



**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.**

**Preliminary Assessment  
of an  
Identified Illegal Drug Laboratory  
2006 Ford Fusion  
VIN: 3FAFP07Z46R184643**

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**TABLE OF CONTENTS**

EXECUTIVE SUMMARY ..... 3

REGULATORY REQUIREMENTS..... 4

    Federal Requirements ..... 4

    State Requirements ..... 4

    Local Ordinances ..... 4

PRELIMINARY ASSESSMENT..... 4

    Discovery and Notification ..... 5

    Preliminary Hypothesis..... 5

        Initial Statement on Hypothesis Testing..... 6

    Elements of the Preliminary Assessment..... 6

    Review of Law Enforcement Documentation..... 7

    Governing Body..... 7

    Sample Collection..... 8

        Wipe Samples ..... 9

    Sample Locations..... 9

        Sample Results..... 10

    QA/QC Precautions ..... 11

        Field Blanks ..... 12

        Field Spikes..... 12

    Cross Contamination..... 12

    Laboratory Quality Assurance/Quality Control..... 12

    Visual Inspection Of The Property ..... 13

    Functional Space Summary ..... 13

        Functional Space 1: Passenger Compartment..... 14

            Identification of Cook/Storage Areas ..... 14

        Functional Space 2: Trunk ..... 14

CONCLUSIONS..... 14

RECOMMENDATIONS ..... 15

    Universal Site Requirements..... 15

    Decontamination of The Vehicle ..... 16

Appendices:

Appendix A..... Supporting Documents and Signature Sheet

Appendix B..... Field Sampling Forms and Laboratory Reports

Appendix C..... Compact Digital Disc



## EXECUTIVE SUMMARY

On Friday March 2, 2012, a vehicle theft report was filed with the Colorado Springs Police Department, CO. The vehicle involved was a 2006 maroon Ford Fusion, VIN 3FAFP07Z46R184643 (the subject vehicle).

On March 17, 2012, a report was filed with the Colorado Springs Police Department by the owner of the vehicle, stating that the vehicle had been recovered. According to available police records drug paraphernalia was recovered from the vehicle.

On March 17, 2012, the registered owner of the vehicle, Ms. Shelly Moore, retrieved the vehicle from the Colorado Springs Police Department and drove the vehicle to 520 Black Bear Trail, Woodland Park, Colorado, and parked the vehicle there.

Based on this information:

- An illegal drug laboratory, as that term is defined in CRS §25-18.5-101, existed in the vehicle from at least March 17, 2012 forward, and continues to exist at the time of this report.
- The vehicle constitutes a Class 1 Public Nuisance, as defined in CRS §16-13-303(1).
- “Discovery” and “Notification,” as those terms are used in CRS §25-18.5-103(1)(a) were issued no later than March 20, 2012, by virtue of the Colorado Springs Police report 12-08033.

On Wednesday, April 4, 2012, Forensic Applications Consulting Technologies, Inc. (FACTs) visited 520 Black Bear Trail in Woodland Park, Colorado and performed a State mandated Preliminary Assessment on the vehicle. Based on that assessment, FACTs has made the following observations:

- The property exhibits overt and profound noncompliance with Colorado’s methamphetamine cleanup standards.
- Evidence of widespread methamphetamine contamination exists within the vehicle.
- Evidence of widespread methamphetamine contamination exists on the personal items remaining in the property.
- Entry into the vehicle is prohibited pursuant to CRS §25-18.5-104.
- Removal of any and all personal items from the vehicle (regardless of ownership) is prohibited except if removed pursuant to the restriction found in CRS §25-18.5-103(3).



- Any and all claims of ownership of personal items remaining in the van by any former owner is no longer valid, and the registered owner of the vehicle is granted full ownership of all items in the vehicle pursuant to CRS §25-18.5-103(1)(b) which states:

*An owner of any personal property within a structure or vehicle contaminated by illegal drug laboratory activity shall have ten days after the date of discovery of the laboratory or contamination to remove or clean his or her personal property according to board rules. If the personal property owner fails to remove the personal property within ten days, the owner of the structure or vehicle may dispose of the personal property during the cleanup process without liability to the owner of the personal property for such disposition.*

## **REGULATORY REQUIREMENTS**

### ***Federal Requirements***

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

### ***State Requirements***

According to State statutes, 25-18.5-101(2)

*"Drug laboratory" means the areas where controlled substances... have been manufactured, processed, cooked, disposed of, or stored and all proximate areas that are likely to be contaminated as a result of such manufacturing, processing, cooking, disposing, or storing.*

According to State regulation, 6 CCR 1014-3:

*"Property" means anything that may be the subject of ownership or possession, including, but not limited to, land, buildings, structures, vehicles and personal belongings.*

This definition is consistent with State Statute, CRS §25-18.5-101(3) wherein it states:

*"Property" means anything that may be the subject of ownership, including, but not limited to, land, buildings, structures, and vehicles."*

In this case, the vehicle was used for illegal storage, possession and use of illegal drugs, and therefore, meets the definition of an illegal drug laboratory.

### ***Local Ordinances***

To our knowledge, there are no local ordinances that are more stringent than State regulations.

## **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 Preliminary Assessment, and those findings, enter the public domain and are not subject to confidentiality.<sup>1</sup>

The Preliminary Assessment (PA) must be conducted according to specified requirements<sup>2</sup> 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 “Preliminary Assessment” pursuant to those regulations. Included with this discussion is a read-only digital disc (CD). The disc contains mandatory information and photographs required by State regulation for a Preliminary Assessment. This Preliminary Assessment is not complete without the CD and all associated support documents found in the appendices.

Pursuant to CRS §25-18.5-105, the subject property was deemed a “public health nuisance.” Pursuant to CRS §16-13-303, the subject property and all of its contents was 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).

### ***Discovery and Notification***

Discovery and Notification occurred at the subject property by virtue of the Law Enforcement actions on March 17, 2012 and law enforcement reports dated March 20, 2012. There is no formal notification process described by state statutes or state regulations. Rather, CRS 25-18.5-103(1)(a) states:

*Upon notification from a peace officer that chemicals, equipment, or supplies indicative of an illegal drug laboratory are located on a property, or when an illegal drug laboratory used to manufacture methamphetamine is otherwise discovered and the property owner has received notice, the owner of any contaminated property shall meet the cleanup standards for property established by the board...*

### ***Preliminary Hypothesis***

During the Preliminary Assessment, the initial hypothesis is made that the subject area is clean and data will be 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 compels the Industrial Hygienist to accept the null hypothesis and declare the area non-compliant.<sup>3</sup> 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.

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<sup>1</sup> Section 8.26 of 6 CCR 1014-3

<sup>2</sup> Section 4 of 6 CCR 1014-3

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



Contrary to common belief, sampling is **not** required by state regulation during a Preliminary Assessment; 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:<sup>4</sup>

*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, independent of any testing performed by FACTs, overt information existed from available law enforcement agencies which confidently challenged the Primary Hypothesis.

The sampling and analysis performed by FACTs was designed to challenge the compliance status of the vehicle, but confidently confirmed the presence of overt methamphetamine contamination in the vehicle.

The totality of the circumstances challenged the hypothesis that contamination was absent from all portions of the vehicle and based on the totality of circumstances, including objective sampling, we were not able to support the initial hypothesis and, therefore, we accept the null hypothesis and declare the vehicle and all remaining contents therein as non-compliant.

### ***Elements of the Preliminary Assessment***

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

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<sup>4</sup> Section 4.6 of 6 CCR 1014-3



Mandatory Final Documents 6-CCR 1014-3	DOCUMENTATION	Included
§8.1	Property description field form	<i>C</i>
§8.2	Description of manufacturing methods and chemicals	<i>C</i>
§8.3	Law Enforcement documentation review discussion	<i>C</i>
§8.4	Description and Drawing of Storage area(s)	<i>C</i>
§8.5	Description and Drawing of Waste area(s)	<i>C</i>
§8.6	Description and Drawing of Cook area(s)	<i>C</i>
§8.7	Field Observations field form	<i>C</i>
	FACTs Functional space inventory field form	<i>C</i>
§8.8	Plumbing inspection field form	NA
	FACTs ISDS field form	NA
§8.9	Contamination migration field form	<i>C</i>
§8.10	Identification of common ventilation systems	<i>C</i>
§8.11	Description of the sampling procedures and QA/QC	<i>C</i>
§8.12	Analytical Description and Laboratory QA/QC	<i>C</i>
§8.13	Location and results of initial sampling with drawings	<i>C</i>
§8.14	FACTs health and safety procedures in accordance with OSHA	<i>C</i>
§8.15 -§8.19	Not applicable	NA
§8.20	FACTs Pre-remediation photographs and log	<i>C</i>
	FACTs Post-remediation photographs and log	NA
§8.21	FACTs SOQ	<i>C</i>
§8.22	Certification of procedures, results, and variations	<i>C</i>
§8.23	Mandatory Certification Language	<i>C</i>
§8.24	Signature Sheet	<i>C</i>
	Analytical Laboratory Reports	<i>C</i>
	FACTs final closeout inventory document	NA
	Available Law Enforcement documents (confidential - by reference)	NA
	FACTs Field Sampling Forms	<i>C</i>

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

### ***Review of Law Enforcement Documentation***

As part of the Preliminary Assessment, FACTs is required by regulation<sup>5</sup> to review available law enforcement documents pertinent to a subject property. FACTs included the available law enforcement documentation associated with this vehicle.

