

LEAD-BASED PAINT INSPECTION

for

**PIKE COUNTY HOUSING AUTHORITY
BAYLIS UNITS
BAYLIS, ILLINOIS**

date of sampling:

MAY 7, 2013

table of contents:

- ① INTRODUCTION
- ② SUMMARY OF FINDINGS (POSITIVE MATERIALS)
- ③ XRF ANALYSIS SUMMARY
- ④ SITE PLAN(S)
- ⑤ INSPECTOR'S CREDENTIALS
RADIOACTIVE MATERIAL LICENSE

consultant:

**HINDS ENVIRONMENTAL, INC.
2975 STANTON STREET
SPRINGFIELD, ILLINOIS 62703
(217) 585-8970 • FAX (217) 585-8879**

SECTION 1

INTRODUCTION

A. APPLICABLE STANDARDS

This inspection report was developed in accordance with HUD/EPA standards for lead-based paint of 1.0 mg/cm^2 or 0.5% by weight as defined by Title X of the 1992 Housing and Community Development Act. Title X is also known as the Residential Lead-based Paint Hazard Reduction Act of 1992.

B. PROTOCOL

INSPECTION PROTOCOL

The intent of this lead-based paint inspection was to inspect and identify lead-based paint on building component surfaces both on the interior and the exterior.

SAMPLING PROTOCOL

Lead-based paint sampling is done using a Niton XLp Spectrum Lead Detector (Model 300A) X-ray Fluorescence (XRF) instrument. This device uses a radioactive source that releases photons of energy onto a painted surface. The emitted photon causes a characteristic wavelength of energy to be released. The instrument then measures the energy release to determine if lead is present and at what amount. Substrate correction is not necessary with this instrument, and it can penetrate 20 layers of paint.

The lead summary of findings identifies building components that tested positive for lead-based paint. The XRF analysis sheets have identified testing areas. The sheets have reading number, then list component tested, substrate, side, condition, color, room, unit number and result. (Color listed is the visible color and may not be the color of the paint that contains lead.) No device at present can differentiate what layer or layers of paint on a surface actually is/are the layer or layers that contain lead. The results are reported as positive or negative in comparison to the standard of 1.0 mg/cm^2 . A negative result does not necessarily mean that no lead is present in the paint, but that the amount of lead in the paint is less than 1.0 mg/cm^2 .

