



Lead Assessment Report

For
V.A. Hospital
121 Brownell Street
New Haven, Connecticut

Prepared for
VA Connecticut Healthcare System
950 Campbell Avenue
West Haven, Ct 06516

January 13, 2012

EnviroMcd Project IH-12-014

470 Murdock Ave., Meriden, CT 06450
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I. INTRODUCTION

On January 13th, 2012, EnviroMed Services lead paint inspector and risk assessor Dominick Fiore (License # 002108) Performed a Lead Assessment at 121 Brownell Street in New Haven CT. The Dust Wipe Soil Samples were collected on the request of the Safety Department for the VA Healthcare System located in West Haven, Connecticut.

The samples were collected prior a Veterans' Administration scheduled lead abatement project to determine the concentration of lead dust that may be present in the home prior to the abatement.

Surface dust wipe samples were collected for the purpose of assessing the baseline level of risk from lead dust. A lead dust hazard is present when the concentration of lead in dust is equal to or exceeds the following concentrations, as reported in micrograms per square foot ($\mu\text{g}/\text{ft}^2$). As referenced as follows:

State of Connecticut Lead Poisoning Prevention Program 19a-111

- | | |
|------------------|-------------------------------|
| (A) Floors | 40 $\mu\text{g}/\text{ft}^2$ |
| (B) Window Sills | 250 $\mu\text{g}/\text{ft}^2$ |

Soil samples were collected in areas with exposed soil. For the purpose of assessing the level of risk from lead in soil, a lead hazard is present when the concentration exceeds 400 mg/kg as reported in milligrams per kilogram (mg/kg).

Summary of Results

Surface Dust Wipe Sample Results

The Two (2) Lead in Dust Hazards were found in the following locations:

1. The floor in the front entry hallway was found to contain 117 $\mu\text{g}/\text{ft}^2$.
2. And the window sill in the 3rd floor kitchen was found to contain 873.5 $\mu\text{g}/\text{ft}^2$.

A complete present list of lead in dust wipe samples for can be found in Section II of the report.

Soil Sample Results

Lead in Soil Hazards were found to be in the following locations:

1. Rear of the house close to the Bilco door going to the basement and porch (1018.9 mg/kg).
2. The right and left sides along the front porch and fence (683.5 mg/kg and 1309.1 mg/kg)

The Following soil sample was below 400 mg/kg :

1. Rear of the house in the middle of the yard (372.4).

EnviroMed Recommendations:

1. A thorough lead inspection- Surface by surface. XRF is recommended to identify painted surface compound.
2. In Addition to XRF Lead Inspection, surface dust wipe samples should be conducted along with soil samples from the garden.
3. A Lead Hazard Correction Plan prepared by a licensed Lead Project Designer/ planner should be used to Abate lead hazards.
4. A Lead Management Plan prepared by a licensed Lead Designer should be utilized for any intact lead painted surface to remain following abatement.

II. SAMPLE RESULTS TABLES

Pre-Cleaning Wipes 121 Brownell Street, New Haven CT

Sample Number	Dust Wipe Location	Area ft ² Sampled	Surface Sampled	Lead (ug/ft ²)	Date Sampled
1	1st floor kitchen	1.00	Floor-linoleum	8.8	01/13/12
2	1 st floor kitchen	0.80	Window Sill	33.5	01/13/12
3	1 st floor living room	1.00	Floor-carpet	<7.0	01/13/12
4	1 st floor living room	0.80	Window Sill	160.6	01/13/12
5	1 st floor Rear Hall	1.00	Floor	17.8	01/13/12
6	1 st floor front entry hall	1.00	Floor-carpet	117.5	01/13/12
8	3 rd floor kitchen	1.00	Floor	<7.0	01/13/12
9	3 rd floor kitchen	0.66	Window Sill	873.5	01/13/12
10	3 rd floor common area	1.00	Floor	<7.0	01/13/12
11	3 rd floor stairwell	0.46	Window Sill	16.1	01/13/12
12	3 rd floor bedroom #2	1.00	Floor	<7.0	01/13/12
13	3 rd floor bedroom #2	0.66	Window Sill	64.0	01/13/12
14	2 nd floor kitchen	1.00	Floor	13.6	01/13/12
15	2 nd floor kitchen	0.79	Window Sill	87.9	01/13/12
16	2 nd floor living room	1.00	Floor	<7.0	01/13/12
17	2 nd floor living room	0.79	Window Sill	60.5	01/13/12
18	Blank			<7.0	01/13/12
19	Blank			<7.0	01/13/12