### ***Governing Body***

Based on the best information available, Teller County Public Health is the “Governing Body” as defined in CRS §25-18.5-101:

<sup>5</sup> 6 CCR 1014-3 (Section 4.2)



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### **Sample Collection**

A recurring myth amongst the general public is that if sampling (such as that performed at the subject vehicle) finds methamphetamine, but the concentration is less than 0.5 micrograms per one hundred square centimeters ( $\mu\text{g}/100\text{cm}^2$ ) of surface area, then the property is “OK,” and not covered by the State regulations.

However, this argument is erroneous and no such provisions are found anywhere in State statutes or State regulation. If an Industrial Hygienist chooses non-mandatory sampling (such as that performed in the subject vehicle) during an industrial hygiene evaluation, and those samples result in ANY contamination, even below the value of  $0.5 \mu\text{g}/100\text{cm}^2$ , then the property must, by state regulation, be declared a methlab.<sup>6</sup> This is due to the fact that cursory sampling does not meet the data quality objectives upon which the State clean-up level of “ $0.5 \mu\text{g}/100\text{cm}^2$ ” value is based.

In any event, contrary to erroneous statements frequently repeated, the mere value of “ $0.5 \mu\text{g}/100\text{cm}^2$ ” is not the State of Colorado cleanup level, but rather is the value upon which the final cleanup level is based and which is described in the mandatory Appendix A of the State regulations. The Colorado clearance level of “ $0.5 \mu\text{g}/100\text{cm}^2$ ,” frequently misquoted by members of the general public, applies exclusively as *prima facie* evidence of decontamination at the end of a project<sup>7</sup> and is that attainment threshold occasionally needed to issue a “Decision Statement” (final clearance).

Contrary to popular misconception, there is no *de minimis* concentration during a Preliminary Assessment below which a property could be declared “not a meth lab” or “not of regulatory concern” since virtually any concentration of meth present in a sample at the property 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.*<sup>8</sup>

For the purposes of this assessment, FACTs collected discrete wipe samples for quantitative chemical analysis.

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<sup>6</sup> *Ibid.* Appendix A

<sup>7</sup> Colorado Department Of Public Health And Environment, State Board Of Health, *Regulations Pertaining to the Cleanup of Methamphetamine Laboratories*, 6 CCR 1014-3.

<sup>8</sup> *Ibid.*





## Wipe Samples

Wipe samples were collected in a manner consistent with the State of Colorado regulations. The wipe sample medium was individually wrapped commercially available Safeway Brand gauze pads (FACTs Lot # G10006). Each pad was moistened with reagent grade methyl alcohol (FACTs Lot # A1101). The sampling media were prepared in small batches; the blanks (designated in this discussion as “BX”) and the actual sample assemblies used is not known in advance. Each sampling medium is prepared in a clean environment and inserted into an individually identified polyethylene centrifuge tube with cap.

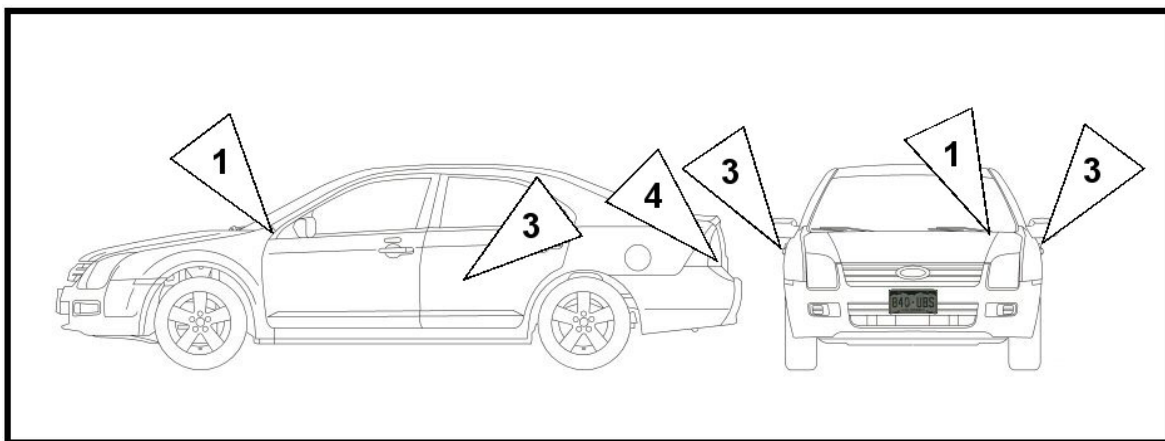
Prior to the collection of each specific sample, the Industrial Hygienist donned fresh surgical gloves, to protect against the possibility of cross contamination. The proposed sample area was delineated with a measured outline. The Industrial Hygienist also wore a full body Tyvek suit to prevent cross contamination.

The wipe samples 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. The sample was returned to its centrifuge tube and capped with a screw-cap. The wipe sample was maintained in the control for FACTs personnel at all times, and submitted to Reservoirs Environmental Laboratory in Denver, Colorado.

FACTs originally collected samples in a manner which, if site conditions permitted, would have allowed the vehicle to be declared compliant, and FACTs would have issued a “Decision Statement.” The issuance of the Decision Statement would be predicated on finding levels of methamphetamine below the decision thresholds for the samples (concentrations below 0.5 µg/100cm<sup>2</sup> in the wipe samples).

The drawing below identifies the locations of the samples.

## Sample Locations



**Figure 1**  
**Sample Locations**



## Sample Results

The results of the samples are summarized in the table below:

Sample ID	Location	Result $\mu\text{g}/100\text{cm}^2$
BMØ4Ø412-Ø1	Dashboard and ventilation	842
BMØ4Ø412-Ø2	BX	<0.03 $\mu\text{g}$
BMØ4Ø412-Ø3	Armrests in back seat	0.51
BMØ4Ø412-Ø4	Trunk liner	0.56

**Table 2**  
**Results of Samples**

For all sampling and analytical methods, there is a specific uncertainty associated with the sampling and the analysis. Therefore, for any reported laboratory value, there is a probability that the true result is greater than the reported value (Upper Confidence Limit, UCL), or less than the reported value (Lower Confidence Limit, LCL). A laboratory result, therefore, represents a *probable* result in between two limits and may be depicted thus:

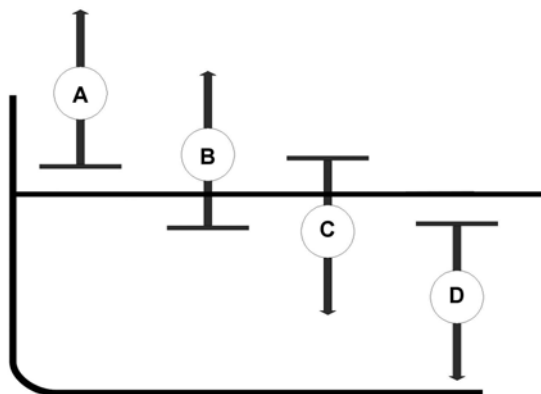


The reported value (RV) lies somewhere in between two possible “true” values, the UCL and the LCL.

A determination of compliance is based not only on the value reported by the laboratory, but also on the statistical uncertainty of the results. So, in the drawing below, where the reported value (A) and the LCL are greater than the decision threshold (the horizontal line), we are *confident* the reported value indicates noncompliance. Where the reported value (D) and the UCL are less than the decision threshold, we are *confident* the reported value indicates compliance.

However, there is an ambiguous zone of reported values, such as (B), where although the reported value is greater than the decision threshold, there is a probability the true value is less than the decision threshold. Similarly, where the reported value is less than the decision threshold, there is a probability the true value is greater than the decision threshold (C).





**Figure 2**  
**Uncertainty in Reported Values**

Standard industrial hygiene sampling protocols require that the Industrial Hygienist consider this degree of uncertainty, known as the total coefficient of variation ( $Cv_T$ ) for each method. The  $Cv_T$  includes the uncertainty associated with both the sampling and analytical processes. For many methods, the degree of uncertainty is known and published. However, for field methamphetamine sampling and analysis, the statistical uncertainty has yet to be fully characterized or published. However, when we analyze field data from other properties ( $n=2,500$ ), we see a trend in sampling error in that sample variation, as a whole, exhibits a lognormal distribution. The sampling error (which speaks to the heterogeneous distribution of contamination at a subject property) is very large, and the geometric standard deviation is similarly large. Therefore, even for a sample result whose apparent result is just at (or even just below) a specified decision threshold (such as Sample BM040412-03), there is a probability that the concentration of methamphetamine is greater than compliance levels.

Standard Industrial Hygiene protocols typically use the 95% confidence intervals to determine the possible “spread” of the laboratory results about the true value. As such, where the  $Cv_T$  is known, the IH calculates the UCL and LCL and determines if the UCL is greater than or less than the Decision Threshold.

Additionally, as explained below, the laboratory does not correct for analytical recoveries; however, FACTs does perform such a recovery correction. It is for this reason, that if one attempts to reconcile the laboratory report with the final concentrations, but fails to take into account these uncertainties, they will be unable to reconcile the two values.

### **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 quality assurance/quality control (QA/QC) purposes, field blanks are randomly selected from the batch, and submitted to a qualified laboratory along with the actual samples, for analysis. To ensure the integrity of the blanks, FACTs personnel are unaware, until the actual time of sampling, which specific sample will be submitted as a blank. To ensure the integrity of the blanks, laboratory personnel are never informed which specific samples may be blanks.

