

XRF LEAD-BASED PAINT SURVEY w/ TCLP SAMPLING

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SITE: 5 North Main Street
Litchfield, CT

INSPECTOR: James Twitchell
CT Lead Inspector/Risk Assessor License # 001822

INSPECTION DATE: July 6, 2022

SITE INFORMATION: Church

BACKGROUND

James Twitchell performed a pre-renovation lead paint survey on the building 5 North Main Street in Redding, CT on July 6, 2022. The purpose of the inspection is to give a general idea as to the presence and location of lead-based paint (LBP) on the interior and exterior of the buildings to prepare the buildings for potential renovations and/or demolition.

The lead content of the paint on building components was analyzed at the site using an X-Ray Fluorescence Analyzer (Niton XLp 300A). Serial # 22158.

XRF LEAD-BASED PAINT SCREENING SURVEY (see Attachment 1)

The lead content of paint was tested using an X-Ray Fluorescence Analyzer (Niton Model XLp 300A).

The Niton analyzer is a screening device capable of measuring the lead content of surfaces covered with multiple layers of paint. The Niton XLp 300A readings are not affected by the composition of the substrate materials. Each time the Niton XLp 300A is turned on, an electronic calibration is automatically performed. Prior to testing and periodically throughout the survey, the calibration of the analyzer is checked on a surface with a known lead concentration.

Protocols for the assessment of lead in paint are outlined in guidelines published by the US Department of Housing and Urban Development (HUD) and in regulations enforced by Connecticut Department of Public Health (CT-DPH). In accordance with these protocols, the results of testing with the Niton XLp 300A may be interpreted as follows:

Toxic Levels of Lead = Readings greater than or equal to 1.0 mg/cm²*

*Note: OSHA does not currently define a threshold level of lead in paint, which may cause exposure above the action level (AL) and/or permissible exposure limit (PEL). OSHA requires exposure monitoring when lead is identified in paint at any amount to determine lead dust levels.

A total of one-hundred and fifty-three (153) readings were recorded by the XRF analyzer. Of these, seven (7) readings were for calibration purposes, and twenty-four (24) readings were identified as containing **“toxic levels of lead”**. “Null” readings are readings that were not successfully completed when sampling

and are not complete. (Reminder: Every single surface in the building was not tested. Additional lead paint may be present on the interior or exterior painted surfaces that were not tested.) The following surfaces were identified as lead:

- All Exterior Painted Wood (This paint is in poor condition)
- All Interior Painted Wood (This paint is in fair condition)
- 1st Floor Painted Plaster (This paint is in fair to poor condition)

XRF sampling is not sufficient for testing to meet OSHA standards. All construction workers must be notified that lead may be present in the building above OSHA standards. Any structural steel must be assumed to have lead paint present on them.

TCLP LEAD WASTE DISPOSAL SAMPLING (see Attachment 2)

Based on the results of the XRF lead inspection, composite TCLP lead samples were collected of the building materials that were identified as containing lead levels greater than 1.0 mg/cm² (>1.0 mg/cm²), to determine if they could be disposed of as general construction waste.

The samples collected was delivered to Schneider Laboratories where they were analyzed using EPA 3005A-1311 and EPA Method 7000B/1311. The results of the analysis were as follows:

<u>MATERIAL</u>	<u>RESULT</u>	<u>EPA LEVEL</u>
Exterior Wood Composite	87.7 mg/L	5.0 mg/L
Interior Plaster Composite	4.5 mg/L	5.0 mg/L

Based on the sample results, the exterior painted wood should be disposed of as lead hazardous waste if removed during renovations.

LIMITATIONS

HYGENIX, Inc. has performed its services, within the limits prescribed by our clients, with the usual thoroughness and competence of the industrial hygiene profession.

The findings in this report are based upon observations and information available to the inspector during the time of the rendering of the services as described in this report and are based on procedures currently required by applicable laws, regulations, and ordinances. HYGENIX cannot be responsible for conditions or materials the inspector did not observe due to lack of access or was not otherwise reasonably observable. The conclusions in this report are professional opinions based solely upon these findings. The findings and conclusions are intended exclusively for the purpose outlined herein within the scope of work and at the site location and project indicated.