SECTION 2

**LEAD SUMMARY OF FINDINGS
(POSITIVE MATERIALS)**

**PIKE COUNTY HOUSING AUTHORITY
BAYLIS UNITS
BAYLIS, ILLINOIS**

INTERIOR

PAINTED WOOD DOOR STOPS

EXTERIOR

ORIGINAL PAINTED WOOD COMPONENTS UNDER STEEL AND VINYL

SECTION 3

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
1	Self Calibrate								5.91
2	Calibrate								1
3	Calibrate								1.1
4	Calibrate								1
5	Wall	Gypsum	A	Intact	Ivory	Living Room	2	Negative	< LOD
6	Wall	Gypsum	B	Intact	Ivory	Living Room	2	Negative	< LOD
7	Wall	Gypsum	C	Intact	Ivory	Living Room	2	Negative	< LOD
8	Wall	Gypsum	D	Intact	Ivory	Living Room	2	Negative	< LOD
9	Ceiling	Gypsum		Intact	Ivory	Living Room	2	Negative	< LOD
10	Door Casing	Wood	A	Intact	Ivory	Living Room	2	Negative	< LOD
11	Door	Metal	A	Intact	White	Living Room	2	Negative	< LOD
12	Window Casing	Wood	B	Intact	Ivory	Living Room	2	Negative	< LOD
13	Window Sash	Wood	B	Intact	Ivory	Living Room	2	Negative	< LOD
14	Door	Wood	B	Intact	White	Mechanical	2	Negative	< LOD
15	Door Stop	Wood	B	Intact	Ivory	Mechanical	2	Negative	0.5
16	Wall	Gypsum	A	Intact	Ivory	Mechanical	2	Negative	< LOD
17	Wall	Gypsum	B	Intact	Ivory	Mechanical	2	Negative	< LOD
18	Wall	Gypsum	C	Intact	Ivory	Mechanical	2	Negative	< LOD
19	Wall	Gypsum	D	Intact	Ivory	Mechanical	2	Negative	< LOD
20	Ceiling	Gypsum		Intact	Ivory	Mechanical	2	Negative	< LOD
21	Trim	Wood		Intact	Ivory	Mechanical	2	Negative	< LOD
22	Support	Wood	A	Intact	Ivory	Mechanical	2	Negative	< LOD
23	Wall	Gypsum	A	Intact	Ivory	Kitchen	2	Negative	< LOD
24	Wall	Gypsum	C	Intact	Ivory	Kitchen	2	Negative	< LOD
25	Wall	Gypsum	D	Intact	Ivory	Kitchen	2	Negative	< LOD
26	Wall	Gypsum	B	Intact	Ivory	Kitchen	2	Negative	< LOD
27	Ceiling	Gypsum		Intact	Ivory	Kitchen	2	Negative	< LOD
28	Cabinet	Wood	D	Intact	Varnish	Kitchen	2	Negative	< LOD
29	Jamb	Wood	C	Intact	Ivory	Kitchen	2	Negative	< LOD
30	Window Sash	Wood	C	Intact	Ivory	Kitchen	2	Negative	< LOD
31	Door Casing	Wood	C	Intact	Ivory	Kitchen	2	Negative	< LOD
32	Door	Metal	C	Intact	Ivory	Kitchen	2	Negative	< LOD
33	Wall	Gypsum	A	Intact	Ivory	Bathroom	2	Negative	< LOD
34	Wall	Gypsum	B	Intact	Ivory	Bathroom	2	Negative	< LOD
35	Wall	Gypsum	C	Intact	Ivory	Bathroom	2	Negative	< LOD
36	Wall	Gypsum	D	Intact	Ivory	Bathroom	2	Negative	< LOD
37	Ceiling	Gypsum		Intact	Ivory	Bathroom	2	Negative	< LOD
38	Door Casing	Wood	A	Intact	Ivory	Bathroom	2	Negative	< LOD
39	Jamb	Wood	A	Intact	Ivory	Bathroom	2	Negative	< LOD
40	Door	Wood	A	Intact	Varnish	Bathroom	2	Negative	< LOD
41	Chair Rail	Wood	B	Intact	Ivory	Bathroom	2	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
42	Chair Rail	Wood	D	Intact	Ivory	Bathroom	2	Null	< LOD
43	Chair Rail	Wood	D	Intact	Ivory	Bathroom	2	Negative	< LOD
44	Wall	Gypsum	A	Intact	Ivory	Bedroom	2	Negative	< LOD
45	Wall	Gypsum	B	Intact	Ivory	Bedroom	2	Negative	< LOD
46	Wall	Gypsum	C	Intact	Ivory	Bedroom	2	Negative	< LOD
47	Wall	Gypsum	D	Intact	Ivory	Bedroom	2	Negative	< LOD
48	Ceiling	Gypsum		Intact	White	Bedroom	2	Negative	< LOD
49	Stop	Wood	A	Intact	Ivory	Bedroom	2	Negative	< LOD
50	Window Sash	Wood	A	Intact	Ivory	Bedroom	2	Negative	< LOD
51	Jamb	Wood	C	Intact	Ivory	Bedroom	2	Negative	0.09
52	Door	Wood	C	Intact	Varnish	Bedroom	2	Negative	< LOD
53	Wall	Gypsum	A	Intact	Ivory	Living Room	1	Negative	< LOD
54	Wall	Gypsum	B	Intact	Ivory	Living Room	1	Negative	< LOD
55	Wall	Gypsum	C	Intact	Ivory	Living Room	1	Negative	< LOD
56	Wall	Gypsum	D	Intact	Ivory	Living Room	1	Negative	< LOD
57	Ceiling	Gypsum		Intact	White	Living Room	1	Negative	< LOD
58	Jamb	Wood	A	Intact	Ivory	Living Room	1	Negative	< LOD
59	Door	Metal	A	Intact	White	Living Room	1	Negative	< LOD
60	Base	Wood	B	Intact	Ivory	Living Room	1	Negative	< LOD
61	Parting Bead	Wood	D	Intact	Ivory	Living Room	1	Negative	< LOD
62	Window Sash	Metal	D	Intact	White	Living Room	1	Negative	< LOD
63	Door	Wood	B	Intact	White	Living Room	1	Negative	< LOD
64	Door Stop	Wood	B	Intact	Ivory	Living Room	1	Negative	< LOD
65	Wall	Gypsum	A	Intact	Ivory	Mechanical	1	Negative	< LOD
66	Wall	Gypsum	B	Intact	Ivory	Mechanical	1	Negative	< LOD
67	Wall	Gypsum	C	Intact	Ivory	Mechanical	1	Negative	< LOD
68	Wall	Gypsum	D	Intact	Ivory	Mechanical	1	Negative	< LOD
69	Ceiling	Gypsum		Intact	Ivory	Mechanical	1	Negative	< LOD
70	Support	Wood	A	Intact	Ivory	Mechanical	1	Negative	< LOD
71	Shelf	Metal	A	Intact	Ivory	Mechanical	1	Negative	< LOD
72	Base	Wood	C	Intact	Ivory	Mechanical	1	Negative	< LOD
73	Wall	Gypsum	A	Intact	Ivory	Kitchen	1	Negative	< LOD
74	Wall	Gypsum	B	Intact	Ivory	Kitchen	1	Negative	< LOD
75	Wall	Gypsum	C	Intact	Ivory	Kitchen	1	Negative	< LOD
76	Wall	Gypsum	D	Intact	Ivory	Kitchen	1	Negative	< LOD
77	Ceiling	Gypsum		Intact	White	Kitchen	1	Negative	< LOD
78	Cabinet	Wood	B	Intact	Varnish	Kitchen	1	Negative	< LOD
79	Base	Wood	C	Intact	Ivory	Kitchen	1	Negative	< LOD
80	Jamb	Wood	C	Intact	Ivory	Kitchen	1	Negative	< LOD
81	Door	Metal	C	Intact	Ivory	Kitchen	1	Negative	< LOD
82	Window Sill	Wood	D	Intact	Ivory	Kitchen	1	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
83	Window Sash	Metal	D	Intact	Ivory	Kitchen	1	Negative	< LOD
84	Wall	Gypsum	A	Intact	Ivory	Bathroom	1	Negative	< LOD
85	Wall	Gypsum	B	Intact	Ivory	Bathroom	1	Negative	< LOD
86	Wall	Gypsum	C	Intact	Ivory	Bathroom	1	Negative	< LOD
87	Wall	Gypsum	D	Intact	Ivory	Bathroom	1	Negative	< LOD
88	Ceiling	Gypsum		Intact	Ivory	Bathroom	1	Negative	< LOD
89	Door Stop	Wood	A	Intact	Ivory	Bathroom	1	Negative	< LOD
90	Door	Wood	A	Intact	Varnish	Bathroom	1	Negative	< LOD
91	Chair Rail	Wood	B	Intact	Ivory	Bathroom	1	Negative	< LOD
92	Base	Wood	B	Intact	Ivory	Bathroom	1	Negative	< LOD
93	Wall	Gypsum	A	Intact	Ivory	Bedroom	1	Negative	< LOD
94	Wall	Gypsum	B	Intact	Ivory	Bedroom	1	Negative	< LOD
95	Wall	Gypsum	C	Intact	Ivory	Bedroom	1	Negative	< LOD
96	Wall	Gypsum	D	Intact	Ivory	Bedroom	1	Negative	< LOD
97	Ceiling	Gypsum		Intact	White	Bedroom	1	Negative	< LOD
98	Window Casing	Wood	A	Intact	Ivory	Bedroom	1	Negative	< LOD
99	Window Sash	Metal	A	Intact	Ivory	Bedroom	1	Negative	< LOD
100	base	Wood	B	Intact	Ivory	Bedroom	1	Negative	< LOD
101	Support	Wood	B	Intact	Ivory	Bedroom	1	Negative	0.4
102	Shelf	Metal	B	Intact	Ivory	Bedroom	1	Negative	< LOD
103	Jamb	Wood	C	Intact	Ivory	Bedroom	1	Negative	< LOD
104	Door	Wood	C	Intact	White	Bedroom	1	Negative	< LOD
105	Soffet	Metal	A	Intact	White	Exterior	D-5	Negative	< LOD
106	Facia	Metal	A	Intact	White	Exterior	D-5	Negative	< LOD
107	Down Spout	Metal	A	Intact	White	Exterior	D-5	Negative	< LOD
108	Trim	Metal	B	Intact	White	Exterior	D-5	Negative	< LOD
109	Trim	Metal	C	Intact	White	Exterior	D-5	Negative	< LOD
110	Window Sash	Metal	B	Intact	White	Exterior	D-5	Negative	< LOD
111	Meter Base	Metal	C	Peeling	Gray	Exterior	D-5	Negative	< LOD
112	Hand Rail	Metal	A	Intact	Gray	Exterior	D-5	Negative	< LOD
113	Wall	Gypsum	A	Intact	Ivory	Living Room	3	Negative	< LOD
114	Wall	Gypsum	B	Intact	Ivory	Living Room	3	Negative	< LOD
115	Wall	Gypsum	C	Intact	Ivory	Living Room	3	Negative	< LOD
116	Wall	Gypsum	D	Intact	Ivory	Living Room	3	Negative	< LOD
117	Ceiling	Gypsum		Intact	Ivory	Living Room	3	Negative	< LOD
118	Window Casing	Wood	A	Intact	Ivory	Living Room	3	Negative	< LOD
119	Window Sash	Wood	A	Intact	Ivory	Living Room	3	Negative	< LOD
120	Jamb	Wood	A	Intact	Ivory	Living Room	3	Negative	< LOD
121	Door	Wood	A	Intact	Varnish	Living Room	3	Negative	< LOD
122	Hand Rail	Wood	B	Intact	Varnish	Living Room	3	Negative	< LOD
123	Stringer	Wood	B	Intact	Varnish	Living Room	3	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY

BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
124	Base	Wood	C	Intact	Ivory	Living Room	3	Negative	< LOD
125	Wall	Wood	C	Intact	Ivory	Living Room	3	Negative	< LOD
126	Door Stop	Wood	B	Intact	Ivory	Living Room	3	Negative	0.4
127	Door	Metal	B	Intact	Ivory	Living Room	3	Negative	< LOD
128	Wall	Gypsum	A	Intact	Ivory	Kitchen	3	Negative	< LOD
129	Wall	Gypsum	B	Intact	Ivory	Kitchen	3	Negative	< LOD
130	Wall	Gypsum	C	Intact	Ivory	Kitchen	3	Negative	< LOD
131	Wall	Gypsum	D	Intact	Ivory	Kitchen	3	Negative	< LOD
132	Ceiling	Gypsum		Intact	Ivory	Kitchen	3	Negative	< LOD
133	Cabinet	Wood	B	Intact	Varnish	Kitchen	3	Negative	< LOD
134	Window Sill	Wood	C	Intact	Ivory	Kitchen	3	Negative	< LOD
135	Window Sash	Wood	C	Intact	Ivory	Kitchen	3	Negative	< LOD
136	Door Casing	Wood	C	Intact	Ivory	Kitchen	3	Negative	< LOD
137	Door	Wood	C	Intact	Ivory	Kitchen	3	Negative	< LOD
138	Jamb	Wood	D	Intact	Ivory	Mechanical	3	Negative	< LOD
139	Door	Wood	D	Intact	Ivory	Mechanical	3	Negative	< LOD
140	Wall	Gypsum	A	Intact	Ivory	Mechanical	3	Negative	< LOD
141	Wall	Gypsum	B	Intact	Ivory	Mechanical	3	Negative	< LOD
142	Wall	Gypsum	C	Intact	Ivory	Mechanical	3	Negative	< LOD
143	Wall	Gypsum	D	Intact	Ivory	Mechanical	3	Negative	< LOD
144	Ceiling	Gypsum		Intact	Ivory	Mechanical	3	Negative	< LOD
145	Support	Wood	D	Intact	Ivory	Mechanical	3	Negative	0.7
146	Shelf	Metal	D	Intact	Ivory	Mechanical	3	Negative	< LOD
147	Wall	Gypsum	A	Intact	Ivory	Bathroom	3	Negative	< LOD
148	Wall	Gypsum	B	Intact	Ivory	Bathroom	3	Negative	< LOD
149	Wall	Gypsum	C	Intact	Ivory	Bathroom	3	Negative	< LOD
150	Wall	Gypsum	D	Intact	Ivory	Bathroom	3	Negative	< LOD
151	Ceiling	Gypsum		Intact	Ivory	Bathroom	3	Negative	< LOD
152	Door Casing	Wood	A	Intact	Ivory	Bathroom	3	Negative	< LOD
153	Door	Wood	A	Intact	Varnish	Bathroom	3	Negative	< LOD
154	Chair Rail	Wood	D	Intact	Ivory	Bathroom	3	Negative	< LOD
155	Door Stop	Wood	A	Intact	Ivory	Hall	3	Null	1
156	Door Stop	Wood	A	Intact	Ivory	Hall	3	Positive	1.5
157	Door Casing	Wood	A	Intact	Ivory	Hall	3	Negative	< LOD
158	Door	Metal		Intact	Ivory	Hall	3	Negative	< LOD
159	Shelf	Metal	B	Intact	Ivory	Hall	3	Negative	< LOD
160	Door Stop	Wood	B	Intact	Ivory	Hall	3	Negative	0.7
161	Door Stop	Wood	B	Intact	Ivory	Hall	3	Positive	1.8
162	Wall	Gypsum	C	Intact	Ivory	Hall	3	Negative	< LOD
163	Wall	Gypsum	D	Intact	Ivory	Hall	3	Negative	< LOD
164	Wall	Gypsum	B	Intact	Ivory	Hall	3	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
165	Wall	Gypsum	A	Intact	Ivory	Hall	3	Negative	< LOD
166	Wall	Gypsum	A	Intact	Ivory	Bedroom	3	Negative	< LOD
167	Wall	Gypsum	B	Intact	Ivory	Bedroom	3	Negative	< LOD
168	Wall	Gypsum	C	Intact	Ivory	Bedroom	3	Negative	< LOD
169	Wall	Gypsum	D	Intact	Ivory	Bedroom	3	Negative	< LOD
170	Ceiling	Gypsum		Intact	Ivory	Bedroom	3	Negative	< LOD
171	Window Casing	Wood	C	Intact	Ivory	Bedroom	3	Negative	< LOD
172	Window Sash	Wood	C	Intact	Ivory	Bedroom	3	Negative	< LOD
173	Door	Metal	B	Intact	White	Bedroom	3	Negative	< LOD
174	Shelf	Metal	B	Intact	Ivory	Bedroom	3	Negative	< LOD
175	Door Stop	Wood	B	Intact	Ivory	Bedroom	3	Negative	0.7
176	Door Stop	Wood	B	Intact	Ivory	Bedroom	3	Negative	0.5
177	Door Stop	Wood	A	Intact	Ivory	Bedroom	3	Negative	0.6
178	Door	Wood	A	Intact	Ivory	Bedroom	3	Negative	< LOD
179	Jamb	Wood	A	Intact	Ivory	Bedroom	3	Negative	0.12
180	Jamb	Wood	B	Intact	Ivory	Bedroom	3	Negative	< LOD
181	Door	Wood	B	Intact	Ivory	Bedroom	3	Negative	< LOD
182	Wall	Gypsum	A	Intact	Ivory	Bedroom	3	Negative	< LOD
183	Wall	Gypsum	B	Intact	Ivory	Bedroom	3	Negative	< LOD
184	Wall	Gypsum	C	Intact	Ivory	Bedroom	3	Negative	< LOD
185	Wall	Gypsum	D	Intact	Ivory	Bedroom	3	Negative	< LOD
186	Window Sill	Wood	D	Intact	Ivory	Bedroom	3	Negative	< LOD
187	Window Sash	Wood	D	Intact	Ivory	Bedroom	3	Negative	< LOD
188	Door Stop	Wood	B	Intact	Ivory	Bedroom	3	Positive	2
189	Door	Metal	B	Intact	Ivory	Bedroom	3	Negative	< LOD
190	Shelf	Metal	B	Intact	Ivory	Bedroom	3	Negative	< LOD
191	Wall	Gypsum	A	Intact	Ivory	Bedroom	3	Negative	< LOD
192	Wall	Gypsum	B	Intact	Ivory	Bedroom	3	Negative	< LOD
193	Wall	Gypsum	C	Intact	Ivory	Bedroom	3	Negative	< LOD
194	Wall	Gypsum	D	Intact	Ivory	Bedroom	3	Negative	< LOD
195	Ceiling	Gypsum		Intact	Ivory	Bedroom	3	Negative	< LOD
196	Window Casing	Wood	A	Intact	Ivory	Bedroom	3	Negative	< LOD
197	Window Sash	Wood	A	Intact	Ivory	Bedroom	3	Negative	< LOD
198	Door Stop	Wood	B	Intact	Ivory	Bedroom	3	Null	0.9
199	Door Stop	Wood	B	Intact	Ivory	Bedroom	3	Negative	0.7
200	Door	Metal	B	Intact	Ivory	Bedroom	3	Negative	< LOD
201	Shelf	Metal	B	Intact	Ivory	Bedroom	3	Negative	< LOD
202	Door	Wood	C	Intact	Ivory	Bedroom	3	Negative	< LOD
203	Jamb	Wood	C	Intact	Ivory	Bedroom	3	Negative	< LOD
204	Wall	Gypsum	A	Intact	Ivory	Living Room	4	Negative	< LOD
205	Wall	Gypsum	B	Intact	Ivory	Living Room	4	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
