

**Specialists in lead inspection
and risk assessments**



EcoSpect, Inc.

XRF Survey for Lead

Prepared for

RE: Private Residence

XRF Test Results

Dear Sir:

On (Date), I performed an inspection at the above captioned location for the presence of lead based paint, utilizing a Map TM XRF Spectrum Analyzer. Due to the scope of the assignment, the inspection was performed as a full HUD survey of the interior living area and the exterior of the dwelling. During the testing procedure a couple of components tested positive for lead based paint. These were in the Bathroom, Entry Foyer and the Computer Room. All were walls were in **intact condition** and are **not a hazard** at this time. Please refer to the "XRF and Lab Results" to identify all of the components that tested positive for lead based paint and their condition.

A report identifying the areas tested and the test results follow this letter. The walls in each space were oriented in a clockwise fashion, with wall #1 oriented to the front of the residence on Hazelhurst St. Please refer to the floor plan, not drawn to scale, for locations of the components tested.

The instruments were operated with guidance from the Performance Characteristic Sheet published by the US Department of HUD and the results classified as positive or negative based on the HUD action level of 1.00 mg/cm². Results less than 1.00 mg/cm² are considered negative and results greater than 1.00 mg/cm² are considered positive. Any inconclusive results should be considered positive. For renovation purposes as well as OSHA implications, it should be noted that lead present in levels less than 1.00 mg/cm² could generate dusts that exceed acceptable levels depending on the renovation or demolition being performed.

For OSHA purposes, there are no excepted standards other than "zero" for lead content in surfaces that are affected so as to release lead in the form of dust. XRF readings at the lower end of the range (close to zero) are less likely to create toxic situations. XRF readings with negative prefixes correlate to very low lead levels in that particular surface.

For conclusive, task oriented results, contractors should follow all applicable OSHA requirements found in regulation 1926.62.

Please call with any questions regarding this report and thank you for employing EcoSpect Inc. in this matter.

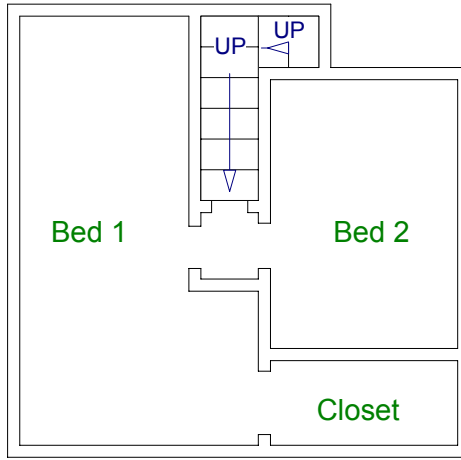
Sincerely,

A handwritten signature in black ink, appearing to read "Richard E. Clark". The signature is stylized with a large, sweeping initial "R" and a long, horizontal flourish extending to the right.

Richard E. Clark

EcoSpect, Inc.