This report is for the sole use of the client. The scope of work performed in execution of this inspection may not be appropriate to satisfy the needs of other users and any reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Inspector _____



Date 07/18/2022

XRF FIELD DATA
5 NORTH MAIN STREET
REDDING, CT

Index	Time	Component	Substrate	Results	PbC	PbL	PbK	Units
1	2022-07-06 07:06				1.23 +/- 0.00	0.19 +/- 0.00	0.00 +/- 0.00	qs
2	2022-07-06 07:07			Negative	<LOD: 0.04	<LOD: 0.04	<LOD: 4.36	mg / cm ²
3	2022-07-06 07:07			Positive	<LOD: 3.75	<LOD: 3.75	<LOD: 15.45	mg / cm ²
4	2022-07-06 07:08			Negative	0.90 +/- 0.10	0.90 +/- 0.10	<LOD: 0.95	mg / cm ²
5	2022-07-06 07:09	WALL	DRYWALL	Positive	<LOD: 32.25	<LOD: 13.80	<LOD: 32.25	mg / cm ²
6	2022-07-06 07:09	WALL	DRYWALL	Positive	<LOD: 33.60	<LOD: 20.70	<LOD: 33.60	mg / cm ²
7	2022-07-06 07:09	WALL	DRYWALL	Positive	<LOD: 32.85	<LOD: 13.35	<LOD: 32.85	mg / cm ²
8	2022-07-06 07:10	WALL	DRYWALL	Positive	<LOD: 30.60	<LOD: 13.20	<LOD: 30.60	mg / cm ²
9	2022-07-06 07:10	WALL	DRYWALL	Positive	<LOD: 32.10	<LOD: 21.30	<LOD: 32.10	mg / cm ²
10	2022-07-06 07:10	WALL	DRYWALL	Positive	<LOD: 31.50	<LOD: 16.65	<LOD: 31.50	mg / cm ²
11	2022-07-06 07:10	WALL	DRYWALL	Positive	<LOD: 33.90	<LOD: 12.90	<LOD: 33.90	mg / cm ²
12	2022-07-06 07:11	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.30	mg / cm ²
13	2022-07-06 07:11	WALL	DRYWALL	Positive	<LOD: 30.90	<LOD: 28.35	<LOD: 30.90	mg / cm ²
14	2022-07-06 07:12	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.72	mg / cm ²
15	2022-07-06 07:12	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.91	mg / cm ²
16	2022-07-06 07:12	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.70	mg / cm ²
17	2022-07-06 07:13	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.23	mg / cm ²
18	2022-07-06 07:13	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.31	mg / cm ²
19	2022-07-06 07:13	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.25	mg / cm ²
20	2022-07-06 07:14	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.16	mg / cm ²
21	2022-07-06 07:14	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.94	mg / cm ²
22	2022-07-06 07:14	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.02	mg / cm ²
23	2022-07-06 07:15	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.27	mg / cm ²
24	2022-07-06 07:15	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.40	mg / cm ²
25	2022-07-06 07:15	WALL	DRYWALL	Positive	<LOD: 20.25	<LOD: 20.55	<LOD: 20.25	mg / cm ²
26	2022-07-06 07:16	WALL	DRYWALL	Positive	<LOD: 24.60	<LOD: 13.65	<LOD: 24.60	mg / cm ²
27	2022-07-06 07:16	WALL	DRYWALL	Positive	<LOD: 8.25	<LOD: 5.70	<LOD: 8.25	mg / cm ²
28	2022-07-06 07:16	WALL	DRYWALL	Positive	<LOD: 6.90	<LOD: 6.90	<LOD: 7.80	mg / cm ²
29	2022-07-06 07:16	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.60	mg / cm ²
30	2022-07-06 07:17	WALL	DRYWALL	Positive	<LOD: 7.95	<LOD: 2.70	<LOD: 7.95	mg / cm ²
31	2022-07-06 07:17	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.38	mg / cm ²
32	2022-07-06 07:18	WALL	DRYWALL	Null	<LOD: 0.03	<LOD: 0.03	1.60 +/- 0.60	mg / cm ²
33	2022-07-06 07:19	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.26	mg / cm ²
34	2022-07-06 07:19	WALL	DRYWALL	Positive	<LOD: 12.30	<LOD: 7.80	<LOD: 12.30	mg / cm ²
35	2022-07-06 07:19	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.81	mg / cm ²
36	2022-07-06 07:20	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.93	mg / cm ²
37	2022-07-06 07:20	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.57	mg / cm ²
38	2022-07-06 07:21	WALL	DRYWALL	Positive	<LOD: 7.50	<LOD: 2.85	<LOD: 7.50	mg / cm ²
39	2022-07-06 07:21	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.65	mg / cm ²
40	2022-07-06 07:22	WALL	DRYWALL	Null	<LOD: 0.03	<LOD: 0.03	<LOD: 6.18	mg / cm ²
41	2022-07-06 07:22	WALL	DRYWALL	Null	<LOD: 0.03	<LOD: 0.03	<LOD: 2.92	mg / cm ²
42	2022-07-06 07:22	WALL	DRYWALL	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.89	mg / cm ²
43	2022-07-06 07:23	WALL	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.63	mg / cm ²
44	2022-07-06 07:23	WALL	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 2.73	mg / cm ²
45	2022-07-06 07:24	WALL	WOOD	Negative	<LOD: 0.05	<LOD: 0.05	<LOD: 3.48	mg / cm ²
46	2022-07-06 07:24	WALL	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.12	mg / cm ²
47	2022-07-06 07:25	WALL	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.32	mg / cm ²

