRCPI providing over 260 hours of methlab training for over 45 Colorado Law Enforcement Agencies, federal agents, probation and parole officers throughout Colorado judicial districts. He has provided methlab lectures to the US Air Force, the National Safety Council, and the American Industrial Hygiene Association (of which he is a member and serves on the Clandestine Drug Lab Work Group and for whom he conducted the May, 2010, Clandestine Drug Lab Course, and is a coauthor of the AIHA methlab assessment publication.)

Mr. Connell is also a member of the American Conference of Governmental Industrial Hygienists, the Occupational Hygiene Society of Ireland, the Colorado Drug Investigators Association, an appointed Full Committee Member of the National Fire Protection Association, and the ASTM International Forensic Sciences Committee, (where he was the sole sponsor of the draft ASTM E50 *Standard for the Assessment of Suspected Clandestine Drug Laboratories*).

From 2009, Mr. Connell served as the Industrial Hygiene Subject Matter Expert on the Federally funded Interagency Board (Health, Medical, and Responder Safety SubGroup), and was elected full member of the IAB-HMRS in 2011 where he now serves. He is the only private consulting Industrial Hygienist in Colorado 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 has received over 174 hours of highly specialized law-enforcement sensitive training in illegal drug lab operation, and under supervision of the US Drug Enforcement Agency, he has manufactured methamphetamine using a variety of street methods. He has received highly specialized drug lab assessment training through the Iowa National Guard, Midwest Counterdrug Training Center and the Florida National Guard Multijurisdictional Counterdrug Task Force, St. Petersburg College, Rocky Mountain HIDTA, 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 sworn law enforcement officer 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 476 assessments of illegal drug labs in CO, SD, NE, OK, and collected over 4,440 samples during assessments (a partial 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 US NIOSH Recommended Peer Review Expert for the NIOSH 9109 Method, *Methamphetamine*. He has been admitted as a clandestine drug lab expert in Colorado, and an Industrial Hygiene Expert in Colorado in both civil and criminal courts as well as Federal Court in Pennsylvania. He has provided expert 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.

**185 Bounty Hunter's Lane, Bailey, Colorado 80421**  
Phone: 303-903-7494 [www.forensic-applications.com](http://www.forensic-applications.com)





# Multijurisdictional Counterdrug Task Force Training

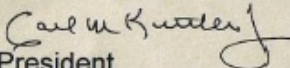


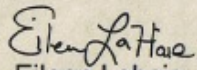
This is to certify that  
**Caoimhin P. Connell**

Has satisfactorily completed the following 24 hour MCTFT training course held at  
**DIVIDE, CO**

**Rural Patrol**

Training held 9/27/2004 through 9/29/2004

  
President  
St. Petersburg College

  
Eileen Lahaie  
MCTFT Director

A partnership between The Florida National Guard and St. Petersburg College

Midwest Counterdrug Training Center



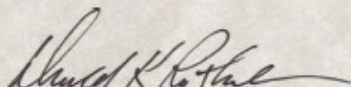
# Certificate of Training

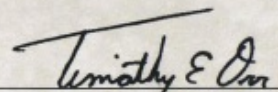
This certifies that

**Caoimhin Connell**

Has successfully completed the  
**Clandestine Laboratory Certification**

Cheyenne, WY  
40 Training Hours  
2-6 August 2004

  
Network Environmental Systems, Inc.

  
LTC Timothy E. Orr  
Commandant





# Center *for* Task Force Training™

THIS IS TO CERTIFY THAT

*Caoimhin P. Connell*

HAS SUCCESSFULLY COMPLETED 20 HOURS OF TRAINING IN

**METHAMPHETAMINE INVESTIGATION MANAGEMENT**

MARCH 20-22, 2006

DENVER, COLORADO

Domingo S. Herraiz  
Director, Bureau of Justice Assistance

Training coordinated by the  
Institute for Intergovernmental  
Research® on behalf of BJA



## State and Local Anti-Terrorism Training

THIS IS TO CERTIFY THAT

**Caoimhin P. Connell**

HAS SUCCESSFULLY COMPLETED AN 8-HOUR  
STATE AND LOCAL ANTI-TERRORISM TRAINING PROGRAM  
NARCOTICS TASK FORCE ANTI-TERRORISM BRIEFING

**June 1, 2006**  
**Denver, Colorado**

Domingo S. Herraiz  
Director, Bureau of Justice Assistance



Training coordinated on behalf of BJA  
by the Institute for Intergovernmental Research

**Rocky Mountain  
High Intensity Drug Trafficking  
Area**



*Certifies that*



**Caoimhín Connell**

*has attended*

*4 hours of*

***Hash Oil Extraction: The Scene and The Patient***

*Aurora, CO*

*July 25, 2014*

*Training Manager, Rocky Mountain HIDTA*

*Director, Rocky Mountain HIDTA*



***Certificate of Completion***

**Caoimhin Connell**

*has successfully completed training in*

***Advanced Clan Labs: Beyond the Basics***

*presented by*

**NES, Inc.**

1141 Sibley Street Folsom, CA 95630

*Instructor - Brian Escamilla*

04/28/14 04/30/14

*Date*

*Contact Hours:24*





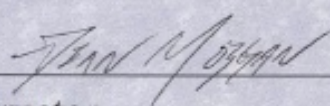
# Park County Sheriff's Office Certificate of Completion

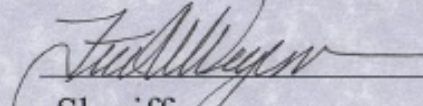
## Caoimhin Connell

has completed an 8 hour course in:

**Crime-scene Approach and Evidence Collection**

Completed this 29th day of April, 2009

  
Instructor

  
Sheriff

# *Rocky Mountain High Intensity Drug Trafficking Area*



*Certifies that*



## **Caoimhín P. Connell**

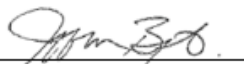
*has attended*

*2 hours of*

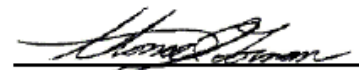
*Hash Oil Explosions*

*Woodland Park, CO*

*May 31, 2014*



Training Manager, Rocky Mountain HIDTA



Director, Rocky Mountain HIDTA

# Certificate of Completion

*This Will Certify That*

## **Caoimhín P. Connell**

*Successfully Completed*

### **Prescription Drug Crimes**

7 Hours Completed

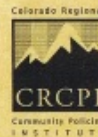
At: CO Law Enforcement Officers Assn. On: September 30, 2010  
Greeley, Colorado



Director, Law Enforcement Liaison & Education

**P. Ritch Wagner**  
Instructor

C7954



# Certificate of Training

This is to certify that  
Caoimhín Connell

(Name)

Park County Sheriff's Office

(Agency)

If the bearer of this document possesses a 40 Hour certificate pursuant to 29 CFR §1910.120, this certifies the above named has met the refresher training requirements of 29 CFR §1910.120(e)(8) and is hereby **RECERTIFIED** in Clandestine Laboratory Safety / HazWoper

Sponsored by  
Rocky Mountain High Intensity Drug Trafficking Area  
Colorado Regional Community Policing Institute

Caoimhín P. Connell: Instructor/Date  
4/12/10  
Glean HARDEY





# Colorado Law Enforcement Officers' Association



This is to certify that

**CAOIMHIN CONNELL**

Completed ARIDE (Advanced Roadside Impaired Driving Enforcement)

hosted by Loveland Police Department

on February 28 – March 1, 2011

Tony Dinelle, CLEOA President

ARIDE Instructor

# State of Colorado



THE BOARD ON PEACE OFFICER STANDARDS AND TRAINING  
HEREBY AWARDS THIS CERTIFICATE  
AS INSPECTOR OF VEHICLE IDENTIFICATION NUMBERS  
TO

**CAOIMHIN PADRAIG CONNELL**

**August 27, 2008**

Date

VIN INSP— **0952**

Number

*For fulfilling the prescribed requirements as an Inspector of Vehicle Identification Numbers and as a peace officer in Colorado, pursuant to Title 42, Article 5, Section 206 Colorado Revised Statutes.*

Governor

Attorney General, Board Chairperson



**Certificate of Completion**  
**Intoxilyzer 9000 Operator Certification Course**

The Evidential Breath Alcohol Testing Program of the  
Colorado Department of Public Health and Environment certifies that

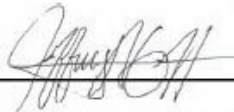
Caoimhin P Connell

User ID: 841645

has successfully completed the "Intoxilyzer 9000 Operator Certification Course"  
to determine the alcohol concentration in breath specimens pursuant to the  
State Board of Health Rules Pertaining to Testing for Alcohol and Other Drugs (5 CCR, 1005-2)  
Training was provided by the Evidential Breath Alcohol Testing Program  
of the Colorado Department of Public Health and Environment.

February 21, 2013

Certificate Date



Jeffrey A. Groff, Program Manager  
Evidential Breath Alcohol Testing Program



David A. Butcher, Director  
Laboratory Services Division  
Colorado Department of Public Health  
and Environment

Certification expires 180 days from certificate date. Recertification must be per 5 CCR 1005-2.



**Certificate of Achievement**

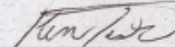
awarded to:

**Caoimhin P. Connell**

Has successfully completed Methamphetamine Lab Cleanup Management and  
Supervision training in accordance with 29 CFR 1910.120 and State Regulations  
Pertaining to the Cleanup of Methamphetamine Laboratories (8Hrs.)

June 1st, 2005

Date



Signed

HAZMAT Plans & Programs, Inc. 30 S. Havana St. Suite 304F Aurora, Colorado 80012 (303) 360-9801  
"Safety Plans, Programs and Training Tailored To The Needs Of Your Business"



# CERTIFICATE OF COMPLETION

COLORADO LAW ENFORCEMENT ASSOCIATIONS TRAINING PROJECT

*This Certifies That*

**Caoimhin Connell**

Has Attended the

CLEAT 40-HOUR

**Train the Trainer Course**

Hosted by Breckenridge Police Department  
August 14-18, 2006

Karen M. Renshaw, CAE  
Executive Director  
Colorado Association of Chiefs of Police

John L. Kammerzell  
Executive Director  
Police Officer Standard & Training

Donald E. Christensen  
Executive Director  
County Sheriffs of Colorado



**SINCE 1973**

*This is to certify that*

**Caoimlin P. Connell**

*Has completed a 24 hour training program in Vehicle Identification Number  
Inspection*

*Presented this 24th day of May, 2008*

*Chris Fox*

CATI President

*[Signature]*

VIN Inspector Training Coordinator



# State of Colorado



THE BOARD ON PEACE OFFICER STANDARDS AND TRAINING  
AWARDS THIS CERTIFICATE  
TO

**CAOIMHIN PADRAIG CONNELL**

**May 6, 2004**

Date

B- 10670

Number

*For fulfilling the prescribed requirements for certification. This certificate expires three years from date of issuance unless the certificate holder meets the requirements for continued certification as established by law and the P.O.S.T. Board.*

*Bill Owen*

Governor

*Ken Salazar*

Attorney General, Board Chairperson

**APPENDIX G**  
**COMPACT DIGITAL DISC**