Pre Soil Samples 121 Brownell Street, New Haven, CT

Sample Number	Soil Sample Location	Lead Result (mg/kg)	Date Sampled
S1	Rear by Bilco door	1018.3	01/13/12
S2	Rear in middle of the yard by table	372.4	01/13/12
S3	Right side of front porch	683.5	01/13/12
S4	Left side of front porch	1309.1	01/13/12

III. LEAD WIPE AND SOIL SAMPLE LABORATORY ANALYSIS SHEETS

Enviromed Services, Inc.
 470 Murdock Avenue, Box 13
 Meriden, Connecticut 06450

CHAIN OF CUSTODY FORM

Lead Analysis

14142

Tel: (203) 238-4846
 Fax: (203) 238-4243

Company Name and Address:		Project/Job #:		Sampler's Name:		Purchase Order #:			
1/4 - West Haven 121 Brownell Street New Haven CT		P-11-248		Dominick Fiore					
Sample #	Sample Location	Date of Collection	Time of Collection	Sample Type Wipe/Soil/Chip	Area wiped ft ²	Remarks	Soil (mg/kg)	Chip (% by weight)	Concentration Wipe
1	1st Floor Kitchen	01/13/12	9:35 am	Wipe	1 FE2	Fl. Linsleom			8.0
2	1st Floor Kitchen Sill		9:37 am		33" x 3 1/2"	Wood			26.0
3	1st Floor Floor		9:39 am		1 FE2	Carpet			<7.0
4	1st Floor Sill		9:41 am		33" x 3 1/2"	Wood			128.0
5	1st Floor Hall to Rear		9:45 am		1 FE2	Floor tile			17.0
6	1st Floor Common Hall		9:47 am		1 FE2	Floor tile			117.0
8	3rd Floor Kitchen		9:48 am		1 FE2	Floor tile			<7.0
9	3rd Floor Kitchen		9:55 am		27" x 3 1/2"	Window Sill			576.0
10	3rd Common Area		10:01 am		1 FE2	Carpet			<7.0
11	3rd Floor Stairwell		10:08 am		26 1/2" x 2 1/2"	W.S. wood			7.4
12	3rd Floor Bedroom 2		10:10 am		1 FE2	carpet			<7.0
13	3rd Floor Bedroom 2		10:11 am		27 1/2" x 1/2"	W. wood sill			42.0

Field Personnel

Relinquished by: Dominick Fiore Date: 01/13/12 Received by:

Additional Comments:

Lab Personnel

Relinquished by: Dominick Fiore Date: 1/18/12 Received by: Dominick Fiore

Additional Comments:

CHAIN OF CUSTODY FORM

Lead Analysis

14143

EnviroMed Services, Inc.
470 Murdock Avenue, Box 13
Meriden, Connecticut 06450

Tel: (203) 238-4846
Fax: (203) 238-4243

Company Name and Address:
VA. Wese Haven
131 Bronnall SE
New Haven CT

Project/Job #: P-11-248

Sampler's Name: Dominick Fiore

Purchase Order #:

Sample #	Sample Location	Date of Collection	Time of Collection	Sample Type Wipe/Soil/Chip	Area wiped ft ²	Remarks	Concentration		
							Soil (mg/kg)	Chip (% by weight)	Wipe (ug)
14	RudFLOOR Kitchen	01/13/12	1015am	Wipe	162	Flouorm			
15	RudFLOOR Kitchen W.S.		1017am	Wipe	3/2" x 3/2"	wood			
16	RudFLOOR Living Rm		1021am	Wipe	162	Floor carpet			
17	RudFLOOR Living Rm		1025am	Wipe	32" x 31"	W.S.			
3	Rear b. Back Por		1027am	Soil	2" deep	Rear	1018.3		
52	Rear Middle yard		1035pm	Soil		Rear	372.4		
53	Rear side porch		1045pm	Soil		Front	683.5		
54	Left side of porch		1055am	Soil		Front	1309.1		
18	Blanks		1058am	Soil					
19	Blanks		11am	Soil					

Field Personnel

Relinquished by: Dominick Fiore Date: 01/13/12 Received by: _____

Lab Personnel

Relinquished by: Alex Katt Date: 1/24/12 Received by: Alex Katt Date: 1/13/11

Additional Comments: