



# Michael Leavitt & Co Inspections, Inc.

"THE MOST QUALIFIED INSPECTOR IN UTAH"

1145 N. Main Street \* Orem, Utah 84057

[www.TheHomeInspector.com](http://www.TheHomeInspector.com) (801) 636-6816



## METH HAZARD SCREEN SURVEY



190 North 300 East - Provo, UT

The purpose of the Meth Hazard Screen Survey is to identify any obvious methamphetamine contamination hazards on the interior of the structure. A visual site assessment was performed along with quality controlled sample collection and analysis. The information gathered from the on site survey and the results from the lab are included in this report. Due to the expense of the lab fees for sample processing, the number of samples taken is greatly determined by the our client's financial investment. The more samples taken, the greater the reduction of risk for our clients.

**LIMITATIONS OF LIABILITY:** Our inspection firm is limited to finding on-site visual evidences and taking swab samples from areas that have proven to be the most effective to contain the contaminants. We have performed the service, but we cannot be held liable for contamination that was either not identified during our limited survey, or for any contamination that has occurred after our screening process. Part of the discovery process is science, part is quality control, part is just dumb luck, and a bigger portion is our experience inspecting structures and knowing where to best look for the meth contamination evidences. We provide a reasonable investment of time for the fee paid. A full meth contamination investigation would be at least 10 times the amount of our limited Meth Hazard Screer Survey fee. For those clients who need full confidence that the structure is "free" from meth contamination, then a full investigation and contamination cleanup is recommended.



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### CLIENT & INSPECTION INFORMATION

CLIENT'S NAME:	Joe Kuchin.
DATE OF SURVEY:	09/16/2010
START TIME:	02:00 PM
SCREENING #:	91610B
SERVICE PROVIDER:	Michael D. Leavitt
AGENT:	Gary Kern



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## LABORATORY TEST RESULTS

### SAMPLING INFORMATION

**METH SURVEYOR:** Michael D. Leavitt.  
**SAMPLES:** 1 composite swipe sample was analyzed. This composite included 3 sampling locations.  
**LABORATORY:** ALS Laboratory Group (formerly DataChem Labs) 800-356-9135.  
**DELIVERY METHOD:** Personal drop off to the laboratory.  
**DROP-OFF TIME:** 10:30 AM.  
**DROP-OFF DATE:** 09/17/2010.  
**RESULT DELIVERY:** The results were delivered to this inspection firm by email. The laboratory result sheet is attached to this report PDF file.  
**DATE RECEIVED:** 9/22/2010.  
**RESULTS:**

**NOT DETECTED  
CONTAMINATION  
WAS NOT IDENTIFIED**

**ACCEPTABLE LEVELS:** The State of Utah decontamination standards for methamphetamine clean-up requires readings of less than or equal to 1 µg/ 1 mcg/1 micrograms Methamphetamine per 100 square centimeters. The margin for error in the laboratory raises this level to 1.05 micrograms Methamphetamine per 100 square centimeters.  
**ACTION LEVEL:** **NOT DETECTED** - Methamphetamine contamination was not detected. Decontamination is not deemed necessary.

## SCOPE & LIMITATIONS

### SCOPE

**INTRODUCTION:** **METH HAZARD SCREEN SURVEY** - A meth hazard screen survey was conducted at the property to identify any obvious meth contamination hazards present in the structure.

The purpose of the Meth Hazard Screen Survey is to help save the expense of a full meth investigation and contamination clean-up, while still providing answers to the following two questions:

1. Are there meth hazards present in the structure?
2. What steps should be taken to control the meth hazards?

A Meth Hazard Screen Survey is an abbreviated type of meth investigation. The Meth Hazard Screen Survey involves fewer environmental samples and less data collection but employs the same levels of quality control in the investigation and sample collection process. Thus, the screen is designed to reduce the evaluation expenses for the client, while protecting the health of the residents.

The Meth Hazard Screen Survey acts as a negative screen. If no hazards are identified, then no further testing is mandated. However, if the results of the screen indicate that meth hazards exist, then further evaluation and expense will be needed in the form of either a full meth investigation and/or contamination clean-up with clearance testing.