The history of the FACT's field blank media has demonstrated a media and handling contamination level below the analytical detection limit for the method. FACTs maintains a log of blank samples and materials, to ensure that reported methamphetamine is not due to our equipment contamination. The history of the FACTs sampling media has demonstrated a media and solvent contamination level below the analytical detection limit for the method. The specific alcohol lot used for this project (A11Ø1) has 30 documented blanks; none of which contained detectable methamphetamine. The specific gauze lot used for this project (G1ØØ6) has 43 documented blanks; none of which contained detectable methamphetamine.

Therefore, FACTs is confident that the reported methamphetamine is due exclusively to analyte recovered from the subject vehicle.

## **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 methamphetamine 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, FACTs used the current running average recovery of 88.1% to correct the data.

## ***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.

## ***Laboratory Quality Assurance/Quality Control***

The following section is required by regulation and is not intended to be understood by the casual reader. All abbreviations are standard laboratory use.



MDL was not given; LOQ was reported as 0.05 µg/100cm<sup>2</sup>, FACTs recognizes that this information cannot be correct as the LOQ cannot be expressed as µg/100cm<sup>2</sup> – this is a non fatal error associated with the analyzing laboratory; MBX <MDL , FACTs recognizes that this information also cannot be correct as the MBX cannot be expressed as µg/100cm<sup>2</sup> – this is a non fatal error associated with the analyzing laboratory; LCS mass was not given, however, the laboratory reported 116% recovery, RPD was not given. Matrix spike mass was not given however the recovery was given as 110% (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 4%. Surrogate spike recoveries are not given by the laboratory and are unknown.

There is nothing in the QA/QC that would indicate the data did not meet the data quality objectives; there is insufficient information included in the laboratory report to determine if the data exhibit bias.

### ***Visual Inspection Of The Property***

As part of our Preliminary Assessment, FACTs performed a visual inspection of the vehicle. The Industrial Hygienist, Mr. Connell, is a State Certified VIN Inspector<sup>9</sup> who has received specialized training in vehicle searches associated with drug interdiction.<sup>10,11</sup>

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

Upon our arrival, we found the property secured, and still containing various personal items that belonged to persons unknown, and which will be discarded.

### ***Functional Space Summary***

During a Preliminary Assessment, the Industrial Hygienist divides an area into “functional spaces” and evaluates 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. In this case, given the small floor space of the vehicle, there were essentially two functional spaces:

- 1: The passenger compartment
- 2: The trunk

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<sup>9</sup> State of Colorado Certificate Number 0952

<sup>10</sup> Rural Drug Interdiction (Multijurisdictional Counterdrug Taskforce Training, Florida National Guard/St. Petersburg College (Florida), Sept 2004, 24 Hours)

<sup>11</sup> Methamphetamine Investigation Management (Bureau of Justice Assistance, March 2006, 24 Hours)



## **Functional Space 1: Passenger Compartment**

According to law enforcement documents drug paraphernalia was recovered from this area. During our visual inspection, FACTs also identified other indicia including sharps (a lancing needle).

Two discrete samples were collected from this functional space. These two samples, as described above give us sufficient confidence to determine that the vehicle, as an whole, is in need of decontamination.

Both samples collected from this space were undersampled by 10%. Both of these samples contained a concentration of methamphetamine that exceeded the decision threshold.

## **Identification of Cook/Storage Areas**

Based on the best information available, we believe that methamphetamine was not prepared in the vehicle and that the occurrence of methamphetamine was restricted to use and storage.

## **Functional Space 2: Trunk**

The trunk was physically separated from the passenger compartment. The sample collected from the vinyl liner of the truck contained a concentration of methamphetamine that exceeded the decision threshold.

## **CONCLUSIONS**

Based on the totality of the circumstances, sampling, and a review of pertinent available Law Enforcement documents, our subjective observations and objective data from sampling, and in strict adherence to State statutes and State regulations, FACTs concludes the following:

- An illegal drug laboratory, as that term is defined in CRS §25-18.5-101, existed in the vehicle, from at least March 17, 2012 forward, and continues to exist at the time of this report.
- From at least March 17, 2012 forward, and continuing to the time of this report, the vehicle is a Class 1 Public Nuisance, as defined in CRS §16-13-303(1).
- “Discovery” and “Notification,” as those terms are used in CRS §25-18.5-103(1)(a) were issued on at least March 20, 2012, by the Colorado Springs Police Department.
- The vehicle must be decontaminated pursuant to state regulations, or demolished.
- Following decontamination, the remediation work must be verified through sampling as specified in State regulation.



## RECOMMENDATIONS

Based on our observations, and laboratory results, we recommend standard industry practices for decontamination to 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 has statutory authority to require a greater degree of decontamination of the vehicle.

### ***Universal Site Requirements***

1. If the vehicle is removed for off-site decontamination, the transport company shall not be permitted to have access to the trunk or interior of the vehicle, unless they have received training pursuant to 29 CFR 1910.120.
2. At the location where the vehicle is to be decontaminated, the vehicle shall be secured all times when not immediately manned by remediation personnel.
3. A licensed contractor, meeting State requirements, should be contracted for the decontamination work. All work performed at the vehicle 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. We recommend the decontamination process be conducted in Level C PPE ensembles with a minimum of half-face APRs or PAPRs.
5. We recommend that a decontamination shower be established for the employees, at the location of decontamination.
6. All remediation work performed on the vehicle should be conducted under written contract with a reputable remediation company qualified to perform the work.
7. All work performed on the vehicle should be conducted with open communication and cooperation with the City of Woodland Park Police Department and the Teller County Department of Health.
8. The discovery of any controlled substances, child pornography or hidden compartments shall be immediately reported to the Woodland Park Police Department.
9. All remediation work should be presumed to be pursuant to Title 29 of the Code of Federal Regulations, §1910.120 until otherwise indicated.



10. The contractor *should* be contractually obligated to perform at least one full shift personnel air monitoring sample and include the personnel air monitoring data in their final documentation.
11. Any contractors (and their subcontractors) should be contractually obligated, through a written contract, to decontaminate the subject vehicle 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.
12. Contractors should be contractually obligated to cover Industrial Hygiene costs of return visits and sample expenses as a result of a failed final clearance(s).
13. State regulations prohibit painting or otherwise encapsulating surfaces prior to final clearance sampling by the Industrial Hygienist.
14. Following the decontamination process, and prior to the final clearance sampling by the Industrial Hygienist, the remediation contractor/subcontractor shall be contractually obligated to collect a minimum of two QA/QC wipe samples from the vehicle interior (including one from the interior of the ventilation system), as part of their own QA program, and submit those samples for methamphetamine analysis. The contractor shall be contractually obligated to provide their wipe sampling data (including location of sample, area of sample, and analysis results), to the consulting Industrial Hygienist for review prior to final clearance sampling.
15. If the contractor's two QA/QC samples suggest that contamination in the vehicle remains at a concentration in excess of  $0.25 \mu\text{g}/100 \text{ cm}^2$ , the contractor shall be contractually obligated to continue to clean, and sample, until the elevated concentrations are not observed.
16. Once the contractor's samples indicate the contamination has been sufficiently reduced, the Industrial Hygienist shall perform final clearance sampling according to 6-CCR 1014-3.

### ***Decontamination of The Vehicle***

The vehicle should be decontaminated out of doors. At no time should the vehicle be brought into an enclosed area. If the vehicle is taken into an enclosed area prior to the issuance of a Decision Statement, those additional areas shall also be subject to final clearance sampling.

The decontamination process should take place in the following order:

1. Water wash the engine compartment.





2. Establish negative pressure in the passenger compartment pursuant to State regulations, or tent the entire vehicle and place the containment under negative pressure.
3. Exhaust from the negative enclosure may take place at any location.
4. No other work, except as needed to establish critical barriers shall begin until negative pressure is established.
5. If the vehicle is in an indoor enclosure, negative pressure must be maintained at all times until final sampling has been completed and the written intent to issue a Decision Statement has been issued to the contractor by the consulting Industrial Hygienist.
6. The engine shall be started and permitted to operate for no fewer than 20 minutes.
7. After the engine has operated for 20 minutes, an HEPA filtered vacuum shall be applied to the heating vents, and the vehicle's heating system shall be activated, with the blower fan on high and the temperature control set to the maximum temperature setting. The heating system shall be operated thus for five minutes.
8. Then, an HEPA filtered vacuum shall be applied to the air-conditioning vents, and the vehicle's air-conditioning system shall be activated, with the blower fan on high and the temperature control set to coldest maximum temperature setting. The air-conditioning system shall be operated thus for five minutes.
9. Each of the vents shall then be sealed with a critical barrier of suitable polyethylene sheeting anchored into place with an adhesive and/or duct tape as appropriate.
10. All personal items in the vehicle shall be discarded.
11. Carpeting, seating and all other fabric materials shall be thoroughly vacuumed with an HEPA filtered vacuum cleaner. After vacuuming, all fabric materials including the carpet and seats should be shampooed. The carpet and other fabric surfaces will be subjected to final clearance sampling in accordance with standard industrial hygiene microvacuum sampling procedures.<sup>12</sup>
  - a. If the methamphetamine density in the carpet or seating exceeds 0.5 µg/100cm<sup>2</sup>, FACTs will make the unqualified statement that in the absence of conflicting information, the material requires further decontamination. The value of "0.5" in this case, has no association with

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<sup>12</sup> For example, see ASTM Method D 5756-02



the State mandated decision threshold of 0.5  $\mu\text{g}/100\text{cm}^2$  – the resemblance of the two values is purely coincidental.