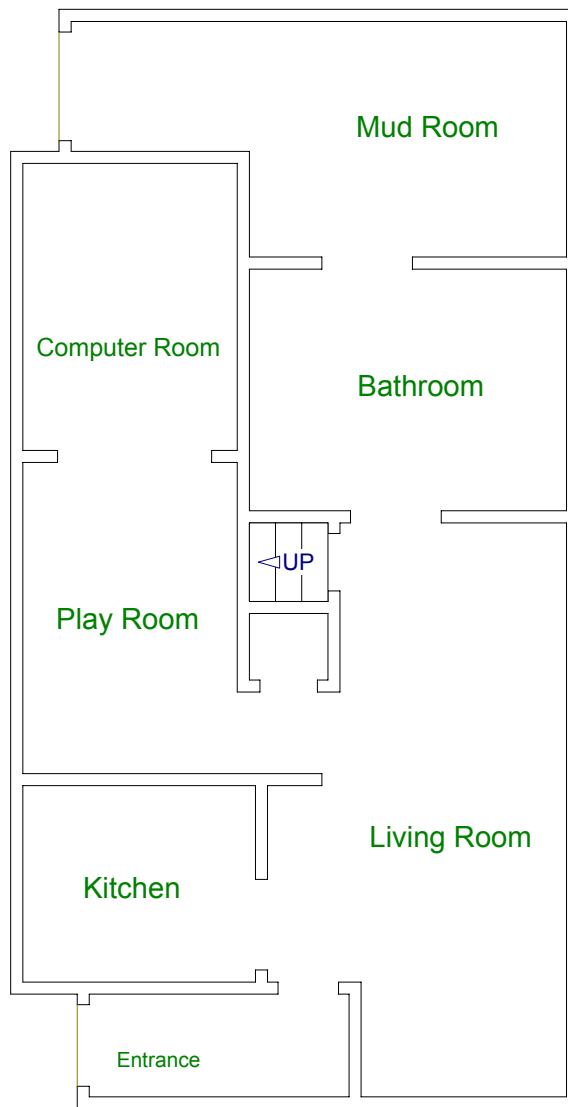
Wall #3



Wall #2

Drawing No To Scale

Wall #4



Wall #1

Daily Calibrations

Daily Calibration

Project	Site	Date	Time	K-Shell mg/cm2	K-Avg mg/cm2	L-Shell mg/cm2	L-Avg mg/cm2	Scanner #	MAP #	Oper
Starting Calibration		01/10/2005	06:33:00	1.337	0.000	1.188	0.000	M41260	260	7974
Starting Calibration		01/10/2005	06:33:00	1.363	0.000	1.193	0.000	M41260	260	7974
Starting Calibration		01/10/2005	06:34:00	1.247	0.000	1.141	0.000	M41260	260	7974
Starting Calibration		01/10/2005	06:35:00	1.248	0.000	1.161	0.000	M41260	260	7974
Starting Calibration		01/10/2005	06:35:00	1.284	0.000	1.129	0.000	M41260	260	7974
Starting Calibration		01/10/2005	06:36:00	1.254	0.000	1.247	0.000	M41260	260	7974
0002	0001	01/10/2005	06:37:00	0.000	0.000	0.000	0.000	M41260	260	7974
0002	0001	01/10/2005	07:06:00	1.247	0.000	1.133	0.000	M41260	260	7974
0002	0001	01/10/2005	07:51:00	1.196	0.000	1.103	0.000	M41260	260	7974
0002	0001	01/10/2005	07:52:00	1.256	0.000	1.183	0.000	M41260	260	7974
0003	0001	01/10/2005	07:53:00	0.000	0.000	0.000	0.000	M41260	260	7974
0003	0001	01/10/2005	08:36:00	1.219	0.000	1.062	0.000	M41260	260	7974
Starting Calibration		01/10/2005	10:09:00	0.000	0.000	0.000	0.000	M41260	260	7974
Starting Calibration		01/10/2005	10:10:00	1.221	0.000	1.179	0.000	M41260	260	7974
Starting Calibration		01/10/2005	10:11:00	1.200	0.000	1.195	0.000	M41260	260	7974
Starting Calibration		01/10/2005	10:11:00	1.378	0.000	1.221	0.000	M41260	260	7974
Starting Calibration		01/10/2005	10:12:00	1.371	0.000	1.073	0.000	M41260	260	7974
Starting Calibration		01/10/2005	10:12:00	1.261	0.000	1.087	0.000	M41260	260	7974
Starting Calibration		01/10/2005	10:13:00	1.224	0.000	1.083	0.000	M41260	260	7974
0022	0001	01/10/2005	10:14:00	0.000	0.000	0.000	0.000	M41260	260	7974
0022	0001	01/10/2005	10:59:00	1.188	0.000	1.064	0.000	M41260	260	7974
0022	0001	01/10/2005	11:04:00	1.196	0.000	1.071	0.000	M41260	260	7974
0022	0001	01/10/2005	11:05:00	1.125	0.000	1.211	0.000	M41260	260	7974
0022	0001	01/10/2005	11:05:00	1.214	0.000	1.130	0.000	M41260	260	7974
0022	0001	01/10/2005	12:00:00	1.184	0.000	1.096	0.000	M41260	260	7974
0022	0001	01/10/2005	12:01:00	1.346	0.000	1.093	0.000	M41260	260	7974
0022	0001	01/10/2005	12:01:00	1.233	0.000	1.165	0.000	M41260	260	7974
0023	0001	01/10/2005	12:02:00	0.000	0.000	0.000	0.000	M41260	260	7974
0023	0002	01/10/2005	12:46:00	0.000	0.000	0.000	0.000	M41260	260	7974
0023	0003	01/10/2005	13:06:00	0.000	0.000	0.000	0.000	M41260	260	7974
0023	0003	01/10/2005	13:17:00	1.239	0.000	1.180	0.000	M41260	260	7975

