

RENSSELAER COUNTY DEPARTMENT of HEALTH

Steven F. McLaughlin
County Executive



Mary Fran Wachunas
Public Health Director

Lead Hazard Screen

Prepared for:
Rensselaer City School District
25 Van Rensselaer Drive
Rensselaer, NY 12144

Rensselaer County Department of Health
1600 7th Avenue 2nd floor
Troy, NY 12180

EPA Firm License Number: LBP-2482-1

Date of Site Visit: April 18, 2019

Prepared by: Jennifer DeLorenzo
EPA Risk Assessor
Certification number: LBP-R-7845-1

Testing Laboratory:
Accurate Analytical Testing
30105 Beverly Road
Romulus, MI 48174

Summary

Dust is an important pathway to exposure of lead. Studies have shown that dust lead levels are the strongest predictor of children's blood lead levels compared with other variables (EPA 40 CFR part 745, Risk Assessor manual, p 5-3). Taking dust samples will confirm the presence or absence of lead in a building.

A lead hazard screen is done in buildings in good condition where the probability of finding lead is low. A screen employs more limited sampling and more sensitive hazard identification criteria. If a screen indicates that lead hazards are present, further testing would be required. (EPA 40 CFR part 745, Risk Assessor manual, Chapter 5-7).

This method of testing for the presence of lead dust was chosen for the interior of the school building. The school building was constructed in the late 2000's and therefore should not contain lead paint. Dust samples were collected per EPA sampling protocol outlined in EPA-W-04-022 (see attached). Interior sampling sites were chosen at all major entrances to the building. In addition, one pre-K classroom floor and one pre-K classroom window sill were chosen to test for the presence of lead in classrooms with the most vulnerable population (see attached diagram for sampling locations).

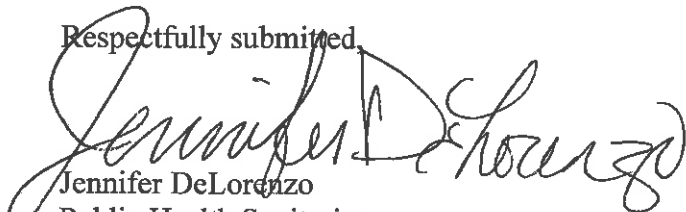
While there are no protocols for exterior dust sampling, exterior dust sampling sites were chosen to serve as surveillance testing to determine if further testing was required. Roof sample locations were tested to gather information on undisturbed locations. Also chosen were exterior window sills that do not get regularly cleaned. These locations were chosen as "worst case scenario" as they would have the largest build-up of dust. The final location was chosen on the playground. The top of the tunnel was sampled. This sample location was chosen because of the high contact area (see attached diagram for sampling locations). If lead is found in any of these locations, further testing would be required.

Sampling Results

Laboratory results indicate that there was no lead found at any of the sampling locations. The areas from which the samples were collected are representative of other areas throughout the property. Laboratory results are attached.

The results of this risk assessment are valid only for the date and time of the field visit. Conditions may change.

Respectfully submitted,



Jennifer DeLorenzo

Public Health Sanitarian

Rensselaer County Department of Health



30105 Beverly Road
 Romulus, MI 48174
 Ph: 734-629-8161; Fax: 734-629-8431

Certificate of Analysis : Lead In Dust Wipes by ASTM 1644-17 and EPA Method 7000B

Client : Rensselaer County DOH
 1600 7th Ave
 Troy, NY 12180

Attn : Deanna Miller
Phone : 518-270-2640

Email : deanna.miller@renesco.com
Fax : 518-270-2638

AAT Project : 484181
Sampling Date : 04/18/2019
Date Received : 04/22/2019
Date Analyzed : 04/22/2019
Date Reported : 4/23/2019 6:00:00AM

Client Project : N-A
Project Location : N-A

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Total µg	Results Lead µg/ft2
4657948	2019JD009		12	12	1.00	<5	<5.00
4657949	2019JD010		12	12	1.00	<5	<5.00
4657950	2019JD011		12	12	1.00	<5	<5.00
4657951	2019JD012		12	12	1.00	<5	<5.00
4657952	2019JD013		1	49	0.34	<5	<14.69
4657953	2019JD014		1	29	0.20	<5	<24.83
4657954	2019JD015		1	52	0.36	<5	<13.85
4657955	2019JD016		12	12	1.00	<5	<5.00
4657956	2019JD017		12	12	1.00	<5	<5.00
4657957	2019JD018		12	12	1.00	<5	<5.00
4657958	2019JD019		12	12	1.00	<5	<5.00
4657959	2019JD020		12	12	1.00	<5	<5.00
4657960	2019JD021		10	38	2.64	<5	<1.89
4657961	2019JD022		12	12	1.00	<5	<5.00
4657962	2019JD023		12	12	1.00	<5	<5.00
4657963	2019JD024		12	12	1.00	<5	<5.00
4657964	2019JD025		12	12	1.00	<5	<5.00
4657965	2019JD026		12	12	1.00	<5	<5.00