Index	Time	Component	Substrate	Results	PbC	PbL	PbK	Units
48	2022-07-06 07:25	WALL	WOOD	Null	<LOD: 0.05	<LOD: 0.05	<LOD: 6.56	ng / cm ²
49	2022-07-06 07:25	WALL	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.52	ng / cm ²
50	2022-07-06 07:25	WALL	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.83	ng / cm ²
51	2022-07-06 07:26	WALL	WOOD	Negative	<LOD: 0.24	<LOD: 0.24	<LOD: 3.70	ng / cm ²
52	2022-07-06 07:27	WALL	WOOD	Negative	<LOD: 0.35	<LOD: 0.35	<LOD: 3.90	ng / cm ²
53	2022-07-06 07:27	WALL	WOOD	Negative	<LOD: 0.07	<LOD: 0.07	<LOD: 2.73	ng / cm ²
54	2022-07-06 07:27	WALL	WOOD	Negative	<LOD: 0.05	<LOD: 0.05	<LOD: 3.90	ng / cm ²
55	2022-07-06 07:27	WALL	WOOD	Negative	<LOD: 0.05	<LOD: 0.05	<LOD: 3.89	ng / cm ²
56	2022-07-06 07:28	WALL	WOOD	Negative	<LOD: 0.50	<LOD: 0.50	<LOD: 3.29	ng / cm ²
57	2022-07-06 07:28	WALL	WOOD	Negative	<LOD: 0.25	<LOD: 0.25	<LOD: 3.34	ng / cm ²
58	2022-07-06 07:28	WALL	WOOD	Negative	<LOD: 0.27	<LOD: 0.27	<LOD: 3.45	ng / cm ²
59	2022-07-06 07:29	WALL	WOOD	Negative	<LOD: 0.28	<LOD: 0.28	<LOD: 3.18	ng / cm ²
60	2022-07-06 07:30	WALL	WOOD	Negative	<LOD: 0.28	<LOD: 0.28	<LOD: 3.40	ng / cm ²
61	2022-07-06 07:30	WALL	WOOD	Negative	<LOD: 0.60	<LOD: 0.60	<LOD: 4.07	ng / cm ²
62	2022-07-06 07:30	WALL	WOOD	Negative	<LOD: 0.16	<LOD: 0.16	<LOD: 3.54	ng / cm ²
63	2022-07-06 07:31	WALL	WOOD	Negative	<LOD: 0.18	<LOD: 0.18	<LOD: 4.09	ng / cm ²
64	2022-07-06 07:31	WALL	WOOD	Negative	<LOD: 0.48	<LOD: 0.48	<LOD: 4.91	ng / cm ²
65	2022-07-06 07:32	WALL	WOOD	Negative	<LOD: 0.23	<LOD: 0.23	<LOD: 4.05	ng / cm ²
66	2022-07-06 07:32	WALL	WOOD	Negative	<LOD: 0.23	<LOD: 0.23	<LOD: 3.91	ng / cm ²
67	2022-07-06 07:33	WALL	WOOD	Positive	<LOD: 27.90	<LOD: 13.95	<LOD: 27.90	ng / cm ²
68	2022-07-06 07:34	DOOR	WOOD	Negative	<LOD: 0.19	<LOD: 0.19	<LOD: 3.41	ng / cm ²
69	2022-07-06 07:34	DOOR	WOOD	Negative	<LOD: 0.38	<LOD: 0.38	<LOD: 3.46	ng / cm ²
70	2022-07-06 07:35	DOOR	WOOD	Negative	<LOD: 0.21	<LOD: 0.21	<LOD: 3.45	ng / cm ²