**Confirmed
Positives**

Confirmed Positives

Customer

Project

Action Level 1.000

Lab 1.000 mg /cm2

Substrate Compensation

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	MAP #	Lab	Result
8173	0001	Calibration	*	*	*	*	*	0.000 K	0.000 L	260		
8173	0001	Calibration	*	*	*	*	*	0.000 K	0.000 L	260		
8176	0001	Entry Foyer	1	3	Wall	Wood	Inact	4.732 K	0.098 L	260	UNLM	pos
8194	0001	Bathroom	1	1	Wall	Sheetrk	Inact	1.722 K	0.043 L	260	UNLM	pos
8202	0001	Computer Room	1	1	Wall	Sheetrk	Inact	5.692 K	0.404 L	260	UNLM	pos
8240	0001	Calibration	*	*	*	*	*	1.247 K	1.133 L	260	Test	pos
8240	0001	Calibration	*	*	*	*	*	1.247 K	1.133 L	260	Test	pos
8242	0001	Calibration	*	*	*	*	*	1.256 K	1.183 L	260	Test	pos
8242	0001	Calibration	*	*	*	*	*	1.256 K	1.183 L	260	Test	pos

Total Assays Reports

7

XRF and Lab Results

XRF and Lab Results

Customer

Project

Action Level 1.000

Lab 1.000 mg /cm2

Substrate Compensation

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	MAP #	Lab	Result
8173	0001	Calibration	*	*	*	*	*	0.000 K	0.000 L	260		
8173	0001	Calibration	*	*	*	*	*	0.000 K	0.000 L	260		
8174	0001	Entry Foyer	1	1	Wall	Wood	Inact	0.412 K	-0.100 L	260	UNLM	neg
8175	0001	Entry Foyer	1	2	Wall	Wood	Inact	-0.428 K	0.346 L	260	UNLM	neg
8176	0001	Entry Foyer	1	3	Wall	Wood	Inact	4.732 K	0.098 L	260	UNLM	pos
8177	0001	Entry Foyer	1	3	Threshold	Wood	Poor	0.663 K	0.209 L	260	UNLM	neg
8178	0001	Entry Foyer	1	4	Wall	Wood	Inact	-0.348 K	-0.082 L	260	UNLM	neg
8179	0001	Entry Foyer	1	3	Door Molding	Wood	Inact	-0.107 K	-0.059 L	260	UNLM	neg
8180	0001	Entry Foyer	1	4	Ceiling	Sheetrk	Inact	0.325 K	-0.011 L	260	UNLM	neg
8181	0001	Kitchen	1	1	Wall	Sheetrk	Inact	0.266 K	0.027 L	260	UNLM	neg
8182	0001	Kitchen	1	2	Wall	Sheetrk	Inact	-0.009 K	-0.042 L	260	UNLM	neg
8183	0001	Kitchen	1	2	Window Molding	Wood	Inact	-0.307 K	-0.040 L	260	UNLM	neg
8184	0001	Kitchen	1	2	Window Sill	Wood	Inact	-0.349 K	0.207 L	260	UNLM	neg
8185	0001	Kitchen	1	3	Wall	Sheetrk	Inact	0.057 K	-0.085 L	260	UNLM	neg
8186	0001	Living Room	1	1	Wall	Wood	Inact	0.025 K	-0.057 L	260	UNLM	neg
8187	0001	Living Room	1	4	Window Sill	Wood	Inact	-0.204 K	-0.283 L	260	UNLM	neg
8188	0001	Living Room	1	1	Window Molding	Wood	Inact	-0.550 K	0.120 L	260	UNLM	neg
8189	0001	Living Room	1	2	Wall	Wood	Inact	0.336 K	-0.171 L	260	UNLM	neg
8190	0001	Living Room	1	3	Wall	Wood	Inact	0.346 K	0.048 L	260	UNLM	neg
8191	0001	Living Room	1	3	Door Molding	Wood	Inact	0.141 K	0.029 L	260	UNLM	neg
8192	0001	Living Room	1	4	Wall	Wood	Inact	0.004 K	0.000 L	260	UNLM	neg
8193	0001	Living Room	1	4	Ceiling	Sheetrk	Inact	0.162 K	-0.002 L	260	UNLM	neg
8194	0001	Bathroom	1	1	Wall	Sheetrk	Inact	1.722 K	0.043 L	260	UNLM	pos