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (2) significant figures.
 AAT internal SOP S207. The method and batch QC are acceptable unless otherwise stated.
 EPA Regulatory Limits: 40 ug/ft2 (Floors, Carpeted/Uncarpeted), 250 ug/ft2 (Window Sill/Stools), 400 ug/ft2 (Window Trough/Well/Ext Concrete Surfaces).
 HUD Regulatory Limits: 10 ug/ft2 (Interior Floors), 40 ug/ft2 (Porch Floors), 100 ug/ft2 (Window Sills), 100 ug/ft2 (Window Troughs).
 The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. All Quality control requirements for the samples this report contains have been met. AAT does not blank correct reported values. Sample data apply only to items analyzed. Reproduction of this document other than in its entirety is not authorized by AAT.



AIHA-LAP- Lab ID #100986, NY State DOH ELAP-Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 04/23/2019 6:11AM

AAT Project: 484181

Lab Sample ID	Client Code	Sample Description	Length (Inch)	Width (Inch)	Area (Sq ft)	Total μg	Results Lead $\mu\text{g}/\text{ft}^2$
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Analyst Signature



Elyse Bidle

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 6 ug/sample. For true values assume (2) significant figures.

AAT internal SOP S207. The method and batch QC are acceptable unless otherwise stated.

EPA Regulatory Limits: 40 ug/ft² (Floors, Carpeted/Uncarpeted), 250 ug/ft² (Window Sill/Stools), 400 ug/ft² (Window Trough/Well/Ext Concrete Surfaces). HUD Regulatory Limits: 10 ug/ft² (Interior Floors), 40 ug/ft² (Porch Floors), 100 ug/ft² (Window Sills), 100 ug/ft² (Window Troughs).

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AAT Project: 484181



Sample ID #	Time	Location	Dimensions	Note
2019-01-009	1355	High School wing roof	12 X 12	
-010	1400	Middle School wing roof	12 X 12	
-011	1405	Elem School wing roof	12 X 12	
-012	1413	Playground / top of tube	12 X 12	
-013	1419	Elem wing entrance	1 X 49	
-014	1425	Middle School wing entrance	1 X 29	
-015	1428	High School wing entrance	1 X 52	
-016	1430	Blank	12 X 12	
-017	1433	Main entrance w/ Floor	12 X 12	
-018	1439	Middle School wing entrance ^{int}	12 X 12	
-019	1444	Elem ^{wing} entrance Floor	12 X 12	
-020	1447	Rm 111 Floor	12 X 12	
-021	1450	Rm 104 window sill	10 X 38	
-022	1454	Elem main entrance Floor	12 X 12	
-023	1458	Guesten entrance Floor	12 X 12	
-024	1501	High School wing entrance	12 X 12	
-025	1505	Auditorium entrance Floor	12 X 12	
-026	1507	Blank	12 X 12	
-027				



30105 Beverly Road
Romulus, MI 48174
Ph: 734-629-8161; Fax: 734-629-8431

To : Rensselaer County DOH
1600 7th Ave
Troy, NY 12180

Attn : Deanna Miller

Email : deanna.miller@renesco.com

Phone : 518-270-2640

AAT Project : 484181

Client Project : N-A

Date Reported : 4/23/2019 6:00:00AM

Project Location : N-A

Sample	Client Code	Analysis Requested	Completed	Analyst
4657948	2019JD009	Dust Wipe	04/22/2019	Elyse Bidle
4657949	2019JD010	Dust Wipe	04/22/2019	Elyse Bidle
4657950	2019JD011	Dust Wipe	04/22/2019	Elyse Bidle
4657951	2019JD012	Dust Wipe	04/22/2019	Elyse Bidle
4657952	2019JD013	Dust Wipe	04/22/2019	Elyse Bidle
4657953	2019JD014	Dust Wipe	04/22/2019	Elyse Bidle
4657954	2019JD015	Dust Wipe	04/22/2019	Elyse Bidle
4657955	2019JD016	Dust Wipe	04/22/2019	Elyse Bidle
4657956	2019JD017	Dust Wipe	04/22/2019	Elyse Bidle
4657957	2019JD018	Dust Wipe	04/22/2019	Elyse Bidle
4657958	2019JD019	Dust Wipe	04/22/2019	Elyse Bidle
4657959	2019JD020	Dust Wipe	04/22/2019	Elyse Bidle
4657960	2019JD021	Dust Wipe	04/22/2019	Elyse Bidle
4657961	2019JD022	Dust Wipe	04/22/2019	Elyse Bidle
4657962	2019JD023	Dust Wipe	04/22/2019	Elyse Bidle
4657963	2019JD024	Dust Wipe	04/22/2019	Elyse Bidle
4657964	2019JD025	Dust Wipe	04/22/2019	Elyse Bidle
4657965	2019JD026	Dust Wipe	04/22/2019	Elyse Bidle