206	Wall	Gypsum	C	Intact	Ivory	Living Room	4	Negative	< LOD
207	Wall	Gypsum	D	Intact	Ivory	Living Room	4	Negative	< LOD
208	Ceiling	Gypsum		Intact	Ivory	Living Room	4	Negative	< LOD
209	Door Casing	Wood	A	Intact	Ivory	Living Room	4	Negative	< LOD
210	Door	Wood	A	Intact	Ivory	Living Room	4	Negative	< LOD
211	Door Stop	Wood	A	Intact	Ivory	Living Room	4	Negative	< LOD
212	Window Sash	Wood	A	Intact	Ivory	Living Room	4	Negative	< LOD
213	Door Stop	Wood	D	Intact	Ivory	Living Room	4	Positive	1.4
214	Door	Metal	D	Intact	Ivory	Living Room	4	Negative	< LOD
215	Shelf	Metal	D	Intact	Ivory	Living Room	4	Negative	< LOD
216	Hand Rail	Wood	D	Intact	Varnish	Living Room	4	Negative	< LOD
217	Stringer	Wood	D	Intact	Varnish	Living Room	4	Negative	< LOD
218	Wall	Gypsum	A	Intact	Ivory	Kitchen	4	Negative	< LOD
219	Wall	Gypsum	B	Intact	Ivory	Kitchen	4	Negative	< LOD
220	Wall	Gypsum	C	Intact	Ivory	Kitchen	4	Negative	< LOD
221	Wall	Gypsum	D	Intact	Ivory	Kitchen	4	Negative	< LOD
222	Ceiling	Gypsum		Intact	Ivory	Kitchen	4	Negative	< LOD
223	Cabinet	Wood	D	Intact	Varnish	Kitchen	4	Negative	< LOD
224	Window Casing	Wood	B	Intact	Ivory	Kitchen	4	Negative	< LOD
225	Window Sash	Wood	B	Intact	Ivory	Kitchen	4	Negative	< LOD
226	Door Casing	Wood	C	Intact	Ivory	Kitchen	4	Negative	< LOD
227	Door	Wood	C	Intact	Ivory	Kitchen	4	Negative	< LOD
228	Jamb	Wood	B	Intact	Ivory	Mechanical	4	Negative	< LOD
229	Door	Wood	B	Intact	Ivory	Mechanical	4	Negative	< LOD
230	Wall	Gypsum	A	Intact	Ivory	Mechanical	4	Negative	< LOD
231	Wall	Gypsum	B	Intact	Ivory	Mechanical	4	Negative	< LOD
232	Wall	Gypsum	C	Intact	Ivory	Mechanical	4	Negative	< LOD
233	Wall	Gypsum	D	Intact	Ivory	Mechanical	4	Negative	< LOD
234	Ceiling	Gypsum		Intact	Ivory	Mechanical	4	Negative	< LOD
235	Support	Wood	D	Intact	Ivory	Mechanical	4	Negative	0.3
236	Shelf	Metal	D	Intact	Ivory	Mechanical	4	Negative	< LOD
237	Support	Wood	B	Intact	Ivory	Mechanical	4	Negative	0.3
238	Jamb	Wood	A	Intact	Ivory	Bathroom	4	Negative	< LOD
239	Door	Wood	A	Intact	Ivory	Bathroom	4	Negative	< LOD
240	Wall	Gypsum	A	Intact	Ivory	Bathroom	4	Negative	< LOD
241	Wall	Gypsum	B	Intact	Ivory	Bathroom	4	Negative	< LOD
242	Wall	Gypsum	C	Intact	Ivory	Bathroom	4	Negative	< LOD
243	Wall	Gypsum	D	Intact	Ivory	Bathroom	4	Negative	< LOD
244	Ceiling	Gypsum		Intact	Ivory	Bathroom	4	Negative	< LOD
245	Chair Rail	Wood	B	Intact	Ivory	Bathroom	4	Negative	< LOD
246	Chair Rail	Wood	D	Intact	Ivory	Bathroom	4	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
247	Jamb	Wood	D	Intact	Ivory	Bedroom	4	Negative	< LOD
248	Door	Wood	D	Intact	Ivory	Bedroom	4	Negative	< LOD
249	Wall	Gypsum	A	Intact	Ivory	Bedroom	4	Negative	< LOD
250	Wall	Gypsum	B	Intact	Ivory	Bedroom	4	Negative	< LOD
251	Wall	Gypsum	C	Intact	Ivory	Bedroom	4	Negative	< LOD
252	Wall	Gypsum	D	Intact	Ivory	Bedroom	4	Negative	< LOD
253	Ceiling	Gypsum		Intact	Ivory	Bedroom	4	Negative	< LOD
254	Door Stop	Wood	D	Intact	Ivory	Bedroom	4	Negative	0.7
255	Door	Metal	D	Intact	White	Bedroom	4	Negative	< LOD
256	Shelf	Metal	D	Intact	Ivory	Bedroom	4	Negative	< LOD
257	Window Casing	Wood	C	Intact	Ivory	Bedroom	4	Negative	< LOD
258	Window Sash	Wood	C	Intact	Ivory	Bedroom	4	Negative	< LOD
259	Jamb	Wood	D	Intact	Ivory	Bedroom	4	Negative	< LOD
260	Door	Wood	D	Intact	Ivory	Bedroom	4	Negative	< LOD
261	Wall	Gypsum	D	Intact	Ivory	Bedroom	4	Negative	< LOD
262	Wall	Gypsum	C	Intact	Ivory	Bedroom	4	Negative	< LOD
263	Wall	Gypsum	A	Intact	Ivory	Bedroom	4	Negative	< LOD
264	Wall	Gypsum	B	Intact	Ivory	Bedroom	4	Negative	< LOD
265	Parting Bead	Wood	B	Intact	Ivory	Bedroom	4	Negative	< LOD
266	Window Sash	Wood	B	Intact	Ivory	Bedroom	4	Negative	< LOD
267	Door	Metal	D	Intact	White	Bedroom	4	Negative	< LOD
268	Shelf	Metal	D	Intact	Ivory	Bedroom	4	Negative	< LOD
269	Door Stop	Wood	D	Intact	Ivory	Bedroom	4	Negative	0.4
270	Jamb	Wood	C	Intact	Ivory	Bedroom	4	Negative	0.1
271	Door	Wood	C	Intact	Ivory	Bedroom	4	Negative	< LOD
272	Wall	Gypsum	A	Intact	Ivory	Bedroom	4	Negative	< LOD
273	Wall	Gypsum	B	Intact	Ivory	Bedroom	4	Negative	< LOD
274	Wall	Gypsum	C	Intact	Ivory	Bedroom	4	Negative	< LOD
275	Wall	Gypsum	D	Intact	Ivory	Bedroom	4	Negative	< LOD
276	Ceiling	Gypsum		Intact	Ivory	Bedroom	4	Negative	< LOD
277	Door	Metal	D	Intact	White	Bedroom	4	Negative	< LOD
278	Shelf	Metal	D	Intact	Ivory	Bedroom	4	Negative	< LOD
279	Door Stop	Wood	D	Intact	Ivory	Bedroom	4	Positive	1
280	Window Sill	Wood	A	Intact	Ivory	Bedroom	4	Negative	< LOD
281	Window Sash	Wood	A	Intact	Ivory	Bedroom	4	Negative	< LOD
282	Window Sash	Metal	A	Intact	White	Exterior	G-6	Negative	< LOD
283	Trim	Metal	A	Intact	White	Exterior	G-6	Negative	< LOD
284	Soffet	Metal	A	Intact	White	Exterior	G-6	Negative	< LOD
285	Facia	Metal	A	Intact	White	Exterior	G-6	Positive	1
286	Down Spout	Metal	A	Intact	White	Exterior	G-6	Negative	< LOD
287	Meter Base	Metal	C	Intact	Gray	Exterior	G-6	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY

BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
288	Wall	Gypsum	A	Intact	Ivory	Living Room	5	Negative	< LOD
289	Wall	Gypsum	D	Intact	Ivory	Living Room	5	Negative	< LOD
290	Wall	Gypsum	C	Intact	Ivory	Living Room	5	Negative	< LOD
291	Wall	Gypsum	B	Intact	Ivory	Living Room	5	Negative	< LOD
292	Ceiling	Gypsum		Intact	Ivory	Living Room	5	Negative	< LOD
293	Parting Bead	Wood	D	Intact	Ivory	Living Room	5	Negative	< LOD
294	Window Sash	Wood	D	Intact	Ivory	Living Room	5	Negative	< LOD
295	Window Casing	Wood	A	Intact	Ivory	Living Room	5	Negative	< LOD
296	Door	Metal	A	Intact	Ivory	Living Room	5	Negative	< LOD
297	Door Stop	Wood	B	Intact	Ivory	Living Room	5	Positive	1.1
298	Door	Metal	B	Intact	Ivory	Living Room	5	Negative	< LOD
299	Shelf	Metal	B	Intact	Ivory	Living Room	5	Negative	< LOD
300	Support	Wood	B	Intact	Ivory	Living Room	5	Negative	< LOD
301	Support	Wood	B	Intact	Ivory	Living Room	5	Negative	< LOD
302	Base	Wood	C	Intact	Ivory	Living Room	5	Negative	< LOD
303	Wall	Wood	C	Intact	Ivory	Living Room	5	Negative	< LOD
304	Wall	Gypsum	A	Intact	Ivory	Kitchen	5	Negative	< LOD
305	Wall	Gypsum	B	Intact	Ivory	Kitchen	5	Negative	< LOD
306	Wall	Gypsum	C	Intact	Ivory	Kitchen	5	Negative	< LOD
307	Wall	Gypsum	D	Intact	Ivory	Kitchen	5	Negative	< LOD
308	Ceiling	Wood		Intact	Ivory	Kitchen	5	Negative	< LOD
309	Cabinet	Wood	B	Intact	Varnish	Kitchen	5	Negative	< LOD
310	Door	Wood	C	Intact	Ivory	Kitchen	5	Negative	< LOD
311	Door	Wood	C	Intact	Ivory	Kitchen	5	Negative	0.29
312	Jamb	Wood	C	Intact	Ivory	Kitchen	5	Negative	< LOD
313	Window Casing	Wood	D	Intact	Ivory	Kitchen	5	Negative	< LOD
314	Window Sash	Wood	D	Intact	Ivory	Kitchen	5	Negative	< LOD
315	Wall	Gypsum	A	Intact	Ivory	Mechanical	5	Negative	< LOD
316	Wall	Gypsum	B	Intact	Ivory	Mechanical	5	Negative	< LOD
317	Wall	Gypsum	C	Intact	Ivory	Mechanical	5	Negative	< LOD
318	Wall	Gypsum	D	Intact	Ivory	Mechanical	5	Negative	< LOD
319	Ceiling	Gypsum		Intact	Ivory	Mechanical	5	Negative	< LOD
320	Jamb	Wood	D	Intact	Ivory	Mechanical	5	Negative	< LOD
321	Door	Wood	D	Intact	Ivory	Mechanical	5	Negative	< LOD
322	Support	Wood	A	Intact	Ivory	Mechanical	5	Negative	< LOD
323	Shelf	Metal	A	Intact	Ivory	Mechanical	5	Negative	< LOD
324	Door Casing	Wood	A	Intact	Ivory	Bathroom	5	Negative	< LOD
325	Door	Wood	A	Intact	Ivory	Bathroom	5	Negative	< LOD
326	Door Stop	Wood	A	Intact	Ivory	Bathroom	5	Negative	< LOD
327	Wall	Gypsum	B	Intact	Ivory	Bathroom	5	Negative	< LOD
328	Wall	Gypsum	C	Intact	Ivory	Bathroom	5	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
329	Wall	Gypsum	D	Intact	Ivory	Bathroom	5	Negative	< LOD
330	Wall	Gypsum	A	Intact	Ivory	Bathroom	5	Negative	< LOD
331	Ceiling	Gypsum		Intact	Ivory	Bathroom	5	Negative	< LOD
332	Chair Rail	Wood	A	Intact	Ivory	Bathroom	5	Negative	< LOD
333	Chair Rail	Wood	B	Intact	Ivory	Bathroom	5	Negative	< LOD
334	Jamb	Wood	D	Intact	Ivory	Bedroom	5	Negative	< LOD
335	Door	Wood	D	Intact	Ivory	Bedroom	5	Negative	< LOD
336	Wall	Gypsum	A	Intact	Ivory	Bedroom	5	Negative	< LOD
337	Wall	Gypsum	B	Intact	Ivory	Bedroom	5	Negative	< LOD
338	Wall	Gypsum	C	Intact	Ivory	Bedroom	5	Negative	< LOD
339	Wall	Gypsum	D	Intact	Ivory	Bedroom	5	Negative	< LOD
340	Ceiling	Gypsum		Intact	Ivory	Bedroom	5	Negative	< LOD
341	Window Casing	Wood	C	Intact	Ivory	Bedroom	5	Negative	< LOD
342	Window Sash	Wood	C	Intact	Ivory	Bedroom	5	Negative	< LOD
343	Door Stop	Wood	A	Intact	Ivory	Bedroom	5	Negative	0.5
344	Door Stop	Wood	A	Intact	Ivory	Bedroom	5	Positive	1
345	Door	Metal	A	Intact	Ivory	Bedroom	5	Negative	< LOD
346	Shelf	Metal	A	Intact	Ivory	Bedroom	5	Negative	< LOD
347	Support	Wood	A	Intact	Ivory	Bedroom	5	Negative	< LOD
348	Door Casing	Wood	C	Intact	Ivory	Bedroom	5	Negative	< LOD
349	Door	Wood	C	Intact	Ivory	Bedroom	5	Negative	< LOD
350	Wall	Gypsum	C	Intact	Ivory	Bedroom	5	Negative	< LOD
351	Wall	Gypsum	B	Intact	Ivory	Bedroom	5	Negative	< LOD
352	Wall	Gypsum	A	Intact	Ivory	Bedroom	5	Negative	< LOD
353	Wall	Gypsum	D	Intact	Ivory	Bedroom	5	Negative	< LOD
354	Ceiling	Gypsum		Intact	Ivory	Bedroom	5	Negative	< LOD
355	Window Casing	Wood	A	Intact	Ivory	Bedroom	5	Negative	< LOD
356	Window Sash	Wood	A	Intact	Ivory	Bedroom	5	Negative	< LOD
357	Door	Metal	D	Intact	White	Bedroom	5	Negative	< LOD
358	Shelf	Metal	D	Intact	Ivory	Bedroom	5	Negative	< LOD
359	Door Stop	Wood	D	Intact	Ivory	Bedroom	5	Negative	< LOD
360	Door Stop	Wood	D	Intact	Ivory	Bedroom	5	Negative	< LOD
361	Wall	Gypsum	A	Intact	Ivory	Living Room	6	Negative	< LOD
362	Wall	Gypsum	B	Intact	Ivory	Living Room	6	Negative	< LOD
363	Wall	Gypsum	C	Intact	Ivory	Living Room	6	Negative	< LOD
364	Wall	Gypsum	D	Intact	Ivory	Living Room	6	Negative	< LOD
365	Ceiling	Gypsum		Intact	Ivory	Living Room	6	Negative	< LOD
366	Door Casing	Wood	A	Intact	Ivory	Living Room	6	Negative	< LOD
367	Door	Wood	A	Intact	Ivory	Living Room	6	Negative	< LOD
368	Parting Bead	Wood	B	Intact	Ivory	Living Room	6	Negative	< LOD
369	Window Sash	Wood	B	Intact	Ivory	Living Room	6	Negative	< LOD

LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
370	Wall	Wood	C	Intact	Ivory	Living Room	6	Negative	< LOD
371	Wall	Gypsum	A	Intact	Ivory	Kitchen	6	Negative	< LOD
372	Wall	Gypsum	B	Intact	Ivory	Kitchen	6	Negative	< LOD
373	Wall	Gypsum	C	Intact	Ivory	Kitchen	6	Negative	< LOD
374	Wall	Gypsum	D	Intact	Ivory	Kitchen	6	Negative	< LOD
375	Ceiling	Gypsum		Intact	Ivory	Kitchen	6	Negative	< LOD
376	Door Casing	Wood	C	Intact	Ivory	Kitchen	6	Negative	< LOD
377	Door	Wood	C	Intact	Ivory	Kitchen	6	Negative	< LOD
378	Window Casing	Wood	B	Intact	Ivory	Kitchen	6	Negative	< LOD
379	Window Sash	Wood	B	Intact	Ivory	Kitchen	6	Negative	< LOD
380	Cabinet	Wood	D	Intact	Varnish	Kitchen	6	Negative	< LOD
381	Wall	Gypsum	A	Intact	Ivory	Bedroom	6	Negative	< LOD
382	Wall	Gypsum	B	Intact	Ivory	Bedroom	6	Negative	< LOD
383	Wall	Gypsum	C	Intact	Ivory	Bedroom	6	Negative	< LOD
384	Wall	Gypsum	D	Intact	Ivory	Bedroom	6	Negative	< LOD
385	Ceiling	Gypsum		Intact	Ivory	Bedroom	6	Negative	< LOD
386	Window Casing	Wood	A	Intact	Ivory	Bedroom	6	Negative	< LOD
387	Window Sash	Wood	A	Intact	Ivory	Bedroom	6	Negative	< LOD
388	Door	Metal	B	Intact	Ivory	Bedroom	6	Negative	< LOD
389	Door Stop	Wood	B	Intact	Ivory	Bedroom	6	Negative	< LOD
390	Shelf	Metal	B	Intact	Ivory	Bedroom	6	Negative	< LOD
391	Door Casing	Wood	C	Intact	Ivory	Bedroom	6	Negative	< LOD
392	Door	Wood	C	Intact	Varnish	Bedroom	6	Negative	< LOD
393	Wall	Gypsum	A	Intact	Ivory	Bedroom	6	Negative	< LOD
394	Wall	Gypsum	B	Intact	Ivory	Bedroom	6	Negative	< LOD
395	Wall	Gypsum	C	Intact	Ivory	Bedroom	6	Negative	< LOD
396	Wall	Gypsum	D	Intact	Ivory	Bedroom	6	Negative	< LOD
397	Ceiling	Gypsum		Intact	Ivory	Bedroom	6	Negative	< LOD
398	Door Casing	Wood	B	Intact	Ivory	Bedroom	6	Negative	< LOD
399	Door	Wood	B	Intact	Ivory	Bedroom	6	Negative	< LOD
400	Door Stop	Wood	A	Intact	Ivory	Bedroom	6	Negative	0.5
401	Door	Metal	A	Intact	Ivory	Bedroom	6	Negative	< LOD
402	Door Stop	Wood	A	Intact	Ivory	Bedroom	6	Negative	0.6
403	Door Stop	Wood	A	Intact	Ivory	Bedroom	6	Negative	< LOD
404	Door	Wood	B	Intact	Ivory	Mechanical	6	Negative	< LOD
405	Door Stop	Wood	B	Intact	Ivory	Mechanical	6	Negative	< LOD
406	Wall	Gypsum	A	Intact	Ivory	Mechanical	6	Negative	< LOD
407	Wall	Gypsum	B	Intact	Ivory	Mechanical	6	Negative	< LOD
408	Wall	Gypsum	C	Intact	Ivory	Mechanical	6	Negative	< LOD
409	Wall	Gypsum	D	Intact	Ivory	Mechanical	6	Negative	< LOD
410	Ceiling	Gypsum		Intact	Ivory	Mechanical	6	Negative	< LOD