12. All surfaces in the vehicle including the interior roof, sunshades, seats, floors, doors, hinges, and every interior surface whether specifically mentioned or not, shall be thoroughly wiped down to remove residual contamination.

Enclosures: One CD; Data package, and Appendices

**-END-**



## **APPENDIX A:**

### **SUPPORTING DOCUMENTS**



**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.  
CLANDESTINE METHAMPHETAMINE LABORATORY  
ASSESSMENT FIELD FORMS<sup>©</sup>**

<b>FACTs project name: Black Bear</b>	<b>Form # ML1</b>
<b>Date: April 4, 2012</b>	
<b>Reporting IH:</b>	<b>Caoimhin P. Connell, Forensic IH</b>

**PROPERTY DESCRIPTION:**

Physical address	<b>520 Black Bear Trail, Woodland Park, Colorado</b>	
Legal description or VIN	<b>2006 Maroon Ford Fusion VIN: 3FAFP07Z46R184643</b>	
Registered Property Owner	<b>Shelly Moore</b>	
Number of structures	<b>One</b>	
Type of Structures (Each affected structure will need a "Functional Space" inventory)	Family sedan	95.4 Square feet
Adjacent and/ or surrounding properties	Residential drive way	
General Property Observations	<b>Cosmetically damaged interior</b>	
Source of contamination	<b>Smoking, possession, storage</b>	

### PLUMBING INSPECTION AND INVENTORY

FACTs project name: Black Bear	Form # ML2
Date: April 4, 2012	
Reporting IH:	Caoimhin P. Connell, Forensic IH

Functional Space	Room	Fixture	Indicia?	Comments
NA	NA	NA	NA	NA

### VENTILATION INSPECTION AND INVENTORY

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



**FUNCTIONAL SPACE INVENTORY**

<b>FACTs project name: Black Bear</b>	<b>Form # ML3</b>
<b>Date: April 4, 2012</b>	
<b>Reporting IH:</b>	<b>Caoimhin P. Connell, Forensic IH</b>

<b>Structure Number</b>	<b>Functional Space Number</b>	<b>Indicia (Y/N)</b>	<b>Describe the functional space (See drawings for delineating structural features )</b>
<b>1</b>	<b>1</b>	<b>Y</b>	<b>Passenger compartment</b>
<b>1</b>	<b>2</b>	<b>Y</b>	<b>Trunk</b>

**This area intentionally left blank**



**LAW ENFORCEMENT DOCUMENTATION**

<b>FACTs project name: Black Bear</b>	<b>Form # ML4</b>
<b>Date: April 4, 2012</b>	
<b>Reporting IH:</b>	<b>Caoimhin P. Connell, Forensic IH</b>

Inventory of Reviewed Documents	CSPD CR# 12-08033: Cover sheet (date not legible) Narrative Ofc. Watson (unknown date) Supplemental Ofc. Lockhart (03/17/12) Supplemental Ofc. Plant (03/18/12) Supplemental Ofc. Brewer (date unknown) Supplemental Sgt. Velasquez (date unknown)
Described method(s) of production	No signs of production
Chemicals identified by the LEA as being present	None
Cooking areas identified	Not applicable
Chemical storage areas identified	Entire vehicle
LE Observation on areas of contamination or waste disposal	Not applicable





**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.**

April 4, 2012

Comm/Records Supervisor  
Woodland Park Police Department  
911 Tamarac Pkwy.  
P.O. Box 7255  
Woodland Park, CO 80863

Via Fax: 719.687.1869

Dear Records:

Forensic Applications, Inc. has been contracted to perform a "Preliminary Assessment" for a vehicle in your jurisdiction that meets the statutory definition of an illegal drug laboratory pursuant to CRS §25-18.5-101 *et seq.* and Colorado Regulation 6-CCR-1014-3.

The vehicle, belonging to Carlos and Shelly Moore is currently located at their residence at 520 Black Bear Trail, in Woodland Park.

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 we would like to visit your records offices and briefly review available information there.

We would like to review any narratives and/or briefly speak with any Law Enforcement personnel who may be familiar with the stolen vehicle. We are only interested in issues involving controlled substances or hazardous materials responses associated with the vehicle. If no such records are available please let us know and we will merely make that notation in our report to the Teller County Governing Body (Teller County Department of Health and TCSO).

We will be performing the on-site assessment of the vehicle on the afternoon of Wednesday, April 4, 2012, and we would like to review documents at that point, at your convenience. We apologize for the short notice, however, we generally do not have any control over the timeframes involved. FACTs would be happy to contact your office prior to our site visit and invite your investigators to observe our activities. We will naturally immediately make your office aware of any additional evidence of criminal activity we encounter.

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 very close working relationship with agencies state-wide and we value and respect that open line of communication. Please let me know if you need a copy of our final report(s).

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

Sincerely,

Caoimhín P. Connell  
Forensic Industrial Hygienist



COLORADO SPRINGS POLICE DEPARTMENT  
OFFENSE REPORT

Cindi C

ALLEGED

LAST REPORT NUMBER

12-08033

TITLE/CLASS/STATUS/ATTEMPT Motor Vehicle Theft / Felony / 18-4-409 / Completed				LOCATION OF OCCURRENCE 6822 Ravencrest Drive			
DATE/TIME OCCURRED OR STARTED		DATE/TIME ENDED (IF APPLICABLE)		DATE/TIME REPORTED			
DATE	DAY OF WEEK	TIME	DATE	DAY OF WEEK	TIME	DATE	DAY OF WEEK
3/2/2012	Friday	08:19	3/2/2012	Friday	08:19	3/2/2012	Friday
CALL FOR SERVICE #		ZONE		SECTOR			
12084830		4		43			
DATA ENTRY USE		DE MODIFIED (EM/DATE/TIME)		VICTIM SSN		VICTIM OFFENDER RELATION	
				No		Unknown	
NAME (LAST, FIRST, MIDDLE, SUFFIX)						RACE	SEX
Moore, Shelly						W (W)	F
RESIDENCE ADDRESS						HOME/CELL PHONE	
6822 Ravencrest Dr, Colorado Springs, CO 80919							
WORK NAME/ADDRESS				WORK PHONE		EMAIL	
BUSINESS NAME (IF BUSINESS IS VICTIM)		BUSINESS ADDRESS				BUSINESS PHONE	
PER #	TYPE	NAME (LAST, FIRST, MIDDLE, SUFFIX)				RACE	SEX
1	Susp	unknown				W (W)	M
SSN	MPO NUMBER	ID TYPE	ID NUMBER	ALIAS/KNICKNAME		OFFENSE	
RESIDENCE ADDRESS						HOME/CELL PHONE	
Colorado Springs, CO							
HEIGHT	WEIGHT	HAIR COLOR	EYE COLOR	BUILD	SLIMMINGS NUMBER(S)		
HAIR STYLE	HAIR LENGTH	FACIAL HAIR	COMPLEXION	TEETH	RT HAND	EYE WEAR	SCAR(S)
SCAR MARK, TATTOO (IF YES DESCRIBE IN NARRATIVE)				SUSPECT CAN BE		SUSPECT'S VEHICLE CAN BE	
CLOTHING/GENERAL APPEARANCE/PHYSICAL CHARACTERISTICS							
EMPLOYER/WORK ADDRESS						WORK PHONE	
PERMANENT CONTACT NAME (LAST, FIRST, MIDDLE, SUFFIX)				RELATIONSHIP		RACE	SEX
PERMANENT CONTACT ADDRESS						HOME/CELL PHONE	
VEHICLE RELATION	VEHICLE YEAR	VEHICLE MAKE	VEHICLE MODEL	VEHICLE STYLE	VEHICLE COLORS - TOP/BOTTOM		
Stolen, Victim	2008	FORD	Fusion	SD	RED / RED		
VEHICLE LICENSE NUMBER	VEHICLE VALUE	LICENSE TYPE	LICENSE YEAR	LICENSE STATE	LIC ISSUES - PRIME/NUMBERS		
840UBS	5000.00	pass	2012	CO			
VIN		VEHICLE TOWED BY/TO		VEHICLE INSURED BY		OWNER HOME/CELL PHONE	
3FAFP07Z46R184643				American Family		(719) 210-3110	
VEHICLE OWNER (LAST, FIRST, MIDDLE, SUFFIX)				VEHICLE OWNER ADDRESS			
Moore, Shelly				6822 Ravencrest Dr.			
ADDITIONAL VEHICLE INFORMATION						VEHICLE PICKUP ISSUED	GUN PICKUP
						Yes	
ITEM #	QTY	CATEGORY	BRAND	MODEL	YEAR		
1	1	Automobile	Ford	Fusion	03		
DESCRIPTION							
maroon color sedan							
SERIAL NUMBER		DATE	STOLEN/DAMAGED	VALUE (A)	RECOVERED (B)		
			Stolen	5000			
ITEM #	QTY	CATEGORY	BRAND	MODEL	YEAR		
DESCRIPTION							
SERIAL NUMBER		DATE	STOLEN/DAMAGED	VALUE (A)	RECOVERED (B)		
ADOL OFFENSES	VEHICLE CLASS/STATUS/ATTEMPT	PICKUP ISSUED FOR SUSPECT	PICKUP CANCELLED	ID CLERK NUMBER(S)			
	???	Yes					
INCLUDED PHOTO/VIDEO/DOCUMENTS							
None							
DISPOSITION		EXCEPTIONAL CLEARANCE CATEGORY	NUMBER OF ARRESTS ADULTS JUVENILES	INITIAL ASSESSMENT		ASSIGNED DATE	
				Falcon - Investigations		3/2/2012	
PATROL INVESTIGATION CONTINUING		WORK UNIT	OFFICER'S SUPERVISOR		COMPANY NUMBER(S)		
No		FC1	Sgt. Konz				
OFFICER NAME/NUMBER		APPROVING SUPERVISOR		APPROVAL DATE			
K. S. Walker 75		Sgt. Robert Konz 003		3/2/2012			

COLORADO SPRINGS POLICE DEPARTMENT  
NARRATIVE

12-08033

TITLE/CLASS/STATUS/BEAT/EMPT

Motor Vehicle Theft / Felony / 18-4-409 / Completed

On 030212 at 0820 hrs., I Officer Watson and Officer Douglass were dispatched to 6822 Ravencrest Dr. regarding a motor vehicle theft that just occurred. Upon arrival 030212 at 0828 hrs., I contacted the victim, Shelly Moore and was told that someone had taken her vehicle without her knowledge or permission. Ms. Moore related she saw the suspect get into her car and drive off.

**VICTIM STATEMENT**

The victim, Shelly Moore related her son [REDACTED] went outside with their dog to start the car to warm it up. Ms. Moore said when her son was coming inside, she was looking out her front window and saw someone that looked like her son's friend walking by. Ms. Moore realized it was not one of his friend's when the suspect got into her car and drove away.

Ms. Moore related she remembers the suspect as a white male wearing a black jacket and blue beanie with some type of design on it. Ms. Moore mentioned she started to go outside but the suspect took off before she could stop him.

Ms. Moore related that the value of the vehicle is approximately \$5000.00 and is covered by American Family insurance (full coverage).

Ms. Moore said there is a clear sticker on the rear windshield above the brake light that says "We Care" and is unsure if "Rock Family Church" is also on the sticker. She mentioned there is a scratch on the rear driver side quarter panel and a Graco car seat in the back seat of the vehicle. Ms. Moore said she just filled up the gas tank also.

**WITNESS INFORMATION**

There are not any known witnesses at this time.

**SUSPECT INFORMATION**

There is not any suspect information at this time.

**SCENE DESCRIPTION**

The residence of 6822 Ravencrest Dr. is a townhome and faces to the east. The parking area for the victim's vehicle is directly in front of the residence. The residence has three windows in on the east side of the home and there was a clear view of where the victim's vehicle was parked.

**OFFICER NOTES**

No prints obtained/available. No photos taken. Neighborhood follow-up to 6830 Ravencrest Dr /Ho just got home and did not see anything. There is not a neighbor to the south of the victim and the neighbor to the north was not available.

Pick up issued and ATL citywide completed. Vehicle was running with keys inside when stolen. The victim advised there was not anything of value inside the vehicle, with exception to the car seat. Officer Douglass checked the area with negative results.

Nothing Further.

**COLORADO SPRINGS POLICE DEPARTMENT  
NARRATIVE SUPPLEMENT**

12-08033

TITLE/CLASSIFICATION/STATUS/FE/ATTEMPT Motor Vehicle Theft / Felony / 18-4-409 / Completed		
VICTIM'S NAME (LAST, FIRST, MIDDLE, SUFFIX) MOORE, SHELLY	ZONE 4	SECTOR 41

**SUPPLEMENTAL INFORMATION:**

On 3-17-12 at approximately 1955 hours, I was contacted at the front desk of the Police Operations Center, 705 S Nevada Ave, by Ms. Moore. She advised her car had been stolen approximately two weeks ago, and was recovered today. The officer who responded to the area the car had been located advised Ms. Moore when she cleaned out the car, if she found any property in the car that did not belong to her, to bring it into a police station as evidence. Ms. Moore collected several pieces of paper that had names on it, a GPS unit and two car keys.

The following items were placed into evidence by this officer.

- 1 black GPS unit, unknown make or model, with Otter Box case
- 1 Honda car key
- 1 Dodge car key
- 1 vehicle insurance information listed to [REDACTED]
- 2 ENT bank receipts in the name of Madeline Cox
- 2 paychecks from Central Uniform & linen Supply, in the name [REDACTED]
- 1 Cell phone receipt in the name of Ric Borscheid
- 2 ENT bank statements in the name of Ric Borscheid
- 3 TI Probation receipts in the name of Richard Borscheid
- 1 hand written note with the address of 1205 S Chelton Rd Apt 325
- 1 red spiral bound steno book with hand written notes

All items were placed into evidence by this officer.

DISPOSITION Open	EXCEPTIONAL CLEARANCE CATEGORY N	OFFICER'S SUPERVISOR JEFFCOJA1, 135
OFFICER NAME/NUMBER E. PLANT / 2760	WORK UNIT GH2	APPROVING SUPERVISOR Sgt. Jim Jeffcoat
		APPROVAL DATE 3/18/2012

**COLORADO SPRINGS POLICE DEPARTMENT  
MOTOR VEHICLE SUPPLEMENT REPORT**

3/17/2012

12-08033

CASE	TITLE/CLASSIFICATION/TYPE/EMPT			ZONE	SECTOR
	Motor Vehicle Theft / Felony / 18-4-409 / Completed			4	43
VICTIM'S NAME (LAST, FIRST, MIDDLE, SUFFIX)					
Moore, Shelly					

VEHICLE RELATION	VEHICLE YEAR	VEHICLE MAKE	VEHICLE MODEL	VEHICLE STYLE	VEHICLE COLORS - TOP/BOTTOM
Local Recovery	2006	FORD	Fusion	SD	RED / RED
VEHICLE NUMBER	VEHICLE LICENSE NUMBER	LICENSE TYPE	LICENSE YEAR	LICENSE STATE	LIC. COLORS - PRIME NUMBERS
1					
VIN		VEHICLE TOWED BY/TO		VEHICLE INSURED BY	OWNER HOME/CELL PHONE
3FAFP07Z46R184643				American Family Ins.	(719) 210-5110
VEHICLE OWNER (LAST, FIRST, MIDDLE, SUFFIX)			VEHICLE OWNER ADDRESS		
Moore, Shelly			6822 Ravencrest Dr. CS CO 80919		
ADDITIONAL VEHICLE INFORMATION				VEHICLE PICKUP ISSUED	VALUE(\$)
Vehicle returned to owner					5000.00
				RECOVERED (\$)	5000.00

VEHICLE RELATION	VEHICLE YEAR	VEHICLE MAKE	VEHICLE MODEL	VEHICLE STYLE	VEHICLE COLORS - TOP/BOTTOM
VEHICLE NUMBER	VEHICLE LICENSE NUMBER	LICENSE TYPE	LICENSE YEAR	LICENSE STATE	LIC. COLORS - PRIME NUMBERS
VIN		VEHICLE TOWED BY/TO		VEHICLE INSURED BY	OWNER HOME/CELL PHONE
VEHICLE OWNER (LAST, FIRST, MIDDLE, SUFFIX)			VEHICLE OWNER ADDRESS		
ADDITIONAL VEHICLE INFORMATION				VEHICLE PICKUP ISSUED	VALUE(\$)
				RECOVERED (\$)	

VEHICLE RELATION	VEHICLE YEAR	VEHICLE MAKE	VEHICLE MODEL	VEHICLE STYLE	VEHICLE COLORS - TOP/BOTTOM
VEHICLE NUMBER	VEHICLE LICENSE NUMBER	LICENSE TYPE	LICENSE YEAR	LICENSE STATE	LIC. COLORS - PRIME NUMBERS
VIN		VEHICLE TOWED BY/TO		VEHICLE INSURED BY	OWNER HOME/CELL PHONE
VEHICLE OWNER (LAST, FIRST, MIDDLE, SUFFIX)			VEHICLE OWNER ADDRESS		
ADDITIONAL VEHICLE INFORMATION				VEHICLE PICKUP ISSUED	VALUE(\$)
				RECOVERED (\$)	

VEHICLE RELATION	VEHICLE YEAR	VEHICLE MAKE	VEHICLE MODEL	VEHICLE STYLE	VEHICLE COLORS - TOP/BOTTOM
VEHICLE NUMBER	VEHICLE LICENSE NUMBER	LICENSE TYPE	LICENSE YEAR	LICENSE STATE	LIC. COLORS - PRIME NUMBERS
VIN		VEHICLE TOWED BY/TO		VEHICLE INSURED BY	OWNER HOME/CELL PHONE
VEHICLE OWNER (LAST, FIRST, MIDDLE, SUFFIX)			VEHICLE OWNER ADDRESS		
ADDITIONAL VEHICLE INFORMATION				VEHICLE PICKUP ISSUED	VALUE(\$)
				RECOVERED (\$)	

**Initiating Information**

On 03/17/12 at approximately 0509 hours, Ofc. A. Brewer 4154 and I, Ofc. M. Lockhart 3659, responded to the area of 905 Homewood Pt. Homewood Apartments, to assist Ofc. Sherrow 3651 in reference to some stolen vehicles. Ofc. Sherrow advised he was contacted by a reporting party that stated they knew a stolen Honda sedan and a stolen red Ford Fusion were in that area.

**Officer Statement**

Ofc. Brewer and I were driving the LPR car and drove through the parking lot. The LPR did not pick up any stolen vehicles in the parking lot. As we were driving through the south parking lot, we observed a red Ford Fusion with a Colorado temporary license plate of 297899H. The vehicle was not occupied at the time. Ofc. Brewer attempted to obtain the VIN from the dash but it was covered with a piece of paper. We noticed that the VIN was etched onto the driver's window. I conducted a check of the VIN and it returned that it was stolen out ...