XRF and Lab Results

Customer

Project

Action Level 1.000

Lab 1.000 mg /cm2

Substrate Compensation

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	MAP #	Lab	Result
8195	0001	Bathroom	1	2	Wall	Sheetrk	Inact	0.081 K	-0.047 L	260	UNLM	neg
8196	0001	Bathroom	1	3	Wall	Sheetrk	Inact	-0.009 K	-0.003 L	260	UNLM	neg
8197	0001	Bathroom	1	4	Wall	Sheetrk	Inact	0.057 K	0.065 L	260	UNLM	neg
8198	0001	Play Room	1	1	Wall	Sheetrk	Inact	0.183 K	0.140 L	260	UNLM	neg
8199	0001	Play Room	1	2	Wall	Sheetrk	Inact	0.102 K	0.090 L	260	UNLM	neg
8200	0001	Play Room	1	3	Wall	Sheetrk	Inact	-0.047 K	0.140 L	260	UNLM	neg
8201	0001	Play Room	1	4	Wall	Sheetrk	Inact	-0.247 K	0.129 L	260	UNLM	neg
8202	0001	Computer Room	1	1	Wall	Sheetrk	Inact	5.692 K	0.404 L	260	UNLM	pos
8203	0001	Computer Room	1	2	Wall	Sheetrk	Inact	-0.309 K	0.020 L	260	UNLM	neg
8204	0001	Computer Room	1	3	Wall	Sheetrk	Inact	-0.524 K	-0.052 L	260	UNLM	neg
8205	0001	Computer Room	1	4	Wall	Sheetrk	Inact	-1.016 K	0.165 L	260	UNLM	neg
8206	0001	Computer Room	1	4	Ceiling	Sheetrk	Inact	0.239 K	0.060 L	260	UNLM	neg
8207	0001	Stairway	1	2	Wall	Sheetrk	Inact	-0.048 K	-0.132 L	260	UNLM	neg
8208	0001	Stairway	1	2	Wall	Sheetrk	Inact	-0.014 K	0.116 L	260	UNLM	neg
8209	0001	Stairway	1	3	Wall	Sheetrk	Inact	0.071 K	0.048 L	260	UNLM	neg
8210	0001	Stairway	1	4	Wall	Sheetrk	Inact	0.030 K	-0.068 L	260	UNLM	neg
8211	0001	Stairway	1	1	Wall	Sheetrk	Inact	-0.105 K	0.035 L	260	UNLM	neg
8212	0001	Bedroom	1	1	Wall	Sheetrk	Inact	-0.229 K	0.025 L	260	UNLM	neg
8213	0001	Bedroom	1	2	Wall	Sheetrk	Inact	-0.162 K	0.082 L	260	UNLM	neg
8214	0001	Bedroom	1	3	Wall	Sheetrk	Inact	0.154 K	0.058 L	260	UNLM	neg
8215	0001	Bedroom	1	4	Wall	Sheetrk	Inact	-0.389 K	-0.118 L	260	UNLM	neg
8216	0001	Bedroom	1	4	Ceiling	Sheetrk	Inact	-0.142 K	0.167 L	260	UNLM	neg
8217	0001	Bedroom	1	4	Closet Wall	Sheetrk	Inact	-0.050 K	0.132 L	260	UNLM	neg