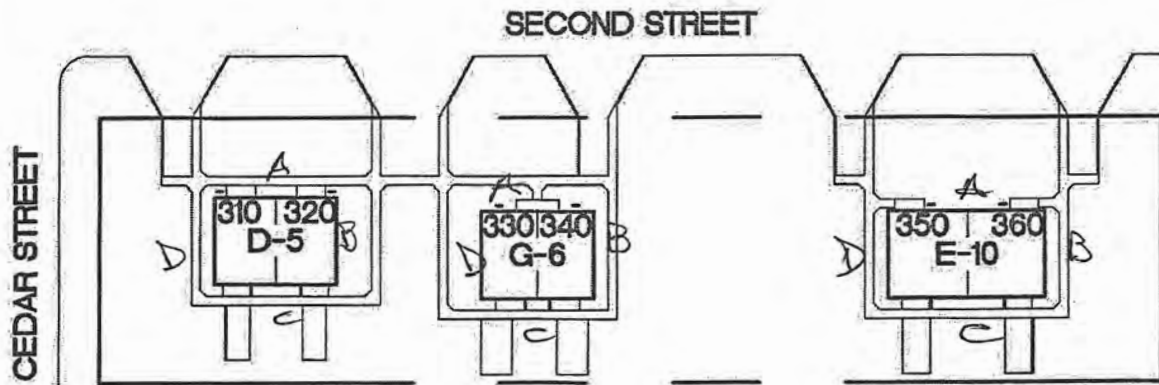
LOD = LIMIT OF DETECTION

PIKE COUNTY HOUSING AUTHORITY
BAYLIS

Reading #	Component	Substrate	Side	Condition	Color	Room	Unit #	Results	PbC
411	Trim	Wood		Intact	Ivory	Mechanical	6	Negative	0.4
412	Shelf	Metal	A	Intact	Ivory	Mechanical	6	Negative	< LOD
413	Support	Wood	A	Intact	Ivory	Mechanical	6	Negative	0.4
414	Wall	Gypsum	A	Intact	Ivory	Bathroom	6	Negative	< LOD
415	Wall	Gypsum	B	Intact	Ivory	Bathroom	6	Negative	< LOD
416	Wall	Gypsum	C	Intact	Ivory	Bathroom	6	Negative	< LOD
417	Wall	Gypsum	D	Intact	Ivory	Bathroom	6	Negative	< LOD
418	Ceiling	Gypsum		Intact	Ivory	Bathroom	6	Negative	< LOD
419	Door Casing	Wood	A	Intact	Ivory	Bathroom	6	Negative	< LOD
420	Door	Wood	A	Intact	Ivory	Bathroom	6	Negative	< LOD
421	Chair Rail	Wood	A	Intact	Ivory	Bathroom	6	Negative	< LOD
422	Door	Wood	A	Intact	White	Exterior	E-10	Negative	0.8
423	Facia	Metal	A	Intact	White	Exterior	E-10	Negative	< LOD
424	Soffet	Metal	A	Intact	White	Exterior	E-10	Negative	< LOD
425	Down Spout	Metal	A	Intact	White	Exterior	E-10	Negative	< LOD
426	Meter Base	Metal	C	Intact	Gray	Exterior	E-10	Negative	< LOD
427	Calibrate								0.9
428	Calibrate								1
429	Calibrate								1

LOD = LIMIT OF DETECTION

SECTION 4



KEY SITE PLAN

NOT TO SCALE

IL-71-6/BAYLIS

NORTH

6/15/12

Project No.: 1059	Project Title: KEY SITE PLANS	EGGEMEYER ASSOCIATES ARCHITECTS Westtown Centre, P.O. Box 1447 Carbondale, IL 62903 IDPR 184-000255 T 618.549.3361 F 618.549.3363 eggemeyer-architects.com	Sheet:
Date: JAN 2012	Projects: IL-71-1, IL-71-2, IL-71-3, IL-71-4, IL-71-5, IL-71-6, IL-71-9, IL-71-10, IL-71-13, IL-71-14 & IL-71-15		C-9
Drawn: MSM	For The: PIKE COUNTY HOUSING AUTHORITY		of 15
Checked: MBD			

SECTION 5

Illinois Department of
PUBLIC HEALTH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
001417	1/31/2013	1/31/2014

Darrin Hinds
2975 Stanton St
Springfield, IL 62703



ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action
RISK ASSESSOR CERTIFICATE EXPIRES
8/23/2013

This license issued under authority of the State
of Illinois -Department of Public Health

This license is valid only when accompanied by
a valid training course certificate

If found return to 525 W. Jefferson St Springfield, IL 62761

HINDS ENVIRONMENTAL, INC.

Certifies that *Darrin Hinds*

has completed the requisite training for lead accreditation under USEPA entitled:
**LEAD RISK ASSESSOR REFRESHER
TRAINING COURSE**

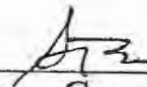
in accordance with 40 CFR Part 745
and successfully passed the exam with a score of 70% or above.

Course Date(s): August 26, 2010

Exam Date: August 26, 2010

Expiration Date: August 26, 2013

Certificate Number: RAR/0044



Course Instructor, Steve Honn

Accredited by the Illinois Department of Public Health
2975 Stanton Street Springfield, Illinois 62703-4345 (217) 585-8970

NITON[®] corporation

Certificate of Achievement

This is to certify that

Darrin Hinds

Hinds Environmental Inc.

*has successfully completed the Manufacturer's Training Course
for the **NITON XL** Spectrum Analyzer*

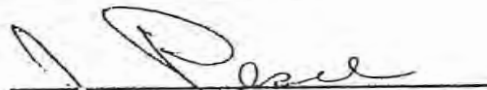
*The one-day course covered radiation safety and monitoring,
L x-ray measurement technology, and
machine maintenance of the **XL** Lead-in-Paint Detector*

V960904-19

Certificate Number

09/4/96-- Springfield, IL

Course Date & Site



Director of Training



President & CEO - NITON

RE: Annual Medical Information

TO WHOM IT MAY CONCERN:

All Hinds Environmental, Inc. employees who perform project management, air monitoring or building inspection activities have annual medical examinations in accordance with OSHA.