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ON-SITE INSPECTION:	Contracted.
SAMPLING STRATEGY:	Contracted.
SAMPLE COLLECTION:	Contracted.
SAMPLE ANALYSIS:	Contracted.
SURVEY REPORT:	Contracted.
LEGAL RECORDS SEARCH:	<b>BEYOND SCOPE</b> - This service is beyond the scope of the Meth Hazard Survey and was not included in this report. The investigation of legal records and databases was not contracted and no searching was performed. Clients can perform their own searches by checking online databases, contacting the county health department, and contacting law enforcement agencies.
SEPTIC EVALUATION:	<b>BEYOND SCOPE</b> - This service is beyond the scope of the Meth Hazard Survey and was not included in this report. This means that the investigation of contamination in the septic system was not performed. No records were searched to determine whether the home is on septic or public sewer systems. The decontamination plan is created after the results from the lab are returned and created in conjunction with the decontamination firm.
ROOM INVENTORY:	<b>BEYOND SCOPE</b> - This service is beyond the scope of the Meth Hazard Survey and was not included in this report. This means that the number, size, and function of each room was not documented. Also, the furniture, belongings and other components were not inventoried. The decontamination plan is created after the results from the lab are returned and created in conjunction with the decontamination firm.
DECONTAMINATION PLAN:	<b>BEYOND SCOPE</b> - This service is beyond the scope of the Meth Hazard Survey and was not included in this report. The decontamination plan is created after the results from the lab are returned and created in conjunction with the decontamination firm.
SITE CLEAN-UP:	<b>BEYOND SCOPE</b> - This service is not offered by our inspection firm. Our firm offers no site clean-up services.
CLEAN-UP DOCUMENTATION:	<b>BEYOND SCOPE</b> - This service is beyond the scope of the Meth Hazard Survey and was not included in this report. Site clean-up documentation is provided by the decontamination firm.
CLEARANCE TESTING:	<b>BEYOND SCOPE</b> - This service is beyond the scope of the Meth Hazard Survey and was not included in this report. Clearance testing with out firm can be contracted and scheduled as the clean-up process is nearing completion.

## LIMITATIONS & EXCLUSIONS

LIMITATIONS:	PLEASE NOTE: There is no silver bullet easy test that can be performed that will deem a structure as being free of meth contamination. To do so would require sampling every inch of every surface in the building, and that is just not financially feasible.
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## SITE & SURVEY INFORMATION

### SURVEY PERSONNEL

COMPANY NAME: Michael Leavitt & Co Inspections, Inc.  
ADDRESS: 1145 N. Main Street  
Orem, Utah 84057.  
PHONE: 801-636-6816.  
SERVICE PROVIDER: Michael D. Leavitt.

### SURVEY INFORMATION

PROPERTY OWNER'S NAME: Unknown.  
MAILING ADDRESS: Unknown.  
TELEPHONE: Unknown.  
SAMPLING SITE: 190 North 300 East - Provo, UT.  
SURVEY START TIME: 2 PM.  
SURVEY END TIME: 6 PM.

### BUILDING SPECIFICS:

BUILDING TYPE: Pioneer single family converted into a tri-plex.  
ENTRY IS FACING: West.  
BUILDING AGE: 1911.  
SETTING: Neighborhood.  
BUILDING USE: Residential.  
OCCUPANCY: All 3 floors are occupied.  
TESTING HISTORY: No history was disclosed.

## EXTERIOR - VISUAL INSPECTION

### TOPOGRAPHY

LOT TYPE: Flat lot.  
HOME VISIBILITY: The home is highly visible from the street.  
APPEARANCE: The lot is well kept from the street view.

### FRONT YARD

IMPACTED SOIL: None. No evidences of typical meth manufacturing or use were found.  
TRASH: None. Trash and debris consistent with meth production and use were not found.  
STAINS: None. Stains consistent with meth production and use were not found.  
DAMAGES: Damage consistent with meth production and use were not found.  
WINDOWS: No broken or boarded up windows were found.  
DOORS: Good.