71	2022-07-06 07:35	DOOR	WOOD	Negative	<LOD: 0.25	<LOD: 0.25	<LOD: 4.35	ng / cm ²
72	2022-07-06 07:35	DOOR	WOOD	Negative	<LOD: 0.07	<LOD: 0.07	<LOD: 4.40	ng / cm ²
73	2022-07-06 07:36	DOOR	WOOD	Negative	<LOD: 0.07	<LOD: 0.07	<LOD: 4.75	ng / cm ²
74	2022-07-06 07:36	DOOR	WOOD	Null	<LOD: 0.45	<LOD: 0.45	<LOD: 6.40	ng / cm ²
75	2022-07-06 07:36	DOOR	WOOD	Negative	<LOD: 0.22	<LOD: 0.22	<LOD: 3.67	ng / cm ²
76	2022-07-06 07:36	DOOR	WOOD	Negative	<LOD: 0.19	<LOD: 0.19	<LOD: 3.68	ng / cm ²
77	2022-07-06 07:37	DOOR	WOOD	Null	<LOD: 0.07	<LOD: 0.07	<LOD: 4.07	ng / cm ²
78	2022-07-06 07:37	DOOR	WOOD	Negative	<LOD: 0.09	<LOD: 0.09	<LOD: 3.50	ng / cm ²
79	2022-07-06 07:37	DOOR	WOOD	Negative	<LOD: 0.07	<LOD: 0.07	<LOD: 3.87	ng / cm ²
80	2022-07-06 07:37	DOOR	WOOD	Negative	<LOD: 0.09	<LOD: 0.09	<LOD: 3.72	ng / cm ²
81	2022-07-06 07:38	DOOR	WOOD	Negative	<LOD: 0.31	<LOD: 0.31	<LOD: 3.95	ng / cm ²
82	2022-07-06 07:38	DOOR	WOOD	Null	<LOD: 1.38	<LOD: 1.38	<LOD: 9.38	ng / cm ²
83	2022-07-06 07:39	DOOR	WOOD	Negative	<LOD: 0.42	<LOD: 0.42	<LOD: 3.52	ng / cm ²
84	2022-07-06 07:39	DOOR	WOOD	Negative	<LOD: 0.50	<LOD: 0.50	<LOD: 3.92	ng / cm ²
85	2022-07-06 07:40	DOOR	WOOD	Negative	<LOD: 0.32	<LOD: 0.32	<LOD: 3.14	ng / cm ²
86	2022-07-06 07:40	DOOR	WOOD	Negative	<LOD: 0.31	<LOD: 0.31	<LOD: 3.79	ng / cm ²
87	2022-07-06 07:40	DOOR	WOOD	Null	<LOD: 0.03	<LOD: 0.03	<LOD: 5.50	ng / cm ²
88	2022-07-06 07:40	DOOR	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.25	ng / cm ²
89	2022-07-06 07:41	DOOR	WOOD	Negative	<LOD: 0.04	<LOD: 0.04	<LOD: 3.30	ng / cm ²
90	2022-07-06 07:41	DOOR	WOOD	Negative	<LOD: 0.03	<LOD: 0.03	<LOD: 3.36	ng / cm ²
91	2022-07-06 07:41	DOOR	WOOD	Negative	<LOD: 0.04	<LOD: 0.04	<LOD: 3.60	ng / cm ²
92	2022-07-06 07:42	FLOOR	ceramic	Negative	<LOD: 0.09	<LOD: 0.09	<LOD: 6.60	ng / cm ²
93	2022-07-06 07:42	FLOOR	ceramic	Negative	<LOD: 0.11	<LOD: 0.11	<LOD: 1.84	ng / cm ²
94	2022-07-06 07:43	FLOOR	ceramic	Negative	<LOD: 0.06	<LOD: 0.06	<LOD: 7.60	ng / cm ²