CERT.	OFFICER NAME/NUMBER	WORK UNIT	OFFICER'S SUPERVISOR
	M. Lockhart / 3659	SC3	Sgt. Rosenoff 1254
APPROVING SUPERVISOR			APPROVAL DATE
Sgt. J. ... 1254			3/16/2012

COLORADO SPRINGS POLICE DEPARTMENT  
NARRATIVE OVERFLOW

12-08033

TITLE/CLASS/STATUTE/ATTEMPT

/ Felony / 18-4-409 Motor Vehicle Theft / Completed

Overflow from Narrative:

of Colorado Springs. I conducted a check of the temporary license plate and returned no results. Ofc. Brewer checked the vehicle door and found that the car was unlocked. He then processed the vehicle for evidence. He was unable to locate the vehicle keys inside. The vehicle's license plates were not recovered. I contacted the vehicle's owner, Shelly Moore by phone.

Moore advised that she had a spare key and would respond to pick up her vehicle. I contacted records and ID and had the vehicle removed from CCIC/NCIC. Moore arrived on scene and took possession of her vehicle. She advised her car seat that was in the car at the time the vehicle was stolen was still missing. Officers removed the temporary license plate from the vehicle and placed it into evidence.

Please see the original case report and supplements for more information. Nothing further.

**COLORADO SPRINGS POLICE DEPARTMENT  
NARRATIVE SUPPLEMENT**

12-08033

FILE/CLASS/STATUTE/ATTEMPT Motor Vehicle Theft / Felony / 18-4-409 / Completed		
VICTIM'S NAME (LAST, FIRST, MIDDLE, SUFFIX) Moore, Shelly	ZONE 4	REPORT 43

Patrol/sjr

**Officer Adam Brewer, 4154**

**INITIATING INFORMATION**

On 03-17-12, at approximately 0509 hours, I was contacted by Officer R. Sherrow via my Nextel cellular telephone. Officer Sherrow asked that Officer M. Lockhart and I, Officer A. Brewer, 4154, assist him with a call for service that he was currently working. It should be noted that officer Lockhart and I were a 2-man unit on that evening and that we were in a marked patrol vehicle utilizing the license plate reader system.

Next, I met with Officer Sherrow in a parking lot on the south side of the intersection of E. Pikes Peak and Printers Parkway. Officer Sherrow told me that he was currently on a call for service where two unidentified people had told him that they could lead him to multiple stolen vehicles in the area. Officer Sherrow indicated that he would take them in his vehicle to show us where the possible stolen vehicles were and asked that Officer Lockhart and I utilize the license plate reader system to check the area for other stolen vehicles.

A short while later, Officer Sherrow drove his vehicle with the two unidentified passengers to the area of the **Homewood Point Apartments** that are located in the area of **905 Homewood Point**, Colorado Springs, Colorado. Officer Sherrow then contacted me by department issued Nextel cellular telephone and asked that Officer Lockhart and I enter the gated area of the apartment complex parking lot and utilizing the license plate reader vehicle to determine if there were any stolen vehicles inside of the apartment complex.

Next, Officer Lockhart and I then drove the license plate reader vehicle throughout the apartment complex and did not locate any stolen vehicles, according to the computer system; however, I re-contacted Officer Sherrow, via telephone, and asked him if he had any descriptions of possible vehicles that might be stolen and in the area. Officer Sherrow indicated that his passengers had stated to him that there was possibly a red or burgundy Ford Fusion with a temporary tag in the parking lot that was stolen. Officer Lockhart and I then directed the vehicle towards the southwest corner of the parking lot where we noticed a row of vehicles parked.

Upon entering that area, Officer Lockhart noticed and pointed out to me that there was a red Ford Fusion parked there. I further noticed that this red Ford Fusion had a Colorado temporary tag on the back of the vehicle where the license plate would go. I then asked Officer Lockhart to pull up next to me while I walked on foot towards the vehicle and determined if there was a Vehicle Identification Number that was visible. Upon approaching the front driver's side window towards the front driver's side windshield, I noticed that the area where the Vehicle Identification Number was had been covered with a piece of paper in an attempt to obstruct the view of the Vehicle Identification Number. I then checked other known areas where one might be able to find a Vehicle Identification Number and observed that engraved on the driver's side front window there was a Vehicle Identification Number. I read this number off to Officer Lockhart and determined that this red Ford Fusion, bearing Vehicle Identification Number 3FAFP07Z46R184643 had been stolen. Officer Lockhart indicated to me that this vehicle had been stolen, according to Colorado Springs Police Department records on 03-02-12 from the area of **6822 Raven Crest Dr.** in Colorado Springs.

**PROCESSING FOR EVIDENCE**

Using rubber gloves I tested the driver's side door handle to see if the vehicle was open and observed that the vehicle was unlocked and able to be entered freely.

DISPOSITION Open	EXCEPTIONAL CLEARANCE CATEGORY	OFFICER'S SUPERVISOR Sgt. Hutchison, 1104	
OFFICER NAME/NUMBER Brewer / 4154	WORK UNIT SC3	APPROVING SUPERVISOR Sgt. Corey Hutchison, 1104	APPROVAL DATE 3/20/2012

COLORADO SPRINGS POLICE DEPARTMENT  
NARRATIVE OVERFLOW

12-08033

TITLE/CLASS/STATUTE/ATTEMPT

/ Felony / 18-4-409 Motor Vehicle Theft / Completed

Overflow from Narrative:

I indicated to Officer Lockhart that I would begin processing the vehicle for evidence. First, I started by putting on rubber gloves and processing the vehicle for fingerprints. I noted that there was a possible viable fingerprint on the interior rearview mirror. I collected this fingerprint, which I later placed into evidence at the Sand Creek Substation.

Next, I began looking through the vehicle and noticed that there were multiple items that seemed out of place. It appeared as if there were multiple electronic cords, and I even noticed a portable DVD player. I had Officer Lockhart check this DVD player to determine if it was stolen, via the serial number. Officer Lockhart indicated that the item did not have a record of being stolen.

Next, I moved to the trunk of the vehicle and began looking. I noticed multiple items with other peoples' names on it that were not the name of the owner. It should be noted at this point that Officer Lockhart had contacted the owner, via telephone, and the owner of the vehicle, Ms. **SHELLY MOORE** stated that she would come to our location in order to pick up her vehicle.

The first item that I noticed in the trunk was a Kentucky temporary license plate bearing numbers 8560789. Through my training and experience, I have found that people who steal vehicles often use temporary license plates to avoid detection, as they are harder to trace.

Next, I noticed a U.S. Treasury check in the name of [REDACTED]. Upon looking further into the trunk I noticed a resume in the name of [REDACTED]. Additionally in the trunk of the vehicle I noticed paperwork in the name of [REDACTED] in relation to other motor vehicle warranties and titles.

Next, I moved to the interior of the vehicle where on the passenger side floorboard I noticed a brown fast food bag with trash in it. Upon opening this bag I noticed that there was a receipt for a **Jack in the Box**, Store #8142. This receipt was for food obtained on 03-10-12. I noted that this was during the time that the vehicle was stolen and thought that possibly surveillance video could be obtained. Additionally, in this bag I found a small clear syringe with a red cap that appeared to have been used in recapped. Noting that this was consistent with possible drug paraphernalia, I seized this item as well.

It should be noted at this point that before touching anything inside the vehicle I took photographs of the vehicle, interior and exterior, which I later placed into evidence at the Sand Creek Substation.

Next, I checked the center console of the vehicle. Inside the center console I found the following: a checkbook from TCF Bank in the name of [REDACTED] and [REDACTED], a checkbook from Western National Bank in the name of [REDACTED], checkbook in the name of [REDACTED]. It should be noted that a Colorado Springs records check of victims' files indicated that this item was possibly stolen under case 12-00621 from a motor vehicle from Andrew Pal.; a checkbook in the name of [REDACTED] with a Colorado driver's license and a Social Security card in the same name inside of the checkbook (It should be noted that this was possibly stolen from the victim under Colorado Springs Police Department Case Report 12-07025.). Also, I found a checkbook in the name of [REDACTED] with a Social Security card inside of the checkbook in the same name from ENT Federal Credit Union. It should be noted that this item was possibly stolen under Colorado Springs Police Department Case 12-07999.

**EVIDENCE**

I took all of these items that I have listed and placed them into evidence at the Sand Creek Substation. Shortly after collecting these items, Ms. Moore arrived and identified that the items that I previously mentioned were not hers at all and that she had never had possession of those. Additionally, she noted that the car was "trashed" on the interior and smelled like beer.

I gave Ms. Moore my business card and instructed her that if she found anything further inside of the vehicle that seemed to lead her to believe that it was not hers, or that she might know who had done this to her to, to please call the Colorado Springs Police Department and give us this additional information.

OFFICER NAME / NUMBER

Officer / 14454

REPORT NUMBER: 12-08033-0001

COLORADO SPRINGS POLICE DEPARTMENT  
NARRATIVE OVERFLOW

12-08033

FILE CLASS / STAT / TR / ATTEMPT

/ Felony / 18-4-409 Motor Vehicle Theft / Completed

Overflow from Narrative:

At approximately 0632 hours, I released Ms. Moore's vehicle to her, which she drove off.

At approximately 0632 hours, I went to the Sand Creek Substation, where I placed the aforementioned items into evidence at the Sand Creek Substation.