XRF and Lab Results

Customer

Project

Action Level 1.000

Lab 1.000 mg /cm2

Substrate Compensation

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	MAP #	Lab	Result
8218	0001	Bedroom	2	1	Wall	Sheetrk	Inact	-0.237 K	-0.096 L	260	UNLM	neg
8219	0001	Bedroom	2	2	Wall	Sheetrk	Inact	0.025 K	0.154 L	260	UNLM	neg
8220	0001	Bedroom	2	3	Wall	Sheetrk	Inact	0.135 K	0.194 L	260	UNLM	neg
8221	0001	Bedroom	2	7	Wall	Sheetrk	Inact	-0.255 K	0.257 L	260	UNLM	neg
8222	0001	Bedroom	2	4	Window Molding	Wood	Inact	0.127 K	-0.008 L	260	UNLM	neg
8223	0001	Bedroom	2	4	Window Sill	Wood	Inact	-0.217 K	-0.155 L	260	UNLM	neg
8224	0001	Back Porch	1	1	Wall	Wood	Inact	-0.004 K	-0.289 L	260	UNLM	neg
8225	0001	Back Porch	1	2	Wall	Wood	Inact	0.126 K	-0.095 L	260	UNLM	neg
8226	0001	Back Porch	1	3	Wall	Sheetrk	Inact	-0.226 K	-0.335 L	260	UNLM	neg
8227	0001	Back Porch	1	4	Wall	Wood	Inact	-0.524 K	-0.201 L	260	UNLM	neg
8228	0001	Back Porch	1	4	Floor	Masonry	Poor	-0.035 K	0.077 L	260	UNLM	neg
8229	0001	Back Porch	1	4	Ceiling	Sheetrk	Inact	-0.295 K	0.129 L	260	UNLM	neg
8230	0001	Stairway	2	1	Wall	Sheetrk	Inact	0.073 K	-0.010 L	260	UNLM	neg
8231	0001	Stairway	2	2	Wall	Sheetrk	Inact	-0.049 K	0.211 L	260	UNLM	neg
8232	0001	Stairway	2	3	Wall	Sheetrk	Inact	0.355 K	-0.178 L	260	UNLM	neg
8233	0001	Stairway	2	4	Wall	Sheetrk	Inact	-0.005 K	0.088 L	260	UNLM	neg
8234	0001	Stairway	2	4	Floor	Masonry	Poor	0.000 K	-0.162 L	260	UNLM	neg
8235	0001	Stairway	2	4	Stair Tread	Wood	Poor	0.192 K	-0.105 L	260	UNLM	neg
8236	0001	Basement	1	1	Wall	Masonry	Fair	-0.082 K	0.305 L	260	UNLM	neg
8237	0001	Basement	1	2	Wall	Masonry	Fair	-0.693 K	0.751 L	260	UNLM	neg
8238	0001	Basement	1	3	Wall	Masonry	Fair	0.075 K	0.346 L	260	UNLM	neg
8239	0001	Basement	1	4	Floor	Masonry	Poor	0.122 K	-0.207 L	260	UNLM	neg
8240	0001	Calibration	*	*	*	*	*	1.247 K	1.133 L	260	Test	pos

XRF and Lab Results

Customer

Project

Action Level 1.000

Lab 1.000 mg /cm2

Substrate Compensation

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	MAP #	Lab	Result
8240	0001	Calibration	*	*	*	*	*	1.247 K	1.133 L	260	Test	pos
8241	0001	Calibration	*	*	*	*	*	1.196 K	1.103 L	260	Test	incl
8241	0001	Calibration	*	*	*	*	*	1.196 K	1.103 L	260	Test	incl
8242	0001	Calibration	*	*	*	*	*	1.256 K	1.183 L	260	Test	pos
8242	0001	Calibration	*	*	*	*	*	1.256 K	1.183 L	260	Test	pos

Total Assays Reports

74