Index	Time	Component	Substrate	Results	PbC	PbL	PbK	Units
95	2022-07-06 07:43	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.60	ng / cm ²
96	2022-07-06 07:44	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.54	ng / cm ²
97	2022-07-06 07:44	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.42	ng / cm ²
98	2022-07-06 07:45	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.55	ng / cm ²
99	2022-07-06 07:45	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 2.22	ng / cm ²
100	2022-07-06 07:45	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.49	ng / cm ²
101	2022-07-06 07:46	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.46	ng / cm ²
102	2022-07-06 07:46	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.12	ng / cm ²
103	2022-07-06 07:46	DOOR	Wood	Negative	< LOD: 0.30	< LOD: 0.30	< LOD: 4.25	ng / cm ²
104	2022-07-06 07:47	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.14	ng / cm ²
105	2022-07-06 07:47	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.60	ng / cm ²
106	2022-07-06 07:47	DOOR	Wood	Null	< LOD: 0.03	< LOD: 0.03	< LOD: 6.04	ng / cm ²
107	2022-07-06 07:47	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.55	ng / cm ²
108	2022-07-06 07:48	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.27	ng / cm ²
109	2022-07-06 07:48	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 2.47	ng / cm ²
110	2022-07-06 07:48	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.90	ng / cm ²
111	2022-07-06 07:48	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.61	ng / cm ²
112	2022-07-06 07:49	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 1.99	ng / cm ²
113	2022-07-06 07:49	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.70	ng / cm ²
114	2022-07-06 07:49	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 4.12	ng / cm ²
115	2022-07-06 07:49	DOOR	Wood	Negative	< LOD: 0.05	< LOD: 0.05	< LOD: 3.33	ng / cm ²
116	2022-07-06 07:50	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.24	ng / cm ²
117	2022-07-06 07:50	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 1.77	ng / cm ²
118	2022-07-06 07:50	DOOR	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.25	ng / cm ²
119	2022-07-06 07:51	DOOR	Wood	Negative	< LOD: 0.05	< LOD: 0.05	< LOD: 3.09	ng / cm ²
120	2022-07-06 07:51	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.11	ng / cm ²
121	2022-07-06 07:51	DOOR	Wood	Negative	< LOD: 0.05	< LOD: 0.05	< LOD: 3.00	ng / cm ²
122	2022-07-06 07:51	DOOR	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.15	ng / cm ²
123	2022-07-06 07:52	WINDOW	Wood	Negative	< LOD: 0.16	< LOD: 0.16	< LOD: 4.01	ng / cm ²
124	2022-07-06 07:52	WINDOW	Wood	Negative	< LOD: 0.67	< LOD: 0.67	< LOD: 3.30	ng / cm ²
125	2022-07-06 07:53	WINDOW	Wood	Positive	< LOD: 19.35	< LOD: 181.80	< LOD: 19.35	ng / cm ²
126	2022-07-06 07:54	WINDOW	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.81	ng / cm ²
127	2022-07-06 07:55	WINDOW	Wood	Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.45	ng / cm ²
128	2022-07-06 07:55	WINDOW	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 2.70	ng / cm ²
129	2022-07-06 07:56	WINDOW	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.60	ng / cm ²
130	2022-07-06 07:56	WINDOW	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.00	ng / cm ²
131	2022-07-06 07:56	WINDOW	Wood	Negative	< LOD: 0.05	< LOD: 0.05	< LOD: 3.52	ng / cm ²
132	2022-07-06 07:57	WINDOW	Wood	Negative	< LOD: 0.03	< LOD: 0.03	< LOD: 3.26	ng / cm ²
133	2022-07-06 07:57	WINDOW	Wood	Null	< LOD: 0.07	< LOD: 0.07	< LOD: 3.34	ng / cm ²
134	2022-07-06 07:57	WINDOW	Wood	Negative	< LOD: 0.08	< LOD: 0.08	< LOD: 3.45	ng / cm ²
135	2022-07-06 07:58	WINDOW	Wood	Null	< LOD: 1.62	< LOD: 1.62	< LOD: 7.94	ng / cm ²
136	2022-07-06 07:58	WINDOW	Wood	Negative	< LOD: 0.26	< LOD: 0.26	< LOD: 3.90	ng / cm ²
137	2022-07-06 07:59	WINDOW	Wood	Negative	< LOD: 0.28	< LOD: 0.28	< LOD: 3.24	ng / cm ²
138	2022-07-06 07:59	WINDOW	Wood	Positive	< LOD: 6.15	< LOD: 6.15	< LOD: 8.40	ng / cm ²
139	2022-07-06 08:01	WINDOW	Wood	Negative	< LOD: 0.20	< LOD: 0.20	< LOD: 3.45	ng / cm ²
140	2022-07-06 08:03	WINDOW	Wood	Negative	< LOD: 0.34	< LOD: 0.34	< LOD: 3.95	ng / cm ²
141	2022-07-06 08:03	WINDOW	Wood	Negative	< LOD: 0.22	< LOD: 0.22	< LOD: 3.50	ng / cm ²