It should be noted that this case is also connected to another motor vehicle theft in the same of 12-02873, and that it appears as if Officer Sherrow has possible suspect information, or partial suspect information in that case that is related to this case.

For further information, please see other involved officers' supplements. That concludes my involvement with this case at this time.

Nothing further at this time.



COLORADO SPRINGS POLICE DEPARTMENT  
NARRATIVE SUPPLEMENT

12-08033

TITLE/CLASS/STATUTE/ATTEMPT Motor Vehicle Theft / Felony / 18-4-409 / Completed		
VICTIM'S NAME (LAST, FIRST, MIDDLE, SUFFIX) MOORE, SHELLY	ZONE 3	SECTOR 31

Patrol/pnm

**INITIATING INFORMATION**

Saturday  
03-17-12  
4:42 a.m.

I, **Sergeant Hugh M. Velasquez, 1514P, (a Sand Creek Shift III Patrol Division Supervisor)**, working in a marked patrol cruiser and in full uniform, was parked in the parking lot of the Target Store, located at **335 North Academy Blvd.** While parked in this parking lot, I was approached by a silver in color vehicle, bearing Colorado license plate 948XLL. I exited my vehicle and contacted two individuals in this car. I noticed there was a Hispanic male in the car as a passenger and a Hispanic female that was driving. They informed me that they had been trying to contact the police in regards to stolen vehicles in another part of town. I requested a patrol officer be dispatched to my location, and **Officer Richard Sharrow, 3651, (3A70)**, was dispatched to my location.

Upon his arrival, he made contact with these individuals and fully identified them, please see his supplement for further information on their identity.

Shortly after our contact with them, they told us that they would be able to show us the location of these vehicles. They did point out the location, which is in the area of East Pikes Peak Avenue and Colorado Avenue. We did find two stolen cars in that area, and I would note prior to going over there, we were assisted by Officers **Adam Brewer and Michael Lockhart, 3659**, who were functioning as a Baker Unit. (3B8) on that night/morning. I stood by in the area while the officers processed the vehicles and searched for other stolen vehicles as well. I departed from the scene at 6:29 a.m. and had no further duties in regards to this investigation at that time.

**CASE STATUS**

Open

No further follow-up at this time.

DISPOSITION Open	EXCEPTIONAL CLEARANCE CATEGORY N	OFFICER'S SUPERVISOR SGT. JANE ANDERSON, 399
OFFICER NAME/NUMBER SGT. HUGH M. VELASQUEZ / 1514	WORK UNIT SC3	APPROVING SUPERVISOR Lt. Jane Anderson 399
		APPROVAL DATE 3/23/2012

# PRE-REMEDIATION PHOTOGRAPH LOG SHEET

<b>FACTs project name: Black Bear</b>	<b>Form # ML8</b>
<b>Date: April 4, 2012</b>	
<b>Reporting IH:</b>	<b>Caoimhin P. Connell, Forensic IH</b>

Name ▲	Name ▲
IMG_7243	IMG_7277
IMG_7244	IMG_7278
IMG_7245	IMG_7279
IMG_7246	IMG_7280
IMG_7247	IMG_7281
IMG_7248	IMG_7282
IMG_7249	IMG_7283
IMG_7250	IMG_7284
IMG_7251	IMG_7285
IMG_7252	IMG_7286
IMG_7253	IMG_7287
IMG_7254	IMG_7288
IMG_7255	IMG_7289
IMG_7256	IMG_7290
IMG_7257	IMG_7291
IMG_7258	IMG_7297
IMG_7259	PubVin
IMG_7260	PubVin (2)
IMG_7261	Sample 1
IMG_7262	Sample 1 (2)
IMG_7263	Sample 1 (3)
IMG_7264	Sample 1 (4)
IMG_7265	Sample 1 (5)
IMG_7266	Sample 1 (6)
IMG_7267	Sample 1 (7)
IMG_7268	Sample 3
IMG_7269	Sample 3 (2)
IMG_7270	Sample 3 (3)
IMG_7271	Sample 3 (4)
IMG_7272	Sample 3 (5)
IMG_7273	Sample 4
IMG_7274	Sample 4 (2)
IMG_7275	Sample 4 (3)
IMG_7276	Sample 4 (4)
IMG_7277	Sample 4 (5)



## FIELD OBSERVATIONS

<b>FACTs project name: Black Bear</b>	<b>Form # ML5</b>
<b>Date: April 4, 2012</b>	
<b>Reporting IH:</b>	<b>Caoimhin P. Connell, Forensic IH</b>

### Structure:

Indicator	Functional Space	Indicator	Functional Space
Acids	No Comment	Match components	No Comment
Aerosol cans	1	Mercury	No Comment
Alcohols (MeOH, EtOH)	No Comment	Methamphetamine	1, 2
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	1
Batteries	1 <sup>①</sup>	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	1, 2	Presence of cats	No Comment
Colored wastes	No Comment	Propane bottles	No Comment
Corrosion on surfaces	No Comment	Pseudoephedrine	No Comment
Death bag	No Comment	Red P	No Comment
Delaminating paint	No Comment	Red Staining	No Comment
Drug paraphernalia	1	Reserved	NA
Empty OTC Containers	No Comment	Salters	No Comment
Ephedrine	No Comment	Security devices	No Comment
Feces	No Comment	Signs of violence	No Comment
Filters	No Comment	Smoke detectors disabled	No Comment
Forced entry marks	No Comment	Solvents - (organic)	No Comment
Funnels	No Comment	Squalor	1
Gang markings	No Comment	Staining on floors	1
Gas cylinders	No Comment	Staining on walls or ceiling	No Comment
Gerry cans	No Comment	Stash holes	No Comment
Glassware	No Comment	Taping on surfaces	No Comment
Graffiti	No Comment	Tubing	No Comment
Heating mantle/hot plate	No Comment	Urine containers	No Comment
Hidden items	No Comment	Wall anchors	No Comment
Hydrogen peroxide	No Comment	Wall coverings	No Comment
Iodine	No Comment	Wall damage	No Comment
Lead	No Comment	Weapons	No Comment
Lithium	No Comment	Window block material	No Comment
Marijuana	No Comment	Yellow staining	No Comment

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





**INDIVIDUAL SEWAGE DISPOSAL SYSTEM FIELD FORM**

<b>FACTs project name: Black Bear</b>		<b>Form # ML7</b>
<b>Date: April 4, 2012</b>		
<b>Reporting IH:</b>	<b>Caoimhin P. Connell, Forensic IH</b>	

	Yes	No	NA
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			X
Was the leach field line accessible			X
Was the septic tank <u>or</u> leach field lines opened			X
Are solvent odors present from the leach field lines (if "yes" see below)			X
Are solvent odors present from the septic tank (if "yes" see below)			X
Is "slick" present in the septic tank			X
Are biphasic (aqueous-organic) layers present in the septic tank			X
Was pH measured in the septic tank			X
Were organic vapors measured in the septic tank (if "yes" see below)			X
Is sampling of the ISDS warranted			X
Were calawasi/drum thief samples collected from the septic tank			X

\*NC = Not checked

**Qualitative Organic Vapor Monitoring**

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

<b>Location</b>	<b>MOS*</b>	<b>PID*</b>	<b>FID*</b>
NA			

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

Locator Notes:

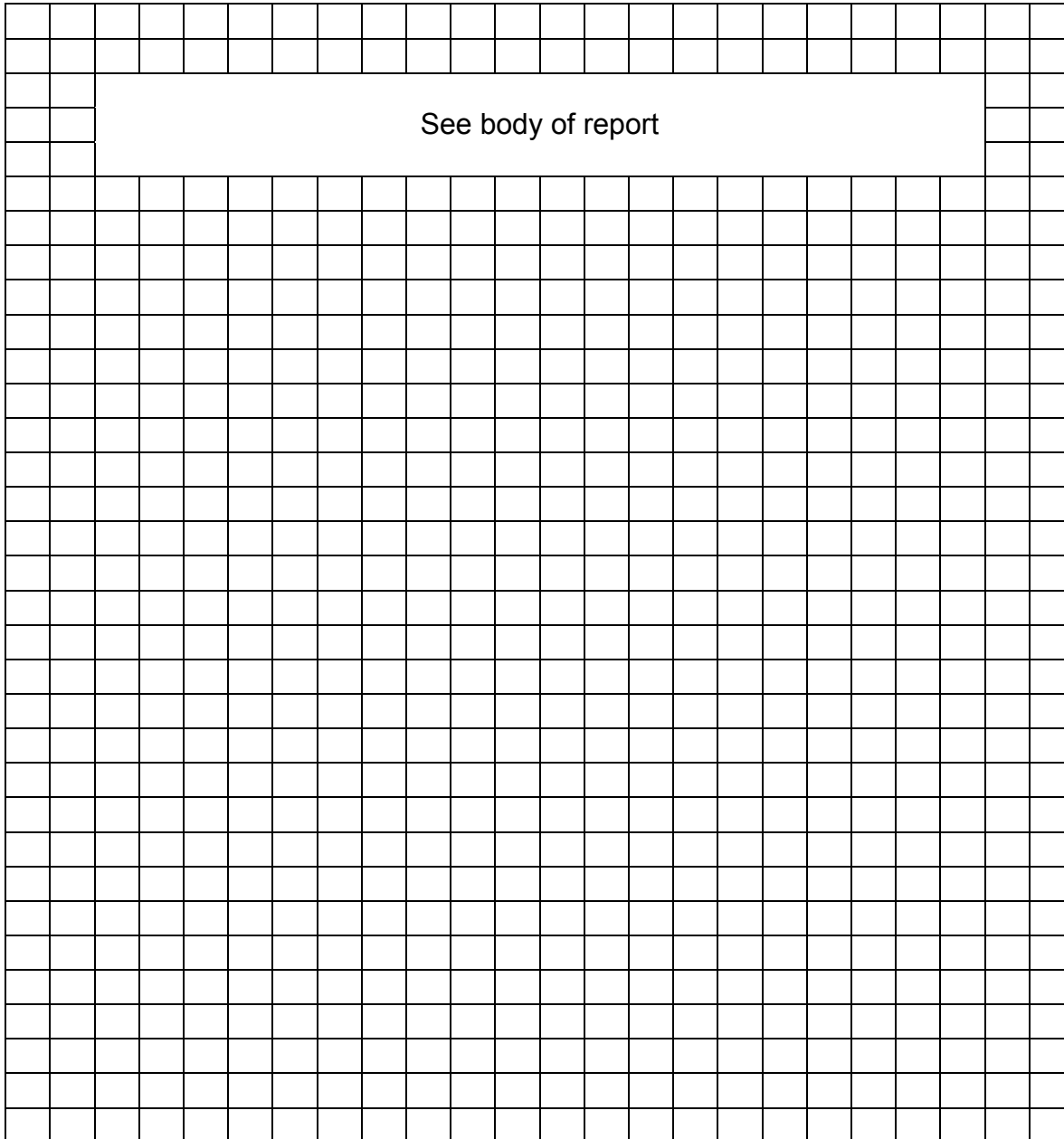
NA



**DRAWING OF COOK AREA(S)**

<b>FACTs project name: Black Bear</b>		<b>Form # ML10</b>
<b>Date: April 4, 2012</b>		
<b>Reporting IH:</b>	Caoimhin P. Connell, Forensic IH	

See body of report																								
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



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

Describe the area: \_\_\_\_\_

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**DRAWING OF STORAGE/DISPOSAL AREA(S)**

<b>FACTs project name: Black Bear</b>	<b>Form # ML11</b>
<b>Date: April 4, 2012</b>	
<b>Reporting IH:</b>	<b>Caoimhin P. Connell, Forensic IH</b>

See body of report																			
[Empty grid for drawing]																			

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

Describe the area: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



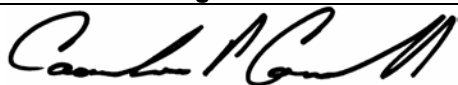





**CERTIFICATION, VARIATIONS AND SIGNATURE SHEET**

<b>FACTs project name: Black Bear</b>	<b>Form # ML14</b>
<b>Date: April 4, 2012</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.	
<del>I do hereby certify that the property has been decontaminated in accordance with the procedures set forth in 6 CCR 1014-3, § 5.</del>	XXXXXXXXXXXXXXXX
<del>I do hereby certify that I conducted post-decontamination clearance sampling in accordance with 6 CCR 1014-3, § 6.</del>	
<del>I do hereby certify that the cleanup standards established by 6 CCR 1014-3, § 7 have been met as evidenced by testing I conducted.</del>	
I do hereby certify that the analytical results reported here are faithfully reproduced.	

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

No known deviation of standard occurred.

**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: April 16, 2012





**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.  
CONSULTANT STATEMENT OF QUALIFICATIONS**

(as required by State Board of Health Regulations 6 CCR 1014-3 Section 8.21)

FACTs project name:	Black Bear	Form # ML15
Date	April 4, 2012	
Reporting IH:	Caoimhín P. Connell, Forensic IH	

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

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

Mr. Connell is Colorado's only private consulting Industrial Hygienist certified by the Office of National Drug Control Policy High Intensity Drug Trafficking Area Clandestine Drug Lab Safety Program, and P.O.S.T. certified by the Colorado Department of Law; he is a member of the Colorado Drug Investigators Association, the American Industrial Hygiene Association (where he serves on the Clandestine Drug Lab Work Group), the American Conference of Governmental Industrial Hygienists and the Occupational Hygiene Society of Ireland. From 2009, as a law enforcement officer representing his agency, Mr. Connell served as the Industrial Hygiene Subject Matter Expert on the Federally funded Interagency Board ([www.IAB.gov](http://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 250 assessments in illegal drug labs in Colorado, Nebraska and Oklahoma, and collected over 2,550 samples during assessments (a detailed list of drug lab experience is available on the web at):

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

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

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

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

## **APPENDIX B**

### **ANALYTICAL REPORTS FOR FACTS SAMPLES**

### SAMPLING FIELD FORM

<b>FACTs project name: Black Bear</b>	<b>Form # ML17</b>
<b>Date: April 4, 2012</b>	<b>Alcohol Lot#: A11Ø1     Gauze Lot#: G1ØØ6</b>
<b>Reporting IH: Caoimhín P. Connell, Forensic IH</b>	<b>Preliminary X    Intermediate ____    Final ____</b>

Sample ID BMØ4Ø412-	Type	Location	Funct. Space	Dimensions	Substrate
-Ø1	W	Dashboard and ventilation	1	Note 1	Plastic
-Ø2	W	BX			
-Ø3	W	Arm rests in back seat	1	Note 1	Vinyl
-Ø4	W	Trunk lining	2	Note 1	Viny

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

Surfaces: DW= Drywall, P=Painted; W= Wood, L= Laminated, V= Varnished, M= Metal, C=Ceramic, PI=Plastic

Note 1: This sample collected from a convoluted topography, and the total area was summed from the individual component, contiguous, surfaces

The final area was calculated in the field and was 500 cm<sup>2</sup>



**Forensic Applications**

**Final Report**

**RES 233164-1**

**April 12, 2012**

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

April 12, 2012

Laboratory Code: RES  
Subcontract Number: NA  
Laboratory Report: RES 233164-1  
Project # / P.O. #: Black Bear  
Project Description: None Given

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

Dear Customer,

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

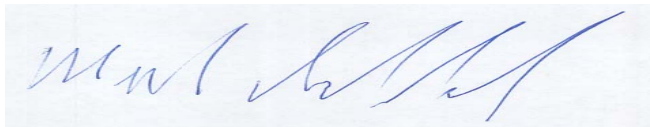
Reservoirs has analyzed the following sample(s) using Gas Chromatography Mass Spectrometry (GC/MS) / Gas Chromatography Flame Ionization Detector (GC/FID) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results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

**RES 233164-1** is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,



Jeanne Spencer Orr  
President



Analyst(s): \_\_\_\_\_  
Mike Schaumloeffel

# RESERVOIRS ENVIRONMENTAL, INC.

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

## TABLE I. ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 233164-1**  
Client: **Forensic Applications**  
Client Project Number / P.O.: **Black Bear**  
Client Project Description: **None Given**  
Date Samples Received: **April 5, 2012**  
Analysis Type: **Methamphetamine by GCMS**  
Turnaround: **5 Day**  
Date Samples Analyzed: **April 11, 2012**

Client ID Number	Lab ID Number	Reporting Limit (µg)	METHAMPHETAMINE CONCENTRATION (µg)
BM040412-01	EM 875771	0.05	3,340
BM040412-02	EM 875772	0.05	BRL
BM040412-03	EM 875773	0.05	2.01
BM040412-04	EM 875774	0.05	2.47

\* 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 233164-1**  
Client: **Forensic Applications**  
Client Project Number / P.O.: **Black Bear**  
Client Project Description: **None Given**  
Date Samples Received: **April 5, 2012**  
Analysis Type: **Methamphetamine by GCMS**  
Turnaround: **5 Day**  
Date Samples Analyzed: **April 11, 2012**

Quality Control Batch	Reporting Limit ( $\mu\text{g}/100\text{cm}^2$ )	Matrix Blank ( $\mu\text{g}/100\text{cm}^2$ )	Matrix Duplicate (% RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
1	0.05	BRL	8	110	116

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

Data QA \_\_\_\_\_



Due Date: 4-12-12  
 Due Time: 11:54

RES 233164

**REILAB Reservoirs Environmental, Inc.**

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: **Forensic Applications, Inc**  
 Address: 185 Bounty Hunters Lane  
 Bailey, CO 80421

Contact: **Caolin P. Connell**  
 Phone: 303-903-7494  
 Fax:   
 Cell/pager:   
 Final Data Deliverable Email Address: **admin@forensic-applications.com**

Project Number and/or P.O. #: **Black Bear**  
 Project Description/Location:   
 Paid

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	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Salmonella: +/-	E.coli O157:H7: +/-	Listeria: +/-	Aerobic Plate Count: +/- or Quantification	Coliforms: +/- or Quantification	S.aureus: +/- or Quantification	Y & M: +/- or Quantification		Mold: +/-, Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES: Not submitted	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yyyy
1																NA	W	1	04/04/12		875731
2																NA	W	1	04/04/12		72
3																NA	W	1	04/04/12		73
4																NA	W	1	04/04/12		74
5																					
6																					
7																					
8																					
9																					
10																					

Number of samples received: 4 (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: [Signature] Date/Time: 4/5/12 11:30 AM  
 Laboratory Use Only Received By: [Signature] Date/Time: 4.5.12 11:54 Carrier: [Signature]

Sample Condition: On Ice Sealed  
 Temp. (F) Yes/No Yes/No  
 Date 4/12/12 Time 12:30 Initials [Signature]  
 Date \_\_\_\_\_ Time \_\_\_\_\_ Initials \_\_\_\_\_

**APPENDIX C**  
**COMPACT DIGITAL DISC (CD)**