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## REAR YARD

**GROUND COVERINGS:** Good. No evidences of typical meth manufacturing or use were found.

**TRASH:** None. Trash and debris consistent with meth production and use were not found.

**STAINS:** None. Stains consistent with meth production and use were not found.

**DAMAGES:** Damage consistent with meth production and use were not found.

**WINDOWS:** No broken or boarded up windows were found.

**DOORS:** Good.

**SWIMMING POOL:** There is a traditional in the ground swimming pool installed.

**HOT TUB:** None. There is no hot tub installed.

## GARAGE - SHEDS - OUTBUILDINGS

### GARAGE:

**TYPE:** Detached.

**DESIGN:** 1 level.

**DOORS:** Good.

**BOOBY TRAPS:** None were identified.

## INTERIOR - VISUAL INSPECTION

### GENERAL INTERIOR

**AROMAS:** No disagreeable aromas were identified.

**HOUSEKEEPING:** Normal.

**MAINTENANCE:** Normal.

**FLOORING:** Normal.

**STAINS:** No major stains were identified.

**BURN MARKS:** No major burn marks were identified.

**CORROSION:** No corrosion or rusting was identified on the interior door and cabinet hardware..

**LIGHT FIXTURES:** No corrosion or rusting was identified on the interior light fixtures.

**BLOCKED WINDOWS:** We found no major attempts to conceal windows.

**EXHAUST FANS:** Normal.

**ADDITIONAL FANS:** None.

**ODD VENTILATION:** None.

**SUBPANEL:** No corrosion was identified on the inside of the interior electrical subpanel.

**ODD WIRING:** None was identified.

**SMOKE DETECTORS:** Smoke detectors had missing batteries.

**DAMAGE:** None was identified.

**TRAP DOORS:** None were identified.

**CONCEALED ROOMS:** None were identified.

**TRIGGER SWITCHES:** None were identified.

**BOOBY TRAPS:** None were identified.

**PROPANE BOTTLES:** None were identified.

**MODIFIED ICE CHESTS:** None were identified.

**CAT LITTER:** None was identified.

**PORNOGRAPHY:** None was identified.



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## STOCKPILES:

No stockpile of chemicals or household supplies was identified..

# SAMPLING STRATEGY

## SAMPLING STRATEGY

### APPROACH:

After evaluating the evidences and clues visibly present on the property the following sampling strategy is recommended.

### SWIPE SAMPLES:

**PERFORMED:** Swipe sample testing is recommended for every Meth Hazard Survey Screen.

### CARPET SAMPLES:

**NOT DEEMED NECESSARY:** There were no visual staining evidences present that would make us recommend sampling and analysis.

### SOIL SAMPLES:

**NOT DEEMED NECESSARY:** There were no visual staining evidences present that would make us recommend sampling and analysis.

# SWIPE SAMPLES

## SWIPE SAMPLING METHODOLOGY

### PURPOSE:

Swipe testing is the approved method of testing surfaces for meth contamination. The purpose of the Swipe test is to determine the presence or absence of methamphetamine contamination on surfaces. This test will not conclusively determine whether a property is, or is not, an active "meth lab," or if the structure is, or is not, hazardous to humans. The best that it can do is show the presence or absence of meth contamination on the surfaces tested.

### PROTOCOLS:

The protocols for taking swipe samples are as follows:

#### SOLO DISCREET SAMPLES

- 1) Identify the area where the sample is to be taken. A 4" x 4" area should be marked off for sampling. In the case of a window sill, it is easier to sample a 2" x 8" area.
- 2) Clean gloves are placed on both hands .
- 3) The gauze package is opened and folded into quarters.
- 4) The cap is removed from the vile with a pre-measure amount of alcohol/methanol. The contents are poured onto the folded gauze pad being careful not to drip any of the alcohol.
- 5) Keeping the gauze folded while grasping it between the thumb and the fingers, using firm even pressure the 4" x 4" area is thoroughly wiped in an overlapping "Z" pattern. When the "Z" pattern is complete, the process is repeated over the same area in an up and down "N" pattern. Rough surfaces are "blotted" uniformly instead of wiped so that the gauze is not shredded.
- 6) The gauze pad is then placed in the collection tube and the lid secured to prevent contamination of the sample.
- 7) The gloves, wrappers, vile, and other items are then placed safely in a Ziploc bag for off site disposal.
- 8) The collection tube is then labeled with the date and sample number.
- 9) The sample number and is documented on the chain of custody form.

) The sample is then delivered to the laboratory for analysis.

### COMPOSITE SAMPLES:

For composite sampling the above solo discreet sampling steps are completed with the following modifications:

- 1) All of the composite sampling areas are identified and marked before any sampling is performed.
- 2) After taking the first sample the gauze is refolded to expose a fresh quarter with which to take the second sample.



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- 3) Up to 4 sampling areas can be taken with one gauze pad and placed into one collection tube.
- 4) Each sample location needs to be documented on the chain of custody form so that the lab realizes that they are analyzing a composite sample. This added documentation helps to identify the contaminated areas when the results are issued by the laboratory.

The advantage of composite sampling is that more locations can be taken for each lab fee analysis. The disadvantage occurs when a positive result is returned and you are unsure which area or areas actually have contamination, thus requiring follow up testing to pinpoint the contaminated areas.

**LABORATORY:**

ALS - Formerly Data Chem Laboratories, Inc. \* 960 W. LeVoy Drive \* Salt Lake City, Utah 84123 \* 800-356-9135 \* [www.datachem.com](http://www.datachem.com).

**DELIVERY:**

The samples were dropped off at the laboratory. The "Chain of Custody" forms were mutually signed and the samples were transferred into the custody of their employee for processing and analysis.

## #1 SAMPLE

**LOCATION:**

Top Floor.

**ROOM:**

Living room.

**SURFACE TESTED:**

The up facing side of the ceiling fan blade, The surface was dirty which indicates that no concealment clean-up efforts were performed.

**SAMPLE TYPE:**

This sample was combined with two other samples for a composite reading. This was done to economize the lab testing fees and the result either shows that none of the areas has contamination, or that any or all have contamination.