Index	Time	Component	Substrate	Results	PbC	PbL	PbK	Units
142	2022-07-06 08:04	exterior	Wood	Positive	< LOD: 21.45	< LOD: 9.30	< LOD: 21.45	mg / cm ^2
143	2022-07-06 08:05	exterior	Wood	Positive	< LOD: 18.15	< LOD: 19.35	< LOD: 18.15	mg / cm ^2
144	2022-07-06 08:05	exterior	Wood	Positive	< LOD: 18.15	< LOD: 27.30	< LOD: 18.15	mg / cm ^2
145	2022-07-06 08:06	exterior	Wood	Positive	< LOD: 26.55	< LOD: 22.80	< LOD: 26.55	mg / cm ^2
146	2022-07-06 08:06	exterior	Wood	Positive	< LOD: 5.70	< LOD: 5.70	< LOD: 11.85	mg / cm ^2
147	2022-07-06 08:07	exterior	Wood	Positive	< LOD: 24.00	< LOD: 17.55	< LOD: 24.00	mg / cm ^2
148	2022-07-06 08:08	exterior	Wood	Positive	< LOD: 21.15	< LOD: 20.10	< LOD: 21.15	mg / cm ^2
149	2022-07-06 08:10	exterior	Wood	Negative	< LOD: 0.17	< LOD: 0.17	< LOD: 3.37	mg / cm ^2
150	2022-07-06 08:14			Negative	< LOD: 0.04	< LOD: 0.04	< LOD: 3.75	mg / cm ^2
151	2022-07-06 08:15			Positive	1.20 +/- 0.20	1.20 +/- 0.20	< LOD: 1.18	mg / cm ^2
152	2022-07-06 08:15			Positive	< LOD: 4.50	< LOD: 4.50	< LOD: 15.75	mg / cm ^2
153	2022-07-06 08:16			Positive	3.30 +/- 1.90	3.30 +/- 1.90	< LOD: 10.95	mg / cm ^2

