

Case Study # 2

Address: 1720 West Mulberry St. Suite B-1 Fort Collins, CO 80521

Report Date: June 20, 2006

Description: Very high levels of meth detected in a basement kitchen used as a meth lab. After one application of SNL decontamination formulation meth is undetectable in all tested locations in the home.

Pre Test Results

<u>Sample No.</u>	<u>Area Sampled</u>	<u>Analysis</u>	<u>Methods</u>	<u>Result</u>	<u>Units</u>
06130500-01	Main Floor	Meth	GC/MS	<0.02	µg/100cm ²
06130500-02	Stairwell	Meth	GC/MS	0.067	µg/100cm ²
06130500-03	Basement Kitchen	Meth	GC/MS	32.22	µg/100cm ²
06130500-04	Basement Apt.	Meth	GC/MS	<0.02	µg/100cm ²
06130500-05	Basement HVAC	Meth	GC/MS	3.82	µg/100cm ²
06130500-06	Field Blank	Meth	GC/MS	<0.02	µg/100cm ²

Post Test Results

<u>Sample No.</u>	<u>Area Sampled</u>	<u>Analysis</u>	<u>Methods</u>	<u>Result</u>	<u>Units</u>
072505JD-01	Main Floor	Meth	GC/MS	<0.02	µg/100cm ²
072505JD-02	Stairwell	Meth	GC/MS	<0.02	µg/100cm ²
072505JD-03	Basement Kitchen	Meth	GC/MS	<0.02	µg/100cm ²
072505JD-04	Basement Apt.	Meth	GC/MS	<0.02	µg/100cm ²
072505JD-05	Basement HVAC	Meth	GC/MS	<0.02	µg/100cm ²
072505JD-06	Field Blank	Meth	GC/MS	<0.02	µg/100cm ²

Lab Results Provided By:

Morse Environmental Inc.
PO Box 1557
Auburn, WA 98071

&

Legacy Laboratory Services
1225 NE 2nd Ave.
Portland, OR 977232

Case Study # 3

Address 9942 N. Sunview Lane Hayden, ID 83835

Report Date May 11, 2006

Description: Home with a bedroom meth lab. A single decontamination application eliminates meth throughout the home.

Pre Test Results

<u>Sample No.</u>	<u>Area Sampled</u>	<u>Analysis</u>	<u>Methods</u>	<u>Result</u>	<u>Units</u>
1718-1	Front Bedroom	Meth	GC/MS	5.29	µg/100cm ²
1718-02	Kitchen / Living Room	Meth	GC/MS	1.64	µg/100cm ²
1718-3	Back Bedroom	Meth	GC/MS	2.67	µg/100cm ²
1718-4	Method Blank	Meth	GC/MS	<0.02	µg/100cm ²

Post Test Results

<u>Sample No.</u>	<u>Area Sampled</u>	<u>Analysis</u>	<u>Methods</u>	<u>Result</u>	<u>Units</u>
1718-5	Bed 1	Meth	GC/MS	<0.02	µg/100cm ²
1718-6	Bath 1	Meth	GC/MS	<0.02	µg/100cm ²
1718-7	Bed 2	Meth	GC/MS	<0.02	µg/100cm ²
1718-8	Living Room	Meth	GC/MS	<0.02	µg/100cm ²
1719-9	Kitchen	Meth	GC/MS	<0.02	µg/100cm ²
1718-10	Bath 2	Meth	GC/MS	<0.02	µg/100cm ²
1718-11	Bed 3	Meth	GC/MS	<0.02	µg/100cm ²
1718-12	Method Blank	Meth	GC/MS	<0.02	µg/100cm ²

Lab Results Provided By:

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PO Box 1557
Auburn, WA 98071

&

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Case Study #4

Address Superior, CO
Report Date August 15, 2006

Lab Tests Performed By:
Analytical Chemistry Inc.
4611 S. 134th Place Suite 200
Tukwila, WA 98168-3240

Description: Home was first treated with Tri-Sodium Phosphate, which did not eliminate meth contamination to acceptable levels. A following decontamination application removed meth contamination.

Pre Test Results

<u>Sample No.</u>	<u>Area Sampled</u>	<u>Sample Type</u>	<u>Results</u> ($\mu\text{g}/\text{sample}$)
60-1A	Kitchen FS# 1	Composite Wipe	0.353
60-2A	Family Room & Living Room FS# 2	Composite Wipe	0.512
60-2B	Family Room & Living Room FS# 2 (Duplicate)	Composite Wipe (Duplicate)	0.128
60-3A	Family Room & Living Room FS# 2	Composite Vac	0.33
60-3B	Family Room & Living Room (Duplicate)	Composite Vac (Duplicate)	0.314
60-4A	Bathrooms & Laundry/Bathrooms FS# 3	Composite Wipe	0.296
60-5A	Bedrooms & Upstairs Hallway FS# 4	Composite Wipe	0.06
60-5B	Bedrooms & Upstairs Hallway FS# 4 (Duplicate)	Composite Wipe (Duplicate)	0.063
60-6A	Bedrooms & Upstairs Hallway FS# 4	Composite Vac	0.556
60-6B	Bedrooms & Upstairs Hallway FS#4 (Duplicate)	Composite Vac (Duplicate)	0.849
60-7A	Basement & Sub-floor Crawls Space FS# 5	Composite Wipe	1.24
60-8A	Garage FS# 6	Composite Wipe	1.07
60-9A	N/A	Composite Wipe Field Blank	<0.030
60-10A	N/A	Composite Vac Field Blank	<0.030

Notes: All Sample Areas = 500cm^2
CDPHE Limit = $0.5\ \mu\text{g}/100\ \text{cm}^2$
The calculated limit based on compositing samples = $0.1\ \mu\text{g}$

Only discrete sampling was utilized during the post-remediation clearance sampling. In each functional space, as well as within the ventilation system, at least $500\ \text{cm}^2$ of surface was sampled, resulting in the collection of a minimum of (5) samples per functional space. Clearance samples were collected from selected areas within the functional space, with biased sampling utilized to attempt to identify areas which were not adequately decontaminated.