Reviewed By

Quality Assurance Coordinator - Stephen Northcott

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AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 04/23/2019 6:11AM

AAT Project: 484181

Sample

Client Code

Analysis Requested

Completed

Analyst

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AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 04/23/2019 6:11AM

AAT Project: 484181

Please email results to me

JDeLORENZO@RENSCO.COM

20108 BEVERLY RD.
 RENTON, WA 98057
 (754) 499-1485 (2229)
 FAX: (754) 499-4407
 WWW.RENSCO.COM

SUBMITTING COMPANY

Rensselaer County DOT
 1600 7th Ave.
 Troy, NY 12180

CONTACT INFORMATION

Office: Deanna Miller
 519-270-2640
 519-270-2638 (fax)
 Email: dlanmiller@renesco.co

PROJECT NUMBER: [Blank]
 PROJECT ADDRESS: [Blank]
 SAMPLE START TIME: 13:45
 SAMPLING DATE: 4/18/19
 SAMPLE END TIME: 15:15
 RISK ASSESSOR: Jennifer Delorenzo
 PO #: [Blank]

SAMPLE ID	DESCRIPTION	WS, WT, F	WIPED AREA (6-12in x 12in)	REQUESTED ANALYSIS	LEAD
2019JSD009			12 X 12	SINGLE WIPE DUST (X)	(X)
2019JSD010			12 X 12	COMPOSITE SOIL	()
2019JSD011			12 X 12	PAINT CHIP % By Wt. mg/cm ²	()
2019JSD012			12 X 12		
2019JSD013			1 X 49		
2019JSD014			1 X 29		
2019JSD015			1 X 52		
2019JSD016			12 X 12		
2019JSD017			12 X 12		
2019JSD018			12 X 12		
2019JSD019			12 X 12		
2019JSD020			12 X 12		
2019JSD021			10 X 38		
2019JSD022			12 X 12		
2019JSD023			12 X 12		

SAMPLES REQUESTED BY: Jennifer Delorenzo
 CLIENT COMMENTS: Risk Assessor: Jennifer Delorenzo
 Samples shipped 18

Date	TIME
[Signature]	AM
[Signature]	PM
[Signature]	AM
[Signature]	PM

F001E

By submitting samples to AAT, the client agrees to AAT's terms and conditions.

Handwritten signatures and notes, including a large signature and the number 18.

Please email results to me
 JDELORENZO@RENSCO.COM



20105 BEVERLY RD.
 ROMULUS MI 48174
 (734) 877-1485 (2227)
 FAX: (734) 877-5407
 WWW.ETSINC.COM

SUBMITTING COMPANY

Rensselaer County DOT
 1600 7th Ave.
 Troy, NY 12180

CONTACT INFORMATION

Office: Deanna Miller
 518-270-2640
 Fax: 518-270-2638 (fax)
 Cell:
 Email: deanna.miller@renSCO.CO

PROJECT NUMBER

SAMPLING DATE: 4/18/19

PO #

4118119

REQUESTED ANALYSIS

LEAD

PROJECT ADDRESS

Jennifer Delorenzo

13:45

15:15

SAMPLE START TIME

RISK ASSESSOR

Jennifer Delorenzo

SINGLE WIPE DUST

(X)

COMPOSITE SOIL

()

PAINT CHIP

()

% By Wt

()

mg/cm²

()

VS WT, F

WIP AREA (sq. in. x 12in)

12 X 12

12 X 12

12 X 12

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

SAMPLE RECEIVED BY

Jennifer Delorenzo

SAMPLES RECEIVED BY

Jennifer Delorenzo

Date

TIME

AM

PM

AM

PM

F001E

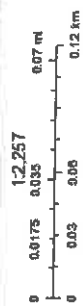
By submitting samples to AAT, the client agrees to AAT's terms and conditions.

Request turnaround time (please check one)
 SAME DAY () 24 Hour ()
 48 Hour () 72 hours ()

CLIENT COMMENTS

Risk Assessor: Jennifer Delorenzo
 Samples shipped

If no TAT is indicated, default is 72 hours



Richard Eicker 22-APR-2015 @ 13:24:09

United States Environmental Protection Agency

This is to certify that



Jennifer B DeLorenzo

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:



Risk Assessor

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires January 27, 2020

LBP-R-7845-1

Certification #

December 19, 2016

Issued On

A handwritten signature in black ink, appearing to read 'John Gorman'.

John Gorman, Chief

Pesticides & Toxic Substances Branch