**RESULT:**

Not detected.

**SAMPLE ID#**

MLC91610B.

**ANALYTE:**

Meth.

**AREA SAMPLED:**

100 cm2.

## #2 SAMPLE

**LOCATION:**

Main Floor.

**ROOM:**

Bathroom.

**SURFACE TESTED:**

Exhaust fan on the outside of the cover.

**SAMPLE TYPE:**

This sample was combined with two other samples for a composite reading. This was done to economize the lab testing fees and the result either shows that none of the areas has contamination, or that any or all have contamination.

**RESULT:**

Not detected.

**SAMPLE ID#**

MLC91610B.

**ANALYTE:**

Meth.

**AREA SAMPLED:**

100 cm2.



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## #3 SAMPLE

**LOCATION:** Basement.  
**ROOM:** Entry hallway.  
**SURFACE TESTED:** The sample was taken off the top of the large boiler circulation pipe just as you enter and bang your head.  
**SAMPLE TYPE:** This sample was combined with two other samples for a composite reading. This was done to economize the lab testing fees and the result either shows that none of the areas has contamination, or that any or all have contamination.  
**RESULT:** Not detected.  
**SAMPLE ID#** MLC91610B.  
**ANALYTE:** Meth.  
**AREA SAMPLED:** 100 cm2.

## SUMMARY

### SUMMARY

**VISUAL INSPECTION:** GOOD - No major visual issues were identified.  
**ACCESSIBILITY** GOOD - Complete access was provided to the property.  
**LABORATORY RESULTS:** GOOD - Methamphetamine contamination was NOT detected.

## RE-EVALUATION FOR METH CONTAMINATION

**WARNING:** It is important to understand that a one time use of meth in the home can cause high levels of contamination that requires major decontamination clean-up efforts to correct. Unless you are absolutely positive that nobody that has entered the building since our testing was performed used methamphetamine, then it is recommended that you retest frequently.  
**RE-EVALUATION:** It is recommended that the property is re-evaluated annually. It is also recommended that sampling be performed with the change of occupancy to ensure a safer environment for the new occupants.  
**RE-EVALUATION DATE:** September, 2011.

## STATEMENT OF COMPLIANCE

**STATEMENT:** I hereby certify that the statements in this Meth Hazard Screening Survey report are true and accurate to the best of my knowledge. I further certify that I have complied with the performance standards established for sampling in the Utah Administrative Code R392-600.

**SIGNATURE:**

**REPORT PREPARED BY:** Michael D. Leavitt - Certified Meth Sampler.  
**PREPARATION DATE:** 09/16-23/2010.



Report Date September 22, 2010

Michael Leavitt  
Michael Leavitt & Co.  
1145 N. Main St.  
Orem, UT 84057

Phone: (801) 636-6816

E-mail: michael@thhomeinspector.com

Client Project ID: Michael Leavitt & Co. 091710  
Purchase Order: NA  
Workorder: 1026025  
Project Manager Rand Potter

**Analytical Results**

Sample ID: <b>MLC91610B</b>	Media: Wipe	Collected: 9/16/2010	
Lab ID: 1026025001	Sampling Location: 190 N 300 E-Provo, U	Received: 9/17/2010	
Method: Illicit Drugs by LC/MS	Sampling Parameter: Area 300 cm <sup>2</sup>	Analyzed: 9/21/2010	
Analyte	ug/sample	ug/100cm <sup>2</sup>	RL (ug/sample)
Methamphetamine	ND	<0.033	0.10

**Report Authorization**

Method: Illicit Drugs by LC/MS	
<u>Thomas J. Masoian</u> Analyst	<u>Thomas Bosch</u> Peer Review

**Laboratory Contact Information**

Phone: (801) 266-7700  
Email: alsst.lab@alsglobal.com  
Web: www.datachem.com

ALS Laboratory Group (formerly DataChem Laboratories, Inc.)  
960 W Levoy Drive  
Salt Lake City, Utah 84123



Client Project ID: Michael Leavitt & Co. 091710  
Purchase Order: NA  
Workorder: 1026025  
Project Manager Rand Potter

### General Lab Comments

The results provided in this report relate only to the items tested.  
Samples were received in acceptable condition unless otherwise noted.  
Samples have not been blank corrected unless otherwise noted.  
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS is accredited by ANSI/ACCLASS (ISO 17025:2005) for specific fields of testing as documented in its current scope of accreditation (ID#AT-1421) which is available on request by contacting your project manager or view on the internet at <http://www.aiclasscorp.com>. The quality systems implemented in the laboratory apply to all technologies performed by ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

### Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.

LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.

ND = Not Detected, Testing result not detected above the LOD or LOQ.

\*\* No result could be reported, see sample comments for details.

< This testing result is less than the numerical value.

( ) This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.