According to the Health Insurance Portability and Accountability Act (HIPAA), medical information is to be kept confidential. This letter serves as documentation that the medical examinations on our employees are current and the complete exam reports are kept in confidential files at Hinds Environmental, Inc., 2975 Stanton Street, Springfield, IL 62703 (217-585-8970).

RESPIRATOR TRAINING AND FIT TEST ACKNOWLEDGEMENT

Hinds Environmental, Inc.'s respirator protection program includes but is not limited to the following components.

I acknowledge that I have received information on use of respiratory protection as contained in the EPA/NIOSH "Guide to Respiratory Protection for the Asbestos Abatement Industry" and OSHA respiratory protection requirements of 1910.134.

I acknowledge that I have participated in hands-on training in the use, limitations, and restrictions of respiratory protection.

I acknowledge that I have received information on the proper cleaning and maintenance of respiratory equipment.

NAME: Darrin Hinds DATE: 5-2-13

HALF FACE RESPIRATORY MANUFACTURER/TYPE: North

HALF FACE MODEL/APPROVAL #: 5500 Series SIZE: Medium


PAPR RESPIRATORY MANUFACTURER/TYPE: MSA

PAPR MODEL/APPROVAL #: UltraElite SIZE: Medium

TYPE OF TEST CONDUCTED: QUALITATIVE NEGATIVE PRESSURE

TESTING AGENT USED: IRRITANT SMOKE

TEST CONDUCTED BY: Steven Honn

SIGNATURE OF PERSON BEING FITTED: 

SIGNATURE OF PERSON CONDUCTING TEST: Steven Honn

OFFICIAL USE ONLY - SECURITY RELATED INFORMATION

STATE OF ILLINOIS
ILLINOIS EMERGENCY MANAGEMENT AGENCY
DIVISION OF NUCLEAR SAFETY
1035 OUTER PARK DRIVE
SPRINGFIELD, ILLINOIS 62704
(217) 785-9947

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Illinois Radiation Protection Act and the rules and regulations in 32 Illinois Administrative Code promulgated thereunder, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) listed herein; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified in the license.

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>EXPIRATION DATE</u>
Hinds Environmental, Inc. 2975 Stanton Street Springfield, IL 62703	IL-01992-01	September 30, 2016
	<u>AMENDMENT NUMBER</u>	
	7	

Attention: Darrin Hinds
Radiation Safety Officer

In accordance with letter with attachment dated January 28, 2011, License Number IL-01992-01 is amended in its entirety. Previous amendments are void.

<u>ITEM</u>	<u>RADIONUCLIDE</u>	<u>CHEMICAL and/or PHYSICAL FORM</u>	<u>MAXIMUM ACTIVITY* PER SOURCE</u>	<u>MAXIMUM POSSESSION LIMIT</u>
A.	Cd-109	Sealed Sources - QSA Global, Inc. [formerly AEA Technology (Amersham)] Model CUC.D1 or CUC.P1; Isotope Products Laboratories Model XFB-3.	50 mCi	250 mCi

AUTHORIZED USE:

- A. For use in Thermo Niton Analyzers, LLC XLi Series and XLp Series x-ray fluorescence analyzers for measuring elemental content in various materials.

CONDITIONS

1. Radioactive material shall be used at the licensee's facilities located at 2975 Stanton Street, Springfield, Illinois and at temporary jobsites of the licensee in the State of Illinois in accordance with statements, representations and procedures listed in other conditions of this license.

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

APPROVED BY:

Mary E. Burkhart

Mary E. Burkhart, Supervisor of Materials Licensing
IL 473-0059

DATE

January 31, 2012

PAGE of PAGES

1 3

OFFICIAL USE ONLY - SECURITY RELATED INFORMATION

STATE OF ILLINOIS
IEMA DIVISION OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Hinds Environmental, Inc.	IL-01992-01	7	September 30, 2016

2. Radioactive material shall be used by, or under the supervision and in the physical presence of, Darrin Hinds, Steve Homn, or individuals who have successfully completed the manufacturer's training course or an equivalent Agency approved training course. The licensee shall maintain training records of all designated users.
3. The Radiation Safety Officer for this license is Darrin Hinds.
4.
 - A. Each sealed source possessed under this license shall be tested for leakage and/or contamination as specified in 32 Ill. Adm. Code 340.410. Tests for leakage and/or contamination shall be performed by persons specifically licensed to provide such services.
 - B. This license does not authorize analysis of leak test samples. However, the licensee is authorized to collect leak test samples for analysis by persons specifically authorized by the Agency, an Agreement State, or the U.S. Nuclear Regulatory Commission to perform such services.
5. Maintenance, repair and initial radiation monitoring of devices containing radioactive material shall be performed only by persons specifically authorized by the Agency, an Agreement State, or the Nuclear Regulatory Commission to perform such services.
6.
 - A. The source holder shall be locked in the "off" or closed position when the device is not in use.
 - B. Sealed sources shall not be opened or removed from their source holders by the licensee.
7. When performing tests at temporary job sites, the authorized user shall not leave the device unattended. Upon completion of tests, the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss, or theft.
8. At any time the licensee is engaged in making measurements by authority of this license at a temporary job site, the licensee shall have a current copy of each of the following documents available at the temporary job site for inspection by the Agency:
 - A. The license, including all active amendments;
 - B. The manufacturer's instruction manual for the sealed sources and devices at the temporary job site;
 - C. The licensee's emergency procedures; and
 - D. The results of the latest test for leakage and/or contamination performed on the sealed source.

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

APPROVED BY: _____ DATE: _____ PAGE of PAGES

Mary E. Burkhart, Supervisor of Materials Licensing
IL 473-0059

January 31, 2012

2 3

OFFICIAL USE ONLY - SECURITY RELATED INFORMATION

STATE OF ILLINOIS
IEMA DIVISION OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Hinds Environmental, Inc.	IL-01992-01	7	September 30, 2016

9. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with statements, representations and procedures contained in, referenced in, or enclosed with the documents listed below. The regulations contained in 32 Ill. Adm. Code: Chapter II, Subchapters b and d shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations. The most recent statements, representations and procedures listed below shall govern if they conflict with previously submitted documents.
- A. Applications dated August 14, 2001 and January 28, 2011.

MEB:NIA:kjc

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

APPROVED BY:

DATE

PAGE of PAGES

Mary E. Burkhart, Supervisor of Materials Licensing
IL 473-0059

January 31, 2012

3 3

OFFICIAL USE ONLY - SECURITY RELATED INFORMATION