TCLP LABORATORY DATA
5 NORTH MAIN STREET
REDDING, CT



Customer: HYGENIX, INC. (117)
Address: 49 Woodside St
Stamford, CT 06902

Order #: 480412

Matrix TCLP
Received 07/08/22
Reported 07/13/22

Attn:
Project: 5 North Main Street
Location: Redding CT
Number:

PO Number: James Twitchell

Sample ID	Cust. Sample ID	Location	Result	RL*	Units	Analysis Date	Analyst
Parameter		Method					
480412-001	01	Int Plaster Composite					
Metals Analysis							
Lead		EPA 7000B / 1311	4.50	0.200	mg/L	07/09/22	KM
480412-002	02	Ext Green Painted Wood					
Metals Analysis							
Lead		EPA 7000B / 1311	87.7	2.00	mg/L	07/09/22	KM

The Matrix Spike (MS) failed. The MS is a duplicate sample spiked with lead. Lead concentration required dilutions which decreased the spike in the MS below acceptance limits. Sample results are not affected by the failure and are accurate.

480412-07/13/22 04:35 PM

Reviewed By: **Jennifer Lee**
Manager

EPA TCLP Regulatory Limits

Parameter	Reg. Limit	Unit
Lead	5.00	mg/L

State Certifications

Method	Parameter	Connecticut	Virginia
EPA 7000B	Lead	ELAP Certified	VELAP Certified
State	Certificate Number		
Connecticut	ELAP PH-0118		
Virginia	VELAP 11737		

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = µg/kg and Water PPM = mg/L | PPB = µg/L. The test results apply to the sample as received.





SCHNEIDER LABORATORIES GLOBAL, INC.
 2512 West Cary Street, Richmond, Virginia 23220-5117
 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
 www.slabin.com e-mail: info@slabin.com

480412

V:480480412

jlee 7/8/2022 10:13:16 AM
 Federal Express 81627 1064021

Submitting Co. HYGENIX, Inc.	Lab WO#	Phone 203-324-2222
49 Woodside Street	Acct # 117	Fax / Email jtwitchell@hygenix.com
Stamford, CT 06902	**State of Collection CT	**Cert. Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Project Name: 5 North Main Street	Special Instructions [include requests for special reporting or data packages]	
Project Location: Redding, CT		
Project Number:		
PO Number:		

Turn Around Time (TAT) <input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* † <input type="checkbox"/> 1 business day* † <input type="checkbox"/> 2 business days* † <input type="checkbox"/> 3 business days* † <input checked="" type="checkbox"/> 5 business days* † * Not available for all tests † Job received past 3PM will begin its TAT the next business day Schedule rush organics, multi-metals & weekend tests in advance.	Matrix / Sample Type (Select ONE) All samples on form should be of SAME matrix type. Use additional forms as needed. <input type="checkbox"/> Air <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> <input type="checkbox"/> Soil <input type="checkbox"/>	Tests / Analytes (Select ALL that Apply)		
		Asbestos in Air <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) Miscellaneous Tests <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0800) <input type="checkbox"/> Silica - FFIR (NIOSH-7802) <input type="checkbox"/> Silica - XRD (NIOSH 7500) <input type="checkbox"/> Other	Asbestos in Bulk <input type="checkbox"/> PLM <input type="checkbox"/> PLM (Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP <input type="checkbox"/> CAELAP (Point Count) <input type="checkbox"/> TEM (Chatfield)	Metals-Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals TCLP <input checked="" type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) to day Microbiology <input type="checkbox"/> BACT (MPN & P/A) <input type="checkbox"/> Mold Direct Exam

Sample #	Date Sampled**	Time Sampled*	Sample Identification (Employee, SSN, Bldg, Material, Type)	Wiped Area (ft²)	pH / Temp *	Time²		Flow Rate³		Total⁴ Air
						Start	Stop	Start	Stop	
01	07/06/22		Interior Plaster Composite							
02	07/06/22		Exterior Green Painted Wood							

*Type: A=Area B=Blank P=Personal E=Excursion †Beginning/End of Sample Period ‡Pump Calibration in Liters/minute ²Volume in Liters [time in min x flow in L/min]
 All soil and aqueous samples must be sent in adequate quantity for duplicate analysis to be performed per EPA requirements. Failure to perform a sample duplicate analysis, due to a lack of sample quantity, will lead to a disclaimer on the report. All problem jobs without customer response held over 30 days will be voided and disposed of.

Sampled by		Relinquished to lab by		For Lab Use:
NAME	<u>James Twitchell</u>	NAME	<u>James Twitchell</u>	
SIGNATURE	<i>[Signature]</i>	SIGNATURE	<i>[Signature]</i>	
DATE / TIME	<u>07/06/22</u>	DATE / TIME	<u>07/07/22</u>	
Sample Disposal <input type="checkbox"/> Return to Sender (shipping fees) <input type="checkbox"/> Disposal by Lab (500 fee for excessive weight) * Temperature taken with IR Gun A. **Required. Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.				

