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December 19, 2018

Public Housing Agency of the City of St. Paul
555 Wabasha Street North, Suite 400
St. Paul, Minnesota 55102

Attn: Ka Yang
PHA Project Leader

651-292-6089

Subject: Lead Risk Assessment
Roosevelt Homes (MN1-2) and Community Center
St. Paul, Minnesota
PSI Project No. 06731050-3

Dear Mr. Yang:

On October 2, 3, 4, 10, 11 and 12 2018, Mr. John Lynch and Mr. Jacob Frahm of Professional Service Industries, Inc. (PSI), an Intertek company, conducted a lead risk assessment at the above multi-family housing development. Mr. Lynch and Mr. Frahm are certified Risk Assessors through the Minnesota Department of Health. The current owner of this property is the Public Housing Agency of the City of St. Paul (PHA).

Were Lead-Based Paint (LBP) Hazards discovered at this development?

Yes No

A lead-based paint hazard is any of the following:

- LBP on a friction surface subject to abrasion and where the dust levels on the nearest horizontal surface (sill or floor) exceed the floor or window levels shown below;
- LBP damaged by impact;
- LBP showing evidence of teeth marks; or
- Any other deteriorated LBP.

Based on the HUD Guidelines, the following lead hazards were identified:

ADDRESS #	ROOM #	COMPONENT	LOCATION	SUBSTRATE	COLOR	CONDITION
NONE						

NOTE: X = not along a wall

None of the components with deteriorated paint tested were found to contain lead at greater than or equal to 1.0 mg/cm². Detailed XRF testing results are contained in Section A-1 of this report.





Were Lead Dust Hazards discovered at this development?

Yes No

A lead-dust hazard is surface dust exceeding the levels shown below on one or more of the following components:

- Floors: 40µg/Square Foot
- Window Sills: 250µg/Square Foot
- Window Troughs 400µg/Square Foot

Dust sample results location: Section A-2. Hazard recommendations: Section A-3

The average dust level for each category was determined to be:

	FLOOR	STAIRS	WINDOW SILLS	WINDOW TROUGHS
MN1-2	15 µg/SqFt	10 µg/SqFt	6.5 µg/SqFt	NA
COMMUNITY CENTER	10 µg/SqFt	NA	7.18 µg/SqFt	NA

NA = Not Applicable

The slider windows found at the subject property did not have a trough and therefore no trough samples were collected.

None of the individual dust wipe samples was found to contain lead dust above the respective regulatory standards.

ADDRESS #	ROOM #	COMPONENT	LEAD
None			

Were Lead Soil Hazards discovered at this residence?

Yes No

A soil-lead hazard is bare soil containing 100 µg/g (micrograms per gram) in composited samples collected from the bare soil areas around the drip-line of the house or in the rest of the yard. Soil sample results are located in Section A-2 of this report. Hazard information and recommendations are located in Section A-3.

One of the soil samples collected for this assessment exceeded the soil-lead hazard standard.

SAMPLE NO.	ADDRESS	LOCATION	BARE/COVERED	RESULT UG/G
1148-S-DS	1148 Suponick Ln	Drip Line	BARE	670

None of the soil samples for each individual play area were above the soil-lead hazard of 100 ug/g.

The average lead soil level for each category within the apartment complex was determined to be:

DRIP LINE	BARE SOIL	PLAY AREA
76 ug/g	37 ug/g	20.5 ug/g

The simplest way to reduce lead exposures is through regular washing of hands, toys, and horizontal surfaces in the home with a liquid hand soap or dish soap and water. It is highly recommended that disposable cleaning materials be used to wash surfaces, so as not to re-contaminate them with a used mop or cloth. A guide to reducing lead hazards in the home is included in Section C of this report. Other ways of reducing lead hazards within the home include taking shoes off before entering living areas, letting water run prior to drinking or



cooking, covering exposed soil with plant materials, and vacuuming with a High Efficiency Particulate Air (HEPA) filtered vacuum.

For more information regarding lead poisoning and prevention, contact your local health department or the National Lead Information Center (800-424-LEAD (5323)). Contact the Minnesota Department of Health Lead Program at (651) 201-4620 for information regarding lead hazard remediation or selection of qualified lead professionals. Additional Information is also available on the internet at www.health.state.mn.us/topics/lead/index.html

The purpose of this lead-based paint investigation was to identify painted and varnished surfaces for the presence of lead exceeding the regulatory level and to evaluate the property for the location, type and severity of existing or potential health hazards associated with lead-based paint in tenant and public accessible areas, and then develop recommendations for remediation of those hazards. The following report details the results of the assessment.

The findings of this report must be provided to each new lessee (tenant) or purchaser of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to purchasers and made available to tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency (EPA), entitled *Protect Your Family from Lead in Your Home*, and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards.

For more information regarding your obligations under federal lead-based paint regulations, contact the Minnesota Department of Health Lead Program at 651-201-4620.

We share your concern for the safety and well-being of your family or tenants and you are invited to call us at 651-646-8148 with any questions you may have concerning this report or your needs for additional guidance.

Sincerely,
Professional Service Industries, Inc.

Jacob Frahm, MDH Risk Assessor No. LR3835

John Lynch, MDH Risk Assessor No. LR4182

Michael Tjaden
Principal Consultant



INDEX AND SECTION INFORMATION

The report consists of the preceding cover letter which identifies all lead hazards found on the property and the following sections which provide detailed testing and evaluation information. Helpful information about contents and purpose is included on the cover page of each section.

NOTE: A checked box means that the section is included in this report

- Section A** Hazard Assessment and Recommendations: This section includes:
A-1: XRF testing of deteriorated paint
A-2: Laboratory analysis of dust, soil and paint chips
A-3: Hazard remediation recommendations for hazards identified in Subparts A-1 and A-2
A-4: Field site sketch
- Section B** Property Condition: Includes an assessment of the physical condition of the property and a summary of paint condition on selected surfaces.
- Section C** Ownership and Occupants: Includes a physical description of the dwellings and property and information about the current occupants.
- Section D** Sampling Procedures: Includes information on the methods used to collect paint, dust and soil samples.
- Section E** Hazard Reduction Information and Related Requirements: This section provides guidance for the property owner if hazards have been identified as a result of this assessment.
- Section F** PHA Management Information
- Section G** Warranty
- Section H** Certifications: Risk Assessor and Laboratory Certifications.



SECTION A: HAZARD ASSESSMENT & RECOMMENDATIONS

A-1:	COMPREHENSIVE LEAD-BASED PAINT INVESTIGATION
A-2:	RESULTS OF LABORATORY ANALYSIS
A-3:	HAZARD REMEDIATION RECOMMENDATIONS
A-4:	FIELD SITE SKETCH

The lead risk assessment conducted for this site was conducted in general accordance with the US Department of Housing and Urban Development (USHUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing published in July 2012. Risk assessment was conducted following a random sampling strategy. Based on the age of the duplex development and the number of units in the development, all 16 units were selected for lead risk assessment. No tenant accessible common areas are part of the development.

A-1 LEAD-BASED PAINT TESTING OF DETERIORATED PAINT

The following pages contain x-ray fluorescence (XRF) testing of painted and varnished components within selected tenant units and on the exterior. Based on visual inspection of the selected dwelling units, components with deteriorated paint were tested by XRF. XRF technology uses low-level radiation to induce energy in lead atoms within a painted surface, which the XRF unit is able to analyze. The device then displays the direct-reading results in milligrams of lead per square centimeter of surface area tested (mg/cm^2), and is able to determine if lead-based paint is present. Lead-based paint (LBP) is defined by state and federal regulations as surface coatings which contain $1.0 \text{ mg}/\text{cm}^2$ of lead, or greater. Information identifying paint-related hazards is also included in this section.

INSPECTION (PAINT TESTING):

All XRF testing results follow this page and are intended to comply with requirements and methods detailed in the U. S. Department of Housing and Urban Development Guidelines for the Evaluation and Control of Lead-Based Paint in Hazards and Housing, Chapter 7: Lead-Based Paint Inspection (Second Edition – July, 2012). Lead inspection was limited to testing painted surfaces that were visually identified as deteriorated. XRF testing on this project was performed using a RMD LPA-1 X-ray fluorescence analyzer (XRF) Lead Paint Spectrum Analyzer, serial number 1170, by risk assessors who have been trained in the use of this unit. The unit was operated in accordance with the Performance Characteristic Sheet (PCS) for the RMD LPA-1 XRF Lead Spectrum Analyzer.

REPORT TERMINOLOGY FOR INSPECTION-RELATED COLUMNS:

Column Title	Contents and abbreviations
Room #	The area or space being tested. May also be a common area or exterior area.
Component	The object or surface being tested
Location	All areas are oriented to walls A,B,C,D. This is described further below in section A-4.
Substrate	The underlying surface to which the paint or varnish has been applied. Wd=Wood, PP=Wallpaper, C=Concrete, Mt=Metal, St=Stone, Mas=Masonry, Pl=Plaster, ShRk=Sheetrock, Sc=Stucco
Color	Color of the painted area tested
Condition	G=Good, F=Fair, P=Poor
Reading	In milligrams per square centimeter (mg/cm^2) $1.0 \text{ mg}/\text{cm}^2$ or greater is lead-based paint.



LBP HAZARD ASSESSMENT:

Information identifying paint-related hazards is also included in this section.

A lead-based paint hazard is any of the following:

- LBP on a friction surface subject to abrasion and where the dust levels on the nearest horizontal surface (sill or floor) exceed the floor or window levels shown below;
- LBP damaged by impact;
- LBP showing evidence of teeth marks; or
- Any other deteriorated LBP.

REPORT TERMINOLOGY FOR LBP HAZARD-RELATED COLUMNS:

Column Title	Contents and abbreviations
Reading	In milligrams per square centimeter (mg/cm ²) 1.0 mg/cm ² or greater is lead-based paint.
Hazard Key	Refers the reader to section A-3 where recommendations to reduce or eliminate lead paint, dust, soil or other hazards are provided.



Project Name:	Lead Risk Assessment		1	2	3	Time
Project Number:	06731050-3	Test Block 1:	1.4	1.4	1.1	9:45
Risk Assessor:	Jacob Frahm	Test Block 2:	1.2	1.2	1.1	12:50
		Test Block 3:	1.3	1.3	1.2	14:00
Development	Roosevelt Homes	LPA-1 #	1170			
Date:	10/2/2018					

Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1553 Jessamine #C								
1	1	Stair	X	Wood	Gray	Fair	0.5	
1553 Jessamine #D								
2	1	Wall	A	Block	White	Fair	0.7	
1561 Jessamine #B								
3	1	Stair	X	Wood	Gray	Fair	0.4	
1561 Jessamine #D								
4	1	Railing	D	Wood	Gray	Fair	0.4	
1561 Jessamine #E								
5	1	Stair	X	Wood	Gray	Fair	0.1	
6	1	Wall	D	Block	Brown	Poor	0.3	
7	1	Wall	B	Block	Brown	Poor	0.4	
1593 Jessamine # B								
8	1	Stair	X	Wood	Gray	Poor	0.2	
9	1	Wall	A	Block	White	Fair	0.0	
1128 Supornick								
NO SURFACES ANALYZED								
1132 Supornick #F								
NO SURFACES ANALYZED								
1136 Supornick #C								
NO SURFACES ANALYZED								



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-3		Test Block 1:	1.0	1.0	0.9	9:05	
Risk Assessor:	Jacob Frahm		Test Block 2:	1.2	1.1	1.1	12:00	
			Test Block 3:					
Development	Roosevelt Homes		LPA-1 #	1170				
Date:	10/3/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1136 Supornick #A								
NO SURFACES ANALYZED								
1136 Supornick #E								
NO SURFACES ANALYZED								
1140 Supornick #A								
NO SURFACES ANALYZED								
1140 Supornick #C								
NO SURFACES ANALYZED								
1140 Supornick #D								
NO SURFACES ANALYZED								
1140 Supornick #E								
NO SURFACES ANALYZED								
1144 Supornick #B								
NO SURFACES ANALYZED								
1144 Supornick #C								
NO SURFACES ANALYZED								
1144 Supornick #D								
NO SURFACES ANALYZED								
1144 Supornick #G								
NO SURFACES ANALYZED								



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-3			Test Block 1:	1.2	1.2	1.3	8:45
Risk Assessor:	Jacob Frahm			Test Block 2:	1.3	1.4	1.2	12:15
				Test Block 3:				
				LPA-1 #	1170			
Development Date:	Roosevelt Homes							
	10/4/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1553 Jessamine #B								
1	1	Stair	X	Wood	Gray	Fair	0.5	
1577 Jessamine #A								
2	1	Stair	X	Wood	Gray	Fair	0.6	
1585 Jessamine #A								
3	1	Stair	X	Wood	Gray	Fair	0.2	
4	1	Floor	X	Concrete	Gray	Poor	-0.1	
5	1	Wall	A	Block	White	Fair	0.7	
1585 Jessamine # B								
6	1	Stair	X	Wood	Gray	Fair	0.2	
1585 Jessamine #D								
7	1	Stair	X	Wood	Gray	Fair	0.0	
1589 Jessamine #D								
8	1	Stair	X	Wood	Gray	Fair	0.1	
9	1	Wall	A	Block	White	Fair	0.2	
1578 Jessamine #D								
10	1	Stair	X	Wood	Gray	Fair	0.2	
11	1	Wall	B	Block	White	Fair	0.0	
12	1	Floor	X	Concrete	Gray	Poor	-0.1	
1139 Supornick #A								
13	1	Floor	X	Concrete	Gray	Fair	0.0	



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-3			Test Block 1:	1.1	0.9	0.9	9:25
Risk Assessor:	Jacob Frahm			Test Block 2:	1.3	1.1	1.1	11:30
				Test Block 3:				
Development	Roosevelt Homes			LPA-1 #	1170			
Date:	10/10/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1152 Supornick #H								
NO SURFACES ANALYZED								
1152 Supornick #I								
NO SURFACES ANALYZED								
1152 Supornick #F								
NO SURFACES ANALYZED								
1152 Supornick #B								
NO SURFACES ANALYZED								
1152 Supornick #A								
NO SURFACES ANALYZED								
1148 Supornick #G								
NO SURFACES ANALYZED								
1148 Supornick #F								
NO SURFACES ANALYZED								
1148 Supornick #E								
NO SURFACES ANALYZED								
1148 Supornick #B								
NO SURFACES ANALYZED								
1148 Supornick #A								
NO SURFACES ANALYZED								
1144 Supornick #I								
NO SURFACES ANALYZED								



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-3		Test Block 1:	1.0	1.1	1.1	9:00	
Risk Assessor:	Jacob Frahm		Test Block 2:	1.4	1.3	1.2	11:00	
			Test Block 3:					
Development	Roosevelt Homes		LPA-1 #	1170				
Date:	10/11/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1184 Supornick #B								
1	1	Stair	X	Wood	Gray	Fair	0.7	
2	1	Wall	C	Block	White	Fair	0.1	
1557 Fellows #D								
3	1	Stair	X	Wood	Gray	Fair	0.7	
4	1	Wall	A	Block	White	Fair	0.4	
1553 Fellows #D								
5	1	Stair	X	Wood	White	Fair	0.6	
6	1	Wall	B	Block	White	Fair	0.3	
1553 Fellows #C								
7	1	Stair	X	Wood	Gray	Fair	0.4	
1553 Fellows #B								
8	1	Stair	X	Wood	White	Fair	0.5	



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-3			Test Block 1:	1.2	1.1	1.1	9:04
Risk Assessor:	Jacob Frahm			Test Block 2:	1.1	1.0	1.0	11:00
				Test Block 3:				
				LPA-1 #	1170			
Development Date:	Roosevelt Homes							
	10/12/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1188 Hazelwood #A								
1	1	Stair	X	Wood	Gray	Fair	0.7	
2	1	Floor	X	Concrete	Blue	Poor	0.6	
1582 Maryland #A								
3	1	Stair	X	Wood	Gray	Fair	0.7	
1582 Maryland #C								
4	3	Window Sill	C	Wood	White	Fair	0.8	
5	1	Stair	X	Wood	Gray	Fair	0.3	
6	1	Floor	X	Concrete	Gray	Fair	0.2	
1594 Maryland #C								
7	1	Stair	X	Wood	Gray	Fair	0.5	
8	1	Floor	X	Concrete	Tan	Poor	0.3	
9	1	HVAC Duct	C	Metal	Yellow	Fair	0.6	
1594 Maryland #A								
10	1	Stair	X	Wood	White	Fair	0.2	
11	1	Wall	A	Block	White	Fair	0.5	



Project Name:	Lead Risk Assessment			1	2	3	Time
Project Number:	06731050-5	Test Block 1:	1.2	1.0	1.0	9am	
Date:	11/21/2018	Test Block 2:	1.0	1.2	0.9	1pm	
Risk Assessor:	Jacob Frahm	Test Block 3:					
Development	McDonough	LPA-1 #	1170				
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading
Roosevelt Community Center							
No deteriorated surfaces							



LABORATORY ANALYSES A-2

A lead-dust hazard is surface dust exceeding the levels shown below on one or more of the following components:

- Floors: 40 µg/Square Foot
- Window Sills: 250 µg/Square Foot
- Window Trough: 400 µg/Square Foot

A soil-lead hazard is bare soil with a lead content exceeding the following:

- 100 parts per million in bare soil

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 Community Center

Date Received: 11/26/2018 **Date Analyzed:** 11/28/2018 **Date of Issue:** 11/29/2018

Analyst: Keith Potts **Work Order:** 1811677 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	R-COM-1	2.55		< 3.9	3.9
002A	R-COM-2	1		< 10	10
003A	R-COM-3	0.798		< 13	13
004A	R-COM-4	1		< 10	10
005A	R-COM-5	2.94		< 3.4	3.4
006A	R-COM-6	1		< 10	10
007A	R-COM-7	1.25		< 8.0	8.0
008A	R-COM-8	1		< 10	10
009A	R-COM-9	1.32		< 7.6	7.6
010A	R-COM-10	1		< 10	10
011A	R-COM-11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.



Approved Signatory
 Keith Potts

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

All quality control sample results are within the acceptance range, unless noted.
 All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
 Client submitted data is the determining factor in the accuracy of calculated results.
 The attached Chain of Custody is incorporated into and becomes a part of the final report.
 This report may not be reproduced, except in full, without written approval of PSI, Inc.



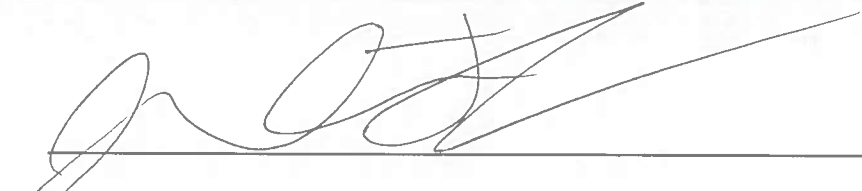
Lead Dust Sampling Form

(Single Surfaces)

Project Name: Roosevelt
 Project Number: 06731050-3

Date: 11/2/18
 Address/Unit Number: Community Center
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)	
R-Com-1	122	Sill	Yes	10x35	2.55		
-2	122	Floor	↓	12x12	1		
-3	126	Sill		2x57 1/2	0.798		
-4	126	Floor		12x12	1		
-5	112	Sill		9x47	2.94		
-6	123	Floor		12x12	1		
-7	039	Sill		10x18	1.25		
-8	039	Floor		12x12	1		
-9	017	Sill		10x19	1.32		
-10	017	Floor		12x12	1		
-11		BLUNT					

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1140 Supornick - C

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810239 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1140-S-C-1	1		< 10	10
002A	1140-S-C-2	1		< 10	10
003A	1140-S-C-3	1.98		< 5.1	5.1
004A	1140-S-C-4	1		< 10	10
005A	1140-S-C-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

All quality control sample results are within the acceptance range, unless noted.
 All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
 Client submitted data is the determining factor in the accuracy of calculated results.
 The attached Chain of Custody is incorporated into and becomes a part of the final report.
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Lead Dust Sampling Form

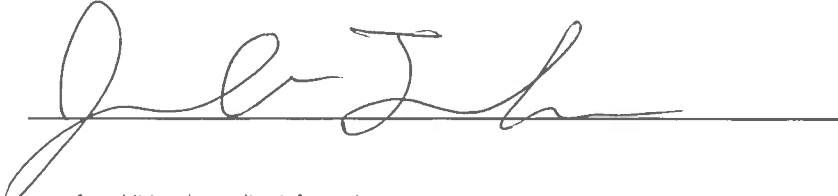
(Single Surfaces)

Page: of

Project Name: Roosevelt Homes
Project Number: 06731050-3

Date: 10/31/18
Address/Unit Number: 1140 Superior #C
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1140SC-1	5	Floor	Yes	12x12	1	
-2	4	Floor	Yes (Rug)	12x12	1	
-3	3	Sill	Yes	7 1/2 x 38	1.98	
-4	3	Floor	Yes	12x12	1	
-5		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1188 Hazelwood - A

Date Received: 10/15/2018 **Date Analyzed:** 10/17/2018 **Date of Issue:** 10/18/2018

Analyst: Keith Potts **Work Order:** 1810535 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1188-H-A-1	1		< 10	10
002A	1188-H-A-2	1		< 10	10
003A	1188-H-A-3	2.44		< 4.1	4.1
004A	1188-H-A-4	1		< 10	10
005A	1188-H-A-5	0.55		< 18	18
006A	1188-H-A-6	1		< 10	10
007A	1188-H-A-7	0.97		< 10	10
008A	1188-H-A-8	1		< 10	10
009A	1188-H-A-9	0.35		< 29	29
010A	1188-H-A-10	1		< 10	10
011A	1188-H-A-11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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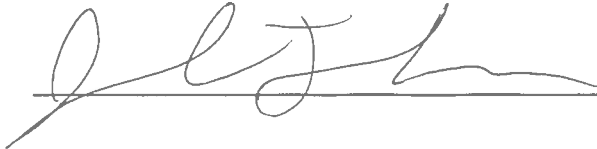
Lead Dust Sampling Form

(Single Surfaces)

Page:		of	
Project Name:	Roosevelt Homes		
Project Number:	06731050-3		

Date: 10/2/18
Address/Unit Number: 1188 Hazelwood #A
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1188-H-A-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	24x38	2.44	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	24x35	0.55	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	2x70	0.97	
-8	7	Floor	Yes	12x12	1	
-9	8	Sill	Yes	2x25	0.35	
-10	8	Floor	Yes	12x12	1	
-11		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1128 Supornick B

Date Received: 10/3/2018 **Date Analyzed:** 10/8/2018 **Date of Issue:** 10/8/2018

Analyst: Keith Potts **Work Order:** 1810166 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1128-S-B-1	1		< 10	10
002A	1128-S-B-2	1		< 10	10
003A	1128-S-B-3	1.63		< 6.1	6.1
004A	1128-S-B-4	1		< 10	10
005A	1128-S-B-5		< 20		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1594 Maryland - A

Date Received: 10/15/2018 **Date Analyzed:** 10/17/2018 **Date of Issue:** 10/17/2018

Analyst: Keith Potts **Work Order:** 1810534 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1594-M-A-1	1		< 10	10
002A	1594-M-A-2	1		< 10	10
003A	1594-M-A-3	2.38		< 4.2	4.2
004A	1594-M-A-4	1		< 10	10
005A	1594-M-A-5	0.74		< 14	14
006A	1594-M-A-6	1		< 10	10
007A	1594-M-A-7	1		< 10	10
008A	1594-M-A-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
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Cathy McNamee

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/27/18
 Address/Unit Number: 1594 Maryland #A
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1594-MA-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9x38	2.38	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	2x58 1/2	0.74	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	2x69 1/2	0.97	
-8	7	Floor	Yes	12x12	1	

Examiner Signature: _____

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1582 Maryland - A

Date Received: 10/15/2018 **Date Analyzed:** 10/17/2018 **Date of Issue:** 10/17/2018

Analyst: Keith Potts **Work Order:** 1810533 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1582-M-A-1	1		< 10	10
002A	1582-M-A-2	1		< 10	10
003A	1582-M-A-3	2.25		< 4.4	4.4
004A	1582-M-A-4	1		< 10	10
005A	1582-M-A-5	0.49		< 20	20
006A	1582-M-A-6	1		< 10	10
007A	1582-M-A-7	0.49		< 20	20
008A	1582-M-A-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1582 Maryland - C

Date Received: 10/15/2018 **Date Analyzed:** 10/17/2018 **Date of Issue:** 10/17/2018

Analyst: Keith Potts **Work Order:** 1810531 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1582-M-C-1	1		< 10	10
002A	1582-M-C-2	1		< 10	10
003A	1582-M-C-3	2.34		< 4.3	4.3
004A	1582-M-C-4	1		< 10	10
005A	1582-M-C-5	0.49		< 20	20
006A	1582-M-C-6	1		< 10	10
007A	1582-M-C-7	0.97		< 10	10
008A	1582-M-C-8	1		< 10	10
009A	1582-M-C-9		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Lead Dust Sampling Form

(Single Surfaces)

Page: | of |

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 10/2/18
 Address/Unit Number: 1582 Maryland #C
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1582-MC-1	3	FLOOR	Yes	12x12	1	
-2	4	FLOOR	Yes	12x12	1	
-3	1	Stair	Yes	94x36 1/2	2.34	
-4	1	FLOOR	Yes	12x12	1	
-5	7	Sill	Yes	2x35	0.49	
-6	7	FLOOR	Yes	12x12	1	
-7	8	Sill	Yes	2x70	0.97	
-8	8	FLOOR	Yes	12x12	1	
-9		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1140 Supornick - D

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810241 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1140-S-D-1	1		< 10	10
002A	1140-S-D-2	1		< 10	10
003A	1140-S-D-3	3.62		< 2.8	2.8
004A	1140-S-D-4	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 10/2/18
 Address/Unit Number: 1140 Supornich #D
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
11405-D-1	4	Floor	Yes	12x12	1	
-2	5	Floor	Yes (Rug)	12x12	1	
-3	6	S:U	Yes	74x72	3.75	
-4	6	Floor	Yes (Rug)	12x12	1	

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1144 Supornick - G

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810234 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1144S-G-1	1		< 10	10
002A	1144S-G-2	1		< 10	10
003A	1144S-G-3	1.3		< 7.7	7.7
004A	1144S-G-4	1		10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/3/18

Address/Unit Number: 1144 Supernick #6

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1144-6-1	5	Floor	Yes	12x12	1	
-2	4	Floor	Yes	12x12	1	
-3	3	Sill	Yes	7 1/2 x 25	1.30	
-4	3	Floor	Yes	12x12	1	

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1144 Supornick - C

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810235 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1144S-C-1	1		< 10	10
002A	1144S-C-2	1		< 10	10
003A	1144S-C-3	1.79		< 5.6	5.6
004A	1144S-C-4	1		< 10	10
005A	1144S-C-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 10/3/18
 Address/Unit Number: 1144 Supernite # C
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1144SC-1	5	Floor	Yes	12x12	1	
-2	4	Floor	Yes	12x12	1	
-3	3	Sill	Yes	36 ³ / ₄ x7	1.79	
-4	3	Floor	Yes	12x12	1	
-5		BLANK				

Examiner Signature: *Jacob Frahm*

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1144 Supornick - D

Date Received: **10/4/2018** Date Analyzed: **10/9/2018** Date of Issue: **10/10/2018**

Analyst: **Keith Potts** Work Order: **1810236** Page: **1 of 1**

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1144S-D-1	1	< 10	< 10	10
002A	1144S-D-2	1	< 10	< 10	10
003A	1144S-D-3	2.24	< 4.5	< 4.5	4.5

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1140 Supornick #A


Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810240 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1140-S-A-1	1		< 10	10
002A	1140-S-A-2	1		< 10	10
003A	1140-S-A-3	2.72		< 3.7	3.7
004A	1140-S-A-4	1		< 10	10
005A	1140-S-A-5	1.08		< 9.3	9.3
006A	1140-S-A-6	1		< 10	10
007A	1140-S-A-7			< 20	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.



AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Lead Dust Sampling Form

(Single Surfaces)

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 01/31/19
 Address/Unit Number: 1140 Superior St #A
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
11405-A1	6	Floor	Yes (Rug)	12x12	1	
-2	5	Floor	Yes (Rug)	12x12	1	
-3	3	Sill	Yes	4x43/2	2.72	
-4	3	Floor	Yes	12x12	1	
-5	4	Sill	Yes	4x34 1/2	1.08	
-6	4	Floor	Yes	12x12	1	
-7						

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1136 Supornick - E

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810243 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1136-S-E-1	1		< 10	10
002A	1136-S-E-2	1		< 10	10
003A	1136-S-E-3	3.5		< 2.9	2.9
004A	1136-S-E-4	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
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Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1144 Supornick - B

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810237 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1144S-B-1	1		< 10	10
002A	1144S-B-2	1		< 10	10
003A	1144S-B-3	1.8		< 5.6	5.6
004A	1144S-B-4	1		< 10	10
005A	1144S-B-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1140 Supornick - E

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810238 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1140S-E-1	1		< 10	10
002A	1140S-E-2	1		< 10	10
003A	1140S-E-3	2.25		< 4.4	4.4
004A	1140S-E-4	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes
Project Number: 06731050-3

Date: 10/3/18
Address/Unit Number: 1140 Supernick #1E
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1140S-1E-1	4	Floor	Yes	12x12	1	
-2	5	Floor	Yes	12x12	1	
-3	6	Sill	Yes	4'6" x 7'2"	2.25	
-4	6	Floor	Yes	12x12	1	

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1136 Supornick - A

Date Received: 10/4/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810242 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1136-S-A-1	1		< 10	10
002A	1136-S-A-2	1		< 10	10
003A	1136-S-A-3	1.84		< 5.4	5.4
004A	1136-S-A-4	1		< 10	10
005A	1136-S-A-5	3.02		< 3.3	3.3
006A	1136-S-A-6	1		< 10	10
007A	1136-S-A-7			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Lead Dust Sampling Form


(Single Surfaces)

Page: of

Project Name: Roosevelt Homes
Project Number: 06731050-3

Date: 10/3/18
Address/Unit Number: 1136 Sumnerich #A
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1136-SA1	6	Floor	Yes	12x12	1	
-2	5	Floor	Yes	12x12	1	
-3	3	S: 11	Yes	9x29 1/2	1.84	
-4	3	Floor	Yes	12x12	1	
-5	4	S: 11	Yes	5 1/2 x 79	3.02	
-6	4	Floor	Yes	12x12	1	
-7		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1139 Supornick - A

Date Received: 10/5/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810265 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1139-S-A-1	1		< 10	10
002A	1139-S-A-2	1		< 10	10
003A	1139-S-A-3	2.44		< 4.1	4.1
004A	1139-S-A-4	1		< 10	10
005A	1139-S-A-5	0.43		< 23	23
006A	1139-S-A-6	1		12	10
007A	1139-S-A-7	0.43		< 23	23
008A	1139-S-A-8	1		17	10
009A	1139-S-A-9	0.55		< 18	18
010A	1139-S-A10	1		14	10
011A	1139-S-A11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes
Project Number: 06731050-3

Date: 10/4/18
Address/Unit Number: 1139 Supernicht #A
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1139-SA-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9 1/4 x 38	2.44	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	1 3/4 x 35	0.43	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	1 3/4 x 35	0.43	
-8	7	Floor	Yes	12x12	1	
-9	8	Sill	Yes	1 3/4 x 45	0.55	
-10	8	Floor	Yes	12x12	1	
-11		BLANK				

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1152 Supornick - H

Date Received: 10/11/2018 **Date Analyzed:** 10/15/2018 **Date of Issue:** 10/16/2018


Analyst: Keith Potts **Work Order:** 1810446 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1152-S-H-1	1		< 10	10
002A	1152-S-H-2	1		< 10	10
003A	1152-S-H-3	1.54		< 6.5	6.5
004A	1152-S-H-4	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.



AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1152 Supornick - I

Date Received: 10/11/2018 **Date Analyzed:** 10/15/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810445 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1152-S-I-1	1		< 10	10
002A	1152-S-I-2	1		< 10	10
003A	1152-S-I-3	1.3		< 7.7	7.7
004A	1152-S-I-4	1		< 10	10
005A	1152-S-I-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/10/18

Address/Unit Number: 1152 Superchief # I

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1152-SI-1	4	Floor	Yes	12x12	1	
-2	5	Floor	Yes (Rug)	12x12	1	
-3	6	Sill	Yes	5x37/2	1.30	
-4	6	Floor	Yes	12x12	1	
-5		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 1578 Jessamine - D

Date Received: 10/5/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810275 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1578-J-D-1	1		< 10	10
002A	1578-J-D-2	1		< 10	10
003A	1578-J-D-3	2.44		8.4	4.1
004A	1578-J-D-4	1		< 10	10
005A	1578-J-D-5	0.84		< 12	12
006A	1578-J-D-6	1		21	10
007A	1578-J-D-7	0.84		< 12	12
008A	1578-J-D-8	1		17	10
009A	1578-J-D-9	0.84		< 12	12
010A	1578-J-D10	1		20	10
011A	1578-J-D11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form


(Single Surfaces)

Page: | | of | |

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 10/4/18
 Address/Unit Number: 1578 Jessamine #D
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1578-J-D-1	2	FLOOR	YES	12x12	1	
-2	3	FLOOR	YES	12x12	1	
-3	1	Stair	YES	9 1/4 x 38	2.44	
-4	1	FLOOR	YES	12x12	1	
-5	6	Sill	YES	13 1/4 x 6 1/2	0.84	
-6	6	FLOOR	YES	12x12	1	
-7	7	Sill	YES	13 1/4 x 6 1/2	0.84	
-8	7	FLOOR	YES	12x12	1	
-9	8	Sill	YES	13 1/4 x 6 1/2	0.84	
-10	8	FLOOR	YES	12x12	1	
-11		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: 06731050-3
Roosevelt Homes
1152 Supornick - F

Date Received: 10/11/2018 **Date Analyzed:** 10/15/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810444 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1152-S-F-1	1	< 10	< 10	10
002A	1152-S-F-2	1	< 10	< 10	10
003A	1152-S-F-3	1.43	< 7.0	< 7.0	7.0
004A	1152-S-F-4	1	< 10	< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
PSI, Inc.



AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
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Approved Signatory
Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/19/18
Address/Unit Number: 1152 Superior #F
Risk Assessor: Jacob Frahm
License Number: LRS431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1152-SF-1	5	Floor	Yes	12x12	1	
-2	4	Floor	Yes	12x12	1	
-3	3	Sill	Yes	7 1/4 x 28 1/2	1.43	
-4	3	Floor	Yes	12x12	1	

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1589 Jessamine - D

Date Received: 10/5/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810276 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1589-J-D-1	1		< 10	10
002A	1589-J-D-2	1		< 10	10
003A	1589-J-D-3	2.31		13	4.3
004A	1589-J-D-4	1		25	10
005A	1589-J-D-5	0.42		< 24	24
006A	1589-J-D-6	1		< 10	10
007A	1589-J-D-7	0.42		< 24	24
008A	1589-J-D-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1152 Supornick - B

Date Received: 10/11/2018 **Date Analyzed:** 10/15/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810443 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1152-S-B-1	1		< 10	10
002A	1152-S-B-2	1		< 10	10
003A	1152-S-B-3	1.85		< 5.4	5.4
004A	1152-S-B-4	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/20/18

Address/Unit Number: 1152 Supernicht #B

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1152-5-B-1		Floor	YES	12x12	1	
-2		Floor	YES	12x12	1	
-3		Wall	YES	72x35 1/2	1.85	
-4		Floor	YES	12x12	1	

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1152 Supornick - A

Date Received: 10/11/2018 **Date Analyzed:** 10/12/2018 **Date of Issue:** 10/12/2018

Analyst: Keith Potts **Work Order:** 1810442 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1152-S-A-1	1		< 10	10
002A	1152-S-A-2	1		< 10	10
003A	1152-S-A-3	3		< 3.3	3.3
004A	1152-S-A-4	1		< 10	10
005A	1152-S-A-5	2.28		6.5	4.4
006A	1152-S-A-6	1		< 10	10
007A	1152-S-A-7			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Lead Dust Sampling Form
(Single Surfaces)

Page: / of /

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/21/18

Address/Unit Number: 152 S. Spruce St #A

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
152-SA-1	6	Floor	Yes	12x12	1	
-2	5	Floor	Yes	12x12	1	
-3	4	Sill	Yes	6x72	3	
-4	4	Floor	Yes	12x12	1	
-5	9	Sill	Yes	24x35 1/2	2.28	
-6	3	Floor	Yes	12x12	1	
-7		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1585 Jessamine - D

Date Received: 10/5/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810277 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1585-J-D-1	1		< 10	10
002A	1585-J-D-2	1		< 10	10
003A	1585-J-D-3	2.44		< 4.1	4.1
004A	1585-J-D-4	1		15	10
005A	1585-J-D-5	0.43		< 23	23
006A	1585-J-D-6	1		< 10	10
007A	1585-J-D-7	0.43		< 23	23
008A	1585-J-D-8	1		< 10	10
009A	1585-J-D-9	0.31		< 32	32
010A	1585-J-D-10	1		< 10	10
011A	1585-J-D-11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

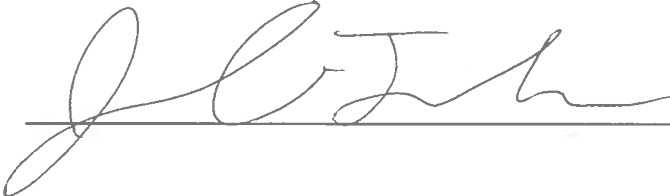
Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/4/18
 Address/Unit Number: 1585 Jessamine #10
 Risk Assessor: Jacob Frahm
 License Number: LRS431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1585-J-01	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9 1/4 x 38	2.44	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	1 3/4 x 35	0.43	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	1 3/4 x 35	0.43	
-8	7	Floor	Yes	12x12	1	
-9	8	Sill	Yes	1 3/4 x 25 1/2	0.30	
-10	8	Floor	Yes	12x12	1	
-11		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1148 Supornick - G

Date Received: 10/11/2018 **Date Analyzed:** 10/12/2018 **Date of Issue:** 10/12/2018

Analyst: Keith Potts **Work Order:** 1810441 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1148-S-G-1	1		< 10	10
002A	1148-S-G-2	1		< 10	10
003A	1148-S-G-3	3.78		< 2.6	2.6
004A	1148-S-G-4	1		< 10	10
005A	1148-S-G-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
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Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: / of /

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/10/18
Address/Unit Number: 1148 Supernicht #6
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1148-5-6-1	5	FLOOR	YES	12x12	1	
-2	5	FLOOR	YES	12x12	1	
-3	3	Sill	YES	7x7.5	3.78	
-4	3	FLOOR	YES	12x12	1	
-5		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1585 Jessamine - B

Date Received: 10/5/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810278 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1585-J-B-1	1		< 10	10
002A	1585-J-B-2	1		< 10	10
003A	1585-J-B-3	2.47		< 4.0	4.0
004A	1585-J-B-4	1		< 10	10
005A	1585-J-B-5	0.84		< 12	12
006A	1585-J-B-6	1		< 10	10
007A	1585-J-B-7	0.84		< 12	12
008A	1585-J-B-8	1		< 10	10
009A	1585-J-B-9	0.31		< 32	32
010A	1585-J-B10	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/4/18

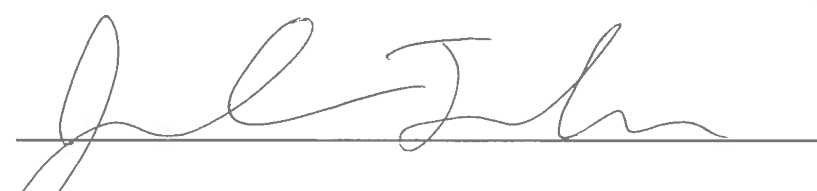
Address/Unit Number: 1585 Jessamine #B

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1585-JB-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9 1/2 x 37 1/2	2.47	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	13 1/4 x 69 1/2	0.84	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	13 1/4 x 69 1/2	0.84	
-8	7	Floor	Yes	12x12	1	
-9	8	Sill	Yes	13 1/4 x 25 1/2	0.31	
-10	8	Floor	Yes	12x12	1	

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1148 Supornick - F

Date Received: 10/11/2018 **Date Analyzed:** 10/15/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810440 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1148-S-F-1	1		< 10	10
002A	1148-S-F-2	1		< 10	10
003A	1148-S-F-3	1.64		< 6.1	6.1
004A	1148-S-F-4	1		14	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.



AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1148 Supornick - E

Date Received: 10/11/2018 **Date Analyzed:** 10/12/2018 **Date of Issue:** 10/12/2018

Analyst: Keith Potts **Work Order:** 1810439 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1148-S-E-1	1		< 10	10
002A	1148-S-E-2	1		< 10	10
003A	1148-S-E-3	2.38		< 4.2	4.2
004A	1148-S-E-4	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Lead Dust Sampling Form

(Single Surfaces)

Page: / of)

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/10/18
Address/Unit Number: 1148 Superior #E
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1148-S-E-1	4	Floor	Yes	12x12	1	
-2	5	Floor	Yes	12x12	1	
-3	6	Sill	Yes	47x70	2.38	
-4	6	Floor	Yes	12x12	1	

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1585 Jessamine - A

Date Received: 10/5/2018 **Date Analyzed:** 10/9/2018 **Date of Issue:** 10/10/2018

Analyst: Keith Potts **Work Order:** 1810279 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1585-J-A-1	1		< 10	10
002A	1585-J-A-2	1		< 10	10
003A	1585-J-A-3	2.38		< 4.2	4.2
004A	1585-J-A-4	1		< 10	10
005A	1585-J-A-5	0.84		< 12	12
006A	1585-J-A-6	1		< 10	10
007A	1585-J-A-7	0.84		< 12	12
008A	1585-J-A-8	1		< 10	10
009A	1585-J-A-9	0.57		< 18	18
010A	1585-J-A10	1		< 10	10
011A	1585-J-A11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

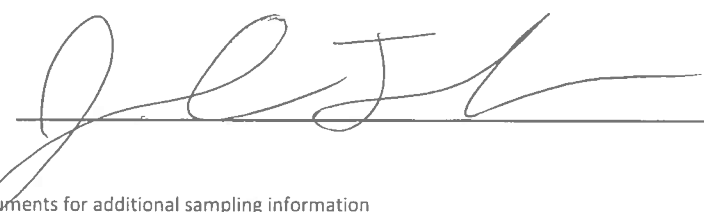
(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes
Project Number: 06731050-3

Date: 10/4/18
Address/Unit Number: 1585 Jessamine #4
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1585-JA-1	3	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9x38	2.38	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	13/4x69/2	0.84	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	13/4x69/2	0.84	
-8	7	Floor	Yes	12x12	1	
-9	8	Sill	Yes	13/4x47	0.57	
-10	8	Floor	Yes	12x12	1	
-11		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1148 Supornick - B

Date Received: 10/11/2018 **Date Analyzed:** 10/12/2018 **Date of Issue:** 10/12/2018

Analyst: Keith Potts **Work Order:** 1810438 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1148-S-B-1	1		< 10	10
002A	1148-S-B-2	1		< 10	10
003A	1148-S-B-3	3.2		< 3.1	3.1
004A	1148-S-B-4	1		< 10	10
005A	1148-S-B-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1577 Jessamine - A

Date Received: 10/5/2018 **Date Analyzed:** 10/10/2018 **Date of Issue:** 10/11/2018

Analyst: Keith Potts **Work Order:** 1810281 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1577-J-A-1	1		< 10	10
002A	1577-J-A-2	1		< 10	10
003A	1577-J-A-3	2.27		7.5	4.4
004A	1577-J-A-4	1		< 10	10
005A	1577-J-A-5	0.84		< 12	12
006A	1577-J-A-6	1		< 10	10
007A	1577-J-A-7	0.43		< 23	23
008A	1577-J-A-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/4/18

Address/Unit Number: 1577 Jossamine #A

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1577JA1	2	Floor	YES	12x12	1	
-2	3	Floor	YES	12x12	1	
-3	1	Stair	YES	8'6" x 58"6"	2.77	
-4	1	Floor	YES	12x12	1	
-5	6	Sill	YES	1'3/4" x 69'1/2"	0.84	
-6	6	Floor	YES	12x12	1	
-7	7	Sill	YES	1'3/4" x 35"	0.43	
-8	7	Floor	YES	12x12	1	

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1148 Supornick - A

Date Received: 10/11/2018 **Date Analyzed:** 10/12/2018 **Date of Issue:** 10/12/2018

Analyst: Keith Potts **Work Order:** 1810437 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1148-S-A-1	1		< 10	10
002A	1148-S-A-2	1		< 10	10
003A	1148-S-A-3	2.16		< 4.6	4.6
004A	1148-S-A-4	1		< 10	10
005A	1148-S-A-5	2.16		< 4.6	4.6
006A	1148-S-A-6	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Lead Dust Sampling Form

(Single Surfaces)


Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/10/18
Address/Unit Number: 1148 Superior St #A
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
<u>1148-SA-1</u>	<u>6</u>	<u>Floor</u>	<u>Yes</u>	<u>12x12</u>	<u>1</u>	
<u>-2</u>	<u>5</u>	<u>Floor</u>	<u>Yes</u>	<u>12x12</u>	<u>1</u>	
<u>-3</u>	<u>4</u>	<u>Sill</u>	<u>Yes</u>	<u>9x34 1/2</u>	<u>2.16</u>	
<u>-4</u>	<u>4</u>	<u>Floor</u>	<u>Yes</u>	<u>12x12</u>	<u>1</u>	
<u>-5</u>	<u>3</u>	<u>Sill</u>	<u>Yes</u>	<u>9x34 1/2</u>	<u>2.16</u>	
<u>-6</u>	<u>3</u>	<u>Floor</u>	<u>Yes</u>	<u>12x12</u>	<u>1</u>	

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1553 Fellows - B

Date Received: 10/15/2018 **Date Analyzed:** 10/16/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810527 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1553-F-B-1	1		< 10	10
002A	1553-F-B-2	1		< 10	10
003A	1553-F-B-3	2.38		< 4.2	4.2
004A	1553-F-B-4	1		< 10	10
005A	1553-F-B-5	0.94		< 11	11
006A	1553-F-B-6	1		10	10
007A	1553-F-B-7	0.94		< 11	11
008A	1553-F-B-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: () of ()

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 10/11/18
 Address/Unit Number: 1553 Fellows #B
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1553-FB-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9x38	2.38	
-4	1	Floor	Yes	12x12	1	
-5	6	S:11	Yes	22x54	0.94	
-6	6	Floor	Yes	12x12	1	
-7	7	S:11	Yes	22x67/2	0.94	
-8	7	Floor	Yes	12x12	1	

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1184 Supornick - B

Date Received: 10/15/2018 **Date Analyzed:** 10/16/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810525 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1184-S-B-1	1		< 10	10
002A	1184-S-B-2	1		< 10	10
003A	1184-S-B-3	2.25		< 4.4	4.4
004A	1184-S-B-4	1		< 10	10
005A	1184-S-B-5	1.09		< 9.2	9.2
006A	1184-S-B-6	1		< 10	10
007A	1184-S-B-7	2		< 5.0	5.0
008A	1184-S-B-8	1		< 10	10
009A	1184-S-B-9	2		< 5.0	5.0
010A	1184-S-B-10	1		< 10	10
011A	1184-S-B-11	1.5		< 6.7	6.7
012A	1184-S-B-12	1		< 10	10
013A	1184-S-B-13		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: of

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 11/18
 Address/Unit Number: 1184 Sepornich #B
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1184-5-B-1	2	Floor	Yes	12x12	1	
-2	5	Floor	Yes	12x12	1	
-3	1	Stair	Yes	4x36	2.25	
-4	1	Floor	Yes	12x12	1	
-5	9	Sill	Yes	4x35	1.09	
-6	9	Floor	Yes	12x12	1	
-7	10	Sill	Yes	4x72	2	
-8	10	Floor	Yes	12x12	1	
-9	11	Sill	Yes	4x72	2	
-10	11	Floor	Yes	12x12	1	
-11	4	Sill	Yes	3x72	1.5	
-12	4	Floor	Yes	12x12	1	
-13		BLANK				

Examiner Signature: _____

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1557 Fellows - D

Date Received: 10/15/2018 **Date Analyzed:** 10/16/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810526 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1557-F-D-1	1		< 10	10
002A	1557-F-D-2	1		< 10	10
003A	1557-F-D-3	2.34		< 4.3	4.3
004A	1557-F-D-4	1		< 10	10
005A	1557-F-D-5	0.66		< 15	15
006A	1557-F-D-6	1		< 10	10
007A	1557-F-D-7	0.97		< 10	10
008A	1557-F-D-8	1		< 10	10
009A	1557-F-D-9			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: Roosevelt Homes
Project Number: 06731050-3

Date: 10/11/18
Address/Unit Number: 1557 Fellows #D
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1557-F-D-1	2	Floor	Yes	12x12	1	
-2	3	Floor	No (carpet)	12x12	1	
-3	1	Stair	Yes	9x37 1/2	2.34	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	2x47 1/2	0.66	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	2x70	0.97	
-8	7	Floor	Yes	12x12	1	
-9		BLANK				

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1553 Fellows - D

Date Received: 10/15/2018 **Date Analyzed:** 10/16/2018 **Date of Issue:** 10/16/2018

Analyst: Keith Potts **Work Order:** 1810528 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1553-F-D-1	1		< 10	10
002A	1553-F-D-2	1		< 10	10
003A	1553-F-D-3	2.25		< 4.4	4.4
004A	1553-F-D-4	1		< 10	10
005A	1553-F-D-5	0.49		< 20	20
006A	1553-F-D-6	1		< 10	10
007A	1553-F-D-7	0.97		< 10	10
008A	1553-F-D-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1594 Maryland - C

Date Received: 10/15/2018 **Date Analyzed:** 10/17/2018 **Date of Issue:** 10/17/2018

Analyst: Keith Potts **Work Order:** 1810530 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1594-M-C-1	1		< 10	10
002A	1594-M-C-2	1		< 10	10
003A	1594-M-C-3	2.25		< 4.4	4.4
004A	1594-M-C-4	1		< 10	10
005A	1594-M-C-5	0.74		< 14	14
006A	1594-M-C-6	1		< 10	10
007A	1594-M-C-7	0.97		< 10	10
008A	1594-M-C-8	1		< 10	10
009A	1594-M-C-9		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: of

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/22/18
 Address/Unit Number: 1594 Maryland #2
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1594-MC-1	2	Floor	YES	12x12	1	
-2	3	Floor	YES	12x12	1	
-3	1	Stair	YES	9x36	2.25	
-4	1	Floor	YES	12x12	1	
-5	6	Sill	YES	2x53 1/2	0.74	
-6	6	Floor	YES	12x12	1	
-7	7	Sill	YES	2x69 1/2	0.97	
-8	7	Floor	YES	12x12	1	
-9		BLANK				

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1553 Fellows - C

Date Received: 10/15/2018 **Date Analyzed:** 10/17/2018 **Date of Issue:** 10/17/2018

Analyst: Keith Potts **Work Order:** 1810529 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1553-F-C-1	1		< 10	10
002A	1553-F-C-2	1		< 10	10
003A	1553-F-C-3	2.38		4.8	4.2
004A	1553-F-C-4	1		< 10	10
005A	1553-F-C-5	0.75		< 13	13
006A	1553-F-C-6	1		< 10	10
007A	1553-F-C-7	0.49		< 20	20
008A	1553-F-C-8	1		10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

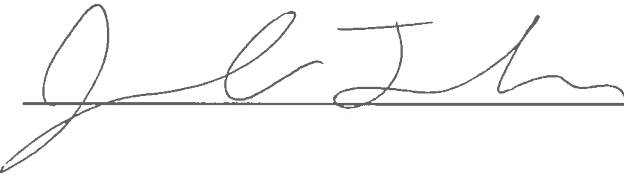
(Single Surfaces)

Page: / of /

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 10/11/18
 Address/Unit Number: 1553 Fellows #C
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1553-F-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9x38	2.38	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	2x54	0.75	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	2x35	0.49	
-8	7	Floor	Yes	12x12	1	
-9		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1553 Jessamine - D

Date Received: 10/3/2018 **Date Analyzed:** 10/8/2018 **Date of Issue:** 10/8/2018

Analyst: Keith Potts **Work Order:** 1810174 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1553-J-D-1	1		< 10	10
002A	1553-J-D-2	1		< 10	10
003A	1553-J-D-3	2.4		< 4.2	4.2
004A	1553-J-D-4	1		< 10	10
005A	1553-J-D-5	0.84		< 12	12
006A	1553-J-D-6	1		< 10	10
007A	1553-J-D-7	0.84		< 12	12
008A	1553-J-D-8	1		< 10	10
009A	1553-J-D-9	0.57		< 18	18
010A	1553-J-D10	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.



AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

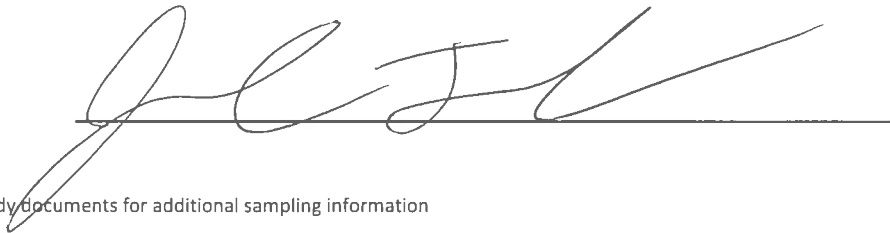
(Single Surfaces)

Page: 1 of 1

Project Name: Roosevelt Homes
 Project Number: 06731050-3

Date: 10/2/18
 Address/Unit Number: 1553 Jessamine #1
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1553J-D-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9'4" x 37"	2.4	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	13/4" x 69"	0.84	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	13/4" x 69"	0.84	
-8	7	Floor	Yes	12x12	1	
-9	8	Sill	Yes	13/4" x 46"	0.57	
-10	8	Floor	Yes	12x12	1	

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1553 Jessamine - B

Date Received: 10/5/2018 **Date Analyzed:** 10/10/2018 **Date of Issue:** 10/11/2018

Analyst: Keith Potts **Work Order:** 1810282 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1553-J-B-1	1		< 10	10
002A	1553-J-B-2	1		< 10	10
003A	1553-J-B-3	2.38		< 4.2	4.2
004A	1553-J-B-4	1		< 10	10
005A	1553-J-B-5	0.84		< 12	12
006A	1553-J-B-6	1		< 10	10
007A	1553-J-B-7	0.43		< 23	23
008A	1553-J-B-8	1		< 10	10
009A	1553-J-B-9	0.43		< 23	23
010A	1553-J-B10	1		< 10	10
011A	1553-J-B11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: () of ()

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/4/18

Address/Unit Number: 1553 Jessamine # B

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
L553J-B1	2	Floor	Yes (Rug)	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	38x9	2.38	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes (Rug)	13 1/4 x 6 9/16	0.84	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	13 1/4 x 3 5/8	0.43	
-8	7	Floor	Yes (Rug)	12x12	1	
-9	8	Sill	Yes	13 1/4 x 3 5/8	0.43	
-10	8	Floor	Yes	12x12	1	
-11						

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1144 Supornick - I

Date Received: 10/11/2018 **Date Analyzed:** 10/12/2018 **Date of Issue:** 10/12/2018

Analyst: Keith Potts **Work Order:** 1810436 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1144-S-I-1	1		< 10	10
002A	1144-S-I-2	1		< 10	10
003A	1144-S-I-3	1.67		< 6.0	6.0
004A	1144-S-I-4	1		< 10	10
005A	1144-S-I-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

All quality control sample results are within the acceptance range, unless noted.
 All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
 Client submitted data is the determining factor in the accuracy of calculated results.
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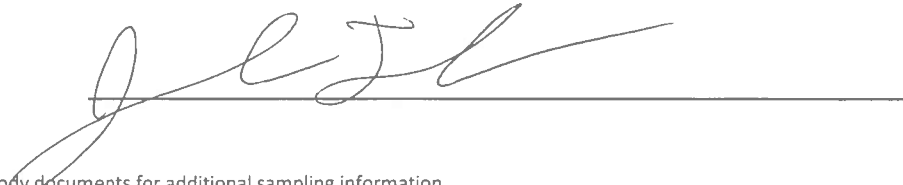
Lead Dust Sampling Form

(Single Surfaces)

Page:	of
Project Name:	Roosevelt Homes
Project Number:	06731050-3

Date: 10/10/18
Address/Unit Number: 1144 Superior #1
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1144-SI-1	4	Floor	YES	12x12	1	
-2	5	Floor	YES	12x12	1	
-3	6	Sill	YES	7.5x32	1.67	
-4	6	Floor	YES	12x12	1	
-5		BLANK				

Examiner Signature: 

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1553 Jessamine - C

Date Received: 10/3/2018 **Date Analyzed:** 10/8/2018 **Date of Issue:** 10/8/2018

Analyst: Keith Potts **Work Order:** 1810176 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1553-J-C-1	1		< 10	10
002A	1553-J-C-2	1		< 10	10
003A	1553-J-C-3	2.38		< 4.2	4.2
004A	1553-J-C-4	1		< 10	10
005A	1553-J-C-5	0.84		< 12	12
006A	1553-J-C-6	1		< 10	10
007A	1553-J-C-7	0.84		< 12	12
008A	1553-J-C-8	1		< 10	10
009A	1553-J-C-9	0.84		< 12	12
010A	1553-J-C10	1		< 10	10
011A	1553-J-C11			< 10	

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1561 Jessamine - D

Date Received: 10/3/2018 **Date Analyzed:** 10/8/2018 **Date of Issue:** 10/8/2018

Analyst: Keith Potts **Work Order:** 1810172 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1561-J-D-1	1		< 10	10
002A	1561-J-D-2	1		< 10	10
003A	1561-J-D-3	2.39		< 4.2	4.2
004A	1561-J-D-4	1		< 10	10
005A	1561-J-D-5	0.84		< 12	12
006A	1561-J-D-6	1		< 10	10
007A	1561-J-D-7	0.43		< 23	23
008A	1561-J-D-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1561 Jessamine - E

Date Received: 10/3/2018 **Date Analyzed:** 10/8/2018 **Date of Issue:** 10/8/2018

Analyst: Keith Potts **Work Order:** 1810170 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1561-J-E-1	1		< 10	10
002A	1561-J-E-2	1		< 10	10
003A	1561-J-E-3	2.25		14	4.4
004A	1561-J-E-4	1		< 10	10
005A	1561-J-E-5	0.44		< 23	23
006A	1561-J-E-6	1		< 10	10
007A	1561-J-E-7	0.68		< 15	15
008A	1561-J-E-8	1		< 10	10
009A	1561-J-E-9		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page:		of	
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Project Name:	Roosevelt Homes
Project Number:	06731050-3

Date: 10/2/18
 Address/Unit Number: 1561 Jessamine #E
 Risk Assessor: Jacob Frahm
 License Number: LR5431
 Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
1561J-E-1	2	Floor	Yes	12x12	1	
-2	3	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9x36	2.25	
-4	1	Floor	Yes	12x12	1	
-5	6	Sill	Yes	13/4x36	0.44	
-6	6	Floor	Yes	12x12	1	
-7	7	Sill	Yes	13/4x36	0.68	
-8	7	Floor	Yes	12x12	1	
-9		BLANK				

Examiner Signature:

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1593 Jessamine - B

Date Received: 10/3/2018 **Date Analyzed:** 10/8/2018 **Date of Issue:** 10/8/2018

Analyst: Keith Potts **Work Order:** 1810167 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1593-J-B-1	1		< 10	10
002A	1593-J-B-2	1		< 10	10
003A	1593-J-B-3	2.16		< 4.6	4.6
004A	1593-J-B-4	1		< 10	10
005A	1593-J-B-5	0.85		< 12	12
006A	1593-J-B-6	1		< 10	10
007A	1593-J-B-7	0.85		< 12	12
008A	1593-J-B-8	1		< 10	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1136 Supornick #C

Date Received: 10/3/2018 **Date Analyzed:** 10/8/2018 **Date of Issue:** 10/8/2018

Analyst: Keith Potts **Work Order:** 1810165 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1136-S-C-1	1		< 10	10
002A	1136-S-C-2	1		< 10	10
003A	1136-S-C-3	2.5		< 4.0	4.0
004A	1136-S-C-4	1		< 10	10
005A	1136-S-C-5		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
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Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: Roosevelt Homes

Project Number: 06731050-3

Date: 10/2/18

Address/Unit Number: 11376 Supernicht #C

Risk Assessor: Jacob Frahm

License Number: LR5431

Name of Property Owner: PHA of the City of St. Paul

Sample Number	Room Equivalent	Surface Type	Is Surface Smooth and Cleanable?	Dimensions of Sample Area (inches x inches)	Area (ft ²)	Laboratory Analytical Results (mg/ft ²)
11365-C-1	5	Floor	Yes	12x12	1	
-2	4	Floor	Yes	12x12	1	
-3	3	Sill	Yes	5x7.2	2.5	
-4	3	Floor	Yes	12x12	1	
-5		BLANK				

Examiner Signature: _____

NOTE: Please refer to chain-of-custody documents for additional sampling information

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1132 Supornick #F

Date Received: 10/3/2018 **Date Analyzed:** 10/5/2018 **Date of Issue:** 10/5/2018

Analyst: Keith Potts **Work Order:** 1810163 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1132-S-F-1	1		< 10	10
002A	1132-S-F-2	1		< 10	10
003A	1132-S-F-3	1.63		< 6.1	6.1
004A	1132-S-F-4	1		11	10

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Approved Signatory
 Cathy McNamee

Analytical Report
Analysis of Wipe for Lead Determination

TESTED FOR: PSI, Inc.
 2915 Waters Road Suite 112
 Eagan, MN 55121
 Attn: Jacob Frahm

Project ID: 06731050-3
 Roosevelt Homes
 1561 Jessamine #B

Date Received: 10/3/2018 **Date Analyzed:** 10/5/2018 **Date of Issue:** 10/5/2018

Analyst: Keith Potts **Work Order:** 1810162 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1561-J-B-1	1		< 10	10
002A	1561-J-B-2	1		< 10	10
003A	1561-J-B-3	2.46		< 4.1	4.1
004A	1561-J-B-4	1		< 10	10
005A	1561-J-B-5	0.66		< 15	15
006A	1561-J-B-6	1		< 10	10
007A	1561-J-B-7	0.84		< 12	12
008A	1561-J-B-8	1		< 10	10
009A	1561-J-B-9		< 10		

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
 PSI WI-507 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.
 Reporting limit = 10µg Pb/Area sampled (ft²)

Respectfully submitted,
 PSI, Inc.

Cathy McNamee

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
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Approved Signatory
 Cathy McNamee

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Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes

Date Received: **10/3/2018** Date Analyzed: **10/4/2018** Date of Issue: **10/4/2018**


Analyst: **Keith Potts** Work Order: **1810124** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1553-J-BS	33	20
002A	1553-J-DS	21	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810124

Project Information	
Project Name:	Roosevelt
Project No:	06731050-3
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynch@psiusa.com jacob.frahm@psiusa.com michael.jaden@psiusa.com

PSI Information
To Build On
Engineering • Consulting • Testing

IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Company:	IOB-0673	Send Invoice To:
Attn:	Accounts Payable	
Address:		
Telephone:		
Email:		

Requested Turnaround Time:		
Same Day	1-2 Day	3-5 Day
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Requested Date:		10/9/2018

Stop at First Positive	
Y	N
<input type="checkbox"/>	<input type="checkbox"/>

Laboratory Use Only	
Y	N
<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Samples In Acceptable Condition:	
Comments:	
Shipping Charges Apply:	

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHRA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1593-J-(BS & DS)	2						X																		
1585-J-SB	1						X																		
1561-J-B-(1-9)	9				X																				
1561-J-D-(1-8)	8				X																				
1561-J-E-(1-9)	9				X																				
1593-J-B-(1-8)	8				X																				
1128-S-B-(1-5)	5				X																				

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/2/2018	<i>J. Lynch</i>	10/3/18

Analyst Name:	Analyst Signature:

Special Instructions / Comments: See additional documents for sampling area

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes

Date Received: **10/3/2018** Date Analyzed: **10/4/2018** Date of Issue: **10/4/2018**

Analyst: **Keith Potts** Work Order: **1810125** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1585-J-SB	< 20	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
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Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810125



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt
Project No.:	06731050-3
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynn@psiusa.com; jacob.frahm@psiusa.com; michael.jaden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:	
Same Day	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	10/9/2018

Stop at first Positive	
Y	<input type="checkbox"/>
N	<input type="checkbox"/>

Laboratory Use Only	
Y	<input checked="" type="checkbox"/>
N	<input type="checkbox"/>
All Samples In Acceptable Condition: <input type="checkbox"/>	
Comments: <input type="checkbox"/>	
Shipping Charges Apply: <input checked="" type="checkbox"/>	

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Frable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1593-J-(BS & DS)	2						X																		
1585-J-SB	1						X																		
1561-J-B-(1-9)	9				X																				
1561-J-D-(1-8)	8				X																				
1561-J-E-(1-9)	9				X																				
1593-J-B-(1-8)	8				X																				
1128-S-B-(1-5)	5				X																				

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/2/2018	Juwenski	10/3/18 9:15

Analyst Name:	Analyst Signature:

Special Instructions / Comments: See additional documents for sampling area

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes

Date Received: **10/3/2018** Date Analyzed: **10/4/2018** Date of Issue: **10/4/2018**

Analyst: **Keith Potts** Work Order: **1810126** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1585-J-BS	< 20	20
002A	1585-J-DS	29	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
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All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
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Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810126

Project Information

Project Name: Roosevelt
 Project No: 06731050-3
 PO Number:
 Sample Date:



IH Laboratory
 850 Poplar Street
 Pittsburgh, PA 15220
 412-922-4001 ext. 228/425

Send Results To:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-846-8148
 Email: john.lynch@psiusa.com, jacob.frahm@psiusa.com, michael.ljaden@psiusa.com

Send Invoice To:

Company: IOB-0873
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day: 1-2 Day: 3-5 Day: Requested Date: 10/9/2018

Stop at First Positive

Y: N:

Laboratory Use Only

All Samples In Acceptable Condition: Y N
 Comments:
 Shipping Charges Apply:

Parameter

Sample ID	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-J-C-(1-11)	11				X																				
1553-J-D-(1-10)	10				X																				
1553-J-(BS & DS)	2					X	X																		
1561-J-(BS & DS)	2					X	X																		
1577-J-(BS-DS)	2					X	X																		
1585-J-(BS & DS)	2					X	X																		
1589-J-(BS&DS)	2					X	X																		

Relinquished by

Date/Time

Received by

Date/Time

Jacob Frahm/PSI
 10/2/2018
 [Signature]
 10/3/18

Analyst Signature:

Analyst Name:

See additional documents for sampling area

Special Instructions / Comments:

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes

Date Received: **10/3/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**


Analyst: **Keith Potts** Work Order: **1810127** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1589-J-BS	42	20
002A	1589-J-DS	< 20	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810127

Project Information

Project Name: Roosevelt
 Project No: 06731050-3
 PO Number:
 Sample Date:



IH Laboratory
 850 Poplar Street
 Pittsburgh, PA 15220
 412-922-4001 ext. 228/425

Send Results To:
 Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-846-8148
 Email: john.lynn@psiusa.com, jacob.frahm@psiusa.com, michael.laden@psiusa.com

Send Invoice To:
 Company: IOB-0673
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:
 Same Day 1-2 Day 3-5 Day Requested Date: 10/9/2018

Stop at First Positive
 Y N

Laboratory Use Only
 All Samples in Acceptable Condition: Y N
 Comments:
 Shipping Charges Apply:

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-J-C-(1-11)	11				X																				
1553-J-D-(1-10)	10				X																				
1553-J-(BS & DS)	2					X	X																		
1561-J-(BS & DS)	2					X	X																		
1577-J-(BS-DS)	2					X	X																		
1585-J-(BS & DS)	2					X	X																		
1589-J-(BS&DS)	2					X	X																		

Relinquished by: Jacob Frahm/PSI
 Date/Time: 10/2/2018
 Received by: J. Mersel
 Date/Time: 10/3/18

Analyst Name:
 Analyst Signature:

Special Instructions / Comments: See additional documents for sampling area

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes

Date Received: **10/3/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**


Analyst: **Keith Potts** Work Order: **1810128** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1577-J-BS	22	20
002A	1577-J-DS	< 20	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

1810128

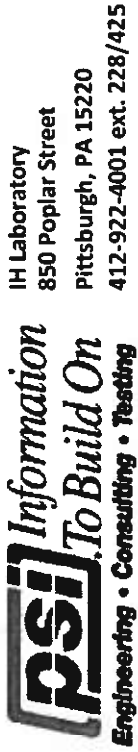
CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information

Project Name: Roosevelt
 Project No: 06731050-3
 PO Number:
 Sample Date:

Send Results To:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lynch@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com



IH Laboratory
 850 Poplar Street
 Pittsburgh, PA 15220
 412-922-4001 ext. 228/425

Send Invoice To:

Company: IOB-0873
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day Requested Date: 10/9/2018

Stop at First Positive

Y N

Laboratory Use Only

All Samples In Acceptable Condition: Y N
 Comments:
 Shipping Charges Apply:

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-J-C-(1-11)	11				X																				
1553-J-D-(1-10)	10				X																				
1553-J-(BS & DS)	2					X	X																		
1561-J-(BS & DS)	2					X	X																		
1577-J-(BS-DS)	2					X	X																		
1585-J-(BS & DS)	2					X	X																		
1589-J-(BS&DS)	2					X	X																		

Relinquished by
 Jacob Frahm/PSI

Date/Time
 10/2/2018

Received by
 Sumerski

Date/Time
 10/3/18

Analyst Name:

Analyst Signature:

Special Instructions / Comments: See additional documents for sampling area

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1553-J

Date Received: **10/3/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**

Analyst: **Keith Potts** Work Order: **1810129** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1553-J-BS	< 20	20
002A	1553-J-DS	28	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

1810129

CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information

Project Name: Roosevelt
 Project No: 06731050-3
 PO Number:
 Sample Date:

PSI Information
To Build On
 Engineering • Consulting • Testing

IH Laboratory
 850 Poplar Street
 Pittsburgh, PA 15220
 412-922-4001 ext. 228/425

Send Results To:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Walters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lyncr@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:

Company: IOB-0673
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day	1-2 Day	3-5 Day	Requested Date:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/9/2018

Stop at First Positive

Y	N
<input type="checkbox"/>	<input type="checkbox"/>

Laboratory Use Only

All Samples In Acceptable Condition: Y N

Comments:
 Shipping Charges Apply:

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-J-C-(1-11)	11				X																				
1553-J-D-(1-10)	10				X																				
1553-J-(BS & DS)	2					X																			
1561-J-(BS & DS)	2					X																			
1577-J-(BS-DS)	2					X																			
1585-J-(BS & DS)	2					X																			
1589-J-(BS&DS)	2					X																			

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/2/2018	<i>J. Frahm</i>	10/3/18

Analyst Name: _____ Analyst Signature: _____

Special Instructions / Comments: See additional documents for sampling area

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1561-J

Date Received: **10/3/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**

Analyst: **Keith Potts** Work Order: **1810130** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1561-J-BS	34	20
002A	1561-J-DS	< 20	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810130



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt
Project No.:	06731050-3
PO Number:	
Sample Date:	

Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lync@psiusa.com jacob.frahm@psiusa.com michael.laden@psiusa.com

Send Invoice To:	
Company:	IOB-0873
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:			
Same Day	1-2 Day	3-5 Day	Requested Date:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/9/2018

Stop at First Positive	
Y	N
<input type="checkbox"/>	<input type="checkbox"/>

Laboratory Use Only	
All Samples In Acceptable Condition:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Shipping Charges Apply:	<input type="checkbox"/>

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-J-C-(1-11)	11				X																				
1553-J-D-(1-10)	10				X																				
1553-J-(BS & DS)	2					X	X																		
1561-J-(BS & DS)	2					X	X																		
1577-J-(BS-DS)	2					X	X																		
1585-J-(BS & DS)	2					X	X																		
1589-J-(BS&DS)	2					X	X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/2/2018	<i>Jacob Frahm</i>	10/3/18

Analyst Name:	Analyst Signature:
	<i>Jacob Frahm</i>

Special Instructions / Comments: See additional documents for sampling area

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1144-S

Date Received: **10/4/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**

Analyst: **Keith Potts** Work Order: **1810229** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1144-S-BS	78	20
002A	1144-S-DS	49	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
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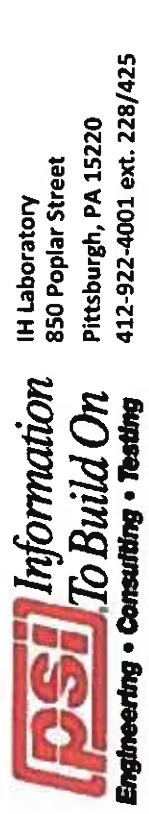
Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810229



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information

Project Name: Roosevelt Homes
 Project No: 06731050-3
 PO Number:
 Sample Date:

Send Results To:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lynn@psiusa.com, jacob.frahm@psiusa.com, michael.jaden@psiusa.com

Send Invoice To:

Company: IOB-0673
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day

Requested Date: 10/10/2018

Stop at First Positive

Y N

Laboratory Use Only

All Samples In Acceptable Condition: Y N

Comments:
 Shipping Charges Apply:

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1144-S-(BS & DS)	2						X																		

Relinquished by: Jacob Frahm/PSI

Date/Time: 10/3/2018

Received by: *Jacob Frahm*

Date/Time: 10/4/18

Analyst Name:

Analyst Signature:

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1128-S

Date Received: **10/4/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**


Analyst: **Keith Potts** Work Order: **1810230** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1128-S-BS	39	20
002A	1128-S-DS	51	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

1810230

CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information

Project Name: Roosevelt Homes
 Project No: 06731050-3
 PO Number:
 Sample Date:



IH Laboratory
 850 Poplar Street
 Pittsburgh, PA 15220
 412-922-4001 ext. 228/425

Send Results To:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lyndt@psiusa.com, jacob.frahm@psiusa.com, michael.ljaden@psiusa.com

Send Invoice To:

Company: IOB-0673
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day Requested Date: 10/10/2018

Stop at First Positive

Y N

Laboratory Use Only

All Samples in Acceptable Condition: Y N
 Comments:
 Shipping Charges Apply:

Parameter

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1144-S-D-(1-4)	4				X																				
1144-S-C-(1-5)	5				X																				
1144-S-G-(1-4)	4				X																				
1128-S-(BS & DS)	2						X																		
1132-S-(BS & DS)	2						X																		
1136-S-(BS & DS)	2						X																		
1140-S-(BS & DS)	2						X																		

Relinquished by

Jacob Frahm/PSI

Date/Time

10/3/2018

Received by

J. J. J. J.

Date/Time

10/4/18

Analyst Name:

Analyst Signature:

Special Instructions / Comments:

See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1132-S

Date Received: **10/4/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**

Analyst: **Keith Potts** Work Order: **1810231** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1132-S-BS	27	20
002A	1132-S-DS	64	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
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Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810231



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	

Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynch@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:			
Same Day	1-2 Day	3-5 Day	Requested Date:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/10/2018

Stop at First Positive	
Y	N
<input type="checkbox"/>	<input type="checkbox"/>

Laboratory Use Only	
All Samples In Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input type="checkbox"/>

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Other:
1144-S-D-(1-4)	4				X																			
1144-S-C-(1-5)	5				X																			
1144-S-G-(1-4)	4				X																			
1128-S-(BS & DS)	2					X																		
1132-S-(BS & DS)	2					X																		
1136-S-(BS & DS)	2					X																		
1140-S-(BS & DS)	2					X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/3/2018	<i>Jacob Frahm</i>	10/4/18

Analyst Name:		Analyst Signature:	
---------------	--	--------------------	--

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1140-S

Date Received: **10/4/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**

Analyst: **Keith Potts** Work Order: **1810232** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1140-S-BS	27	20
002A	1140-S-DS	48	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
Client submitted data is the determining factor in the accuracy of calculated results.
The attached Chain of Custody is incorporated into and becomes a part of the final report.
This report may not be reproduced, except in full, without written approval of PSI, Inc.

Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810232



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	

Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynch@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:			
Same Day	1-2 Day	3-5 Day	Requested Date:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/10/2018

Stop at First Positive	
Y	N
<input type="checkbox"/>	<input type="checkbox"/>

Laboratory Use Only	
All Samples in Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input checked="" type="checkbox"/>

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Other:
1144-S-D-(1-4)	4				X																			
1144-S-C-(1-5)	5				X																			
1144-S-G-(1-4)	4				X																			
1128-S-(BS & DS)	2					X																		
1132-S-(BS & DS)	2					X																		
1136-S-(BS & DS)	2					X																		
1140-S-(BS & DS)	2					X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/3/2018	Juwenskiel	10/4/18

Analyst Name:	Analyst Signature:

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1136-S

Date Received: **10/4/2018** Date Analyzed: **10/8/2018** Date of Issue: **10/9/2018**

Analyst: **Keith Potts** Work Order: **1810233** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1136-S-BS	36	20
002A	1136-S-DS	46	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810233

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynch@psiusa.com jacob.frahm@psiusa.com michael.tjader@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:			
Same Day	1-2 Day	3-5 Day	Requested Date:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/10/2018

Stop at First Positive	
Y	N
<input type="checkbox"/>	<input type="checkbox"/>

Laboratory Use Only	
All Samples in Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input type="checkbox"/>

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1144-S-D-(1-4)	4				X																				
1144-S-C-(1-5)	5				X																				
1144-S-G-(1-4)	4				X																				
1128-S-(BS & DS)	2					X																			
1132-S-(BS & DS)	2					X																			
1136-S-(BS & DS)	2					X																			
1140-S-(BS & DS)	2					X																			

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/3/2018	Jawenski	10/14/18 9:00

Analyst Name:		Analyst Signature:	
---------------	--	--------------------	--

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1578-J

Date Received: **10/5/2018** Date Analyzed: **10/10/2018** Date of Issue: **10/11/2018**

Analyst: **Keith Potts** Work Order: **1810262** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1578-J-BS	32	20
002A	1578-J-DS	24	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

Project Information

Project Name: Roosevelt Homes
 Project No: 06731050-3
 PO Number:
 Sample Date:



IH Laboratory
 850 Poplar Street
 Pittsburgh, PA 15220
 412-922-4001 ext. 228/425

Send Results To:
 Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lynych@psiusa.com jacob.frahm@psiusa.com michael.jaden@psiusa.com

Send Invoice To:
 Company: IOB-0673
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:
 Same Day 1-2 Day 3-5 Day Requested Date: 10/11/2018

Stop at First Positive
 Y N

Laboratory Use Only
 All Samples In Acceptable Condition: Y N
 Comments:
 Shipping Charges Apply:

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHRA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1139-SA(1-11)	11				X																				
4478-J(BS & DS)	2					X	X																		
1139-S-(BS & DS)	2					X	X																		

157
 SW
 10/5/18

Relinquished by: Jacob Frahm/PSI
Date/Time: 10/4/2018
Received by: [Signature]
Date/Time: 10/5/18

Analyst Name:
Analyst Signature: [Signature]

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1139-S

Date Received: **10/5/2018** Date Analyzed: **10/10/2018** Date of Issue: **10/11/2018**


Analyst: **Keith Potts** Work Order: **1810264** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1139-S-BS	25	20
002A	1139-S-DS	65	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
Client submitted data is the determining factor in the accuracy of calculated results.
The attached Chain of Custody is incorporated into and becomes a part of the final report.
This report may not be reproduced, except in full, without written approval of PSI, Inc.

Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

1810264

CHAIN OF CUSTODY - ASB/LEAD/IH



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information

Project Name: Roosevelt Homes
Project No: 06731050-3
PO Number:
Sample Date:

Send Results To:

Company: PSI
Attn: Jacob Frahm
Address: 2915 Waters Road, #112 Eagan, MN 55121
Telephone: 651-646-8148
Email: john.lynch@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:

Company: IOB-0673
Attn: Accounts Payable
Address:
Telephone:
Email:

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day Requested Date: 10/11/2018

Stop at First Positive

Y N

Laboratory Use Only

All Samples In Acceptable Condition: Y N
Comments:
Shipping Charges Apply:

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1139-S-A-(1-11)	11				X																				
1178-J-(BS & DS)	2					X																			
1139-S-(BS & DS)	2					X																			

Relinquished by: Jacob Frahm/PSI
Date/Time: 10/4/2018
Received by: *Shunskul*
Date/Time: 10/5/18

Analyst Name:
Analyst Signature:
Requested Date: 10/11/2018

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1148 S

Date Received: **10/11/2018** Date Analyzed: **10/15/2018** Date of Issue: **10/15/2018**


Analyst: **Keith Potts** Work Order: **1810418** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1148-S-DS	670	20
002A	1148-S-BS	55	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1152 S

Date Received: **10/11/2018** Date Analyzed: **10/15/2018** Date of Issue: **10/15/2018**


Analyst: **Keith Potts** Work Order: **1810419** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1152-S-DS	31	20
002A	1152-S-BS	36	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810419

Project Information

Project Name: Roosevelt Homes
 Project No: 06731050-3
 PO Number:
 Sample Date:



IH Laboratory
 850 Poplar Street
 Pittsburgh, PA 15220
 412-922-4001 ext. 228/425

Send Results To:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lynych@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:

Company: IOB-0673
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day Requested Date: 10/17/2018

Stop at First Positive

Y N

Laboratory Use Only

All Samples In Acceptable Condition: Y N
 Comments:
 Shipping Charges Apply:

Parameter

Sample ID:	Number of Samples	PLM Bulk	Point Count (40)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Point Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1152-S-B-(1-4)	4				X																				
1152-S-F-(1-4)	4				X																				
1152-S-I-(1-5)	5				X																				
1152-S-H-(1-4)	4				X																				
1148-S-(DS & BS)	2					X																			
1152-S-(DS & BS)	2					X																			

Relinquished by

Date/Time

Received by

Date/Time

Jacob Frahm/PSI
 10/10/2018
 [Signature]
 10/11/18

Analyst Name:

Analyst Signature:

Special Instructions / Comments:

See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1184 S

Date Received: **10/15/2018** Date Analyzed: **10/16/2018** Date of Issue: **10/17/2018**

Analyst: **Keith Potts** Work Order: **1810509** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1184-S-DS	43	20
002A	1184-S-BS	31	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810509



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynych@psiusa.com jacob.frahm@psiusa.com michael.faden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:	
Same Day	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	10/18/2018

Stop at First Positive	
Y	<input type="checkbox"/>
N	<input type="checkbox"/>

Laboratory Use Only	
All Samples In Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input checked="" type="checkbox"/>

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-F-(DS, BS, & PA)	3						X																		
1194-S-(DS&BS)	2						X																		
1557-F-(DS&BS)	2						X																		

Relinquished by	Jacob Frahm/PSI	Date/Time	10/11/2018
Received by	<i>S. Swensrud</i>	Date/Time	10/15/18

Analyst Name:		Analyst Signature:	
---------------	--	--------------------	--

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1553 F

Date Received: **10/15/2018** Date Analyzed: **10/16/2018** Date of Issue: **10/17/2018**


Analyst: **Keith Potts** Work Order: **1810510** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1553-F-DS	23	20
002A	1553-F-BS	25	20
003A	1553-F-PA	< 20	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810SID



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	

Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Walters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynych@psiusa.com jacob.frahm@psiusa.com michael.jajden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:	
Same Day	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	10/18/2018

Stop at First Positive	
Y	<input type="checkbox"/>
N	<input type="checkbox"/>

Laboratory Use Only	
All Samples In Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-F-(DS, BS, & PA)	3						X																		
1194-S-(DS&BS)	2						X																		
1557-F-(DS&BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/11/2018	<i>Jacob Frahm</i>	10/15/18

Analyst Name:	Analyst Signature:
	<i>Jacob Frahm</i>

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1557 F

Date Received: **10/15/2018** Date Analyzed: **10/16/2018** Date of Issue: **10/17/2018**

Analyst: **Keith Potts** Work Order: **1810513** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1557-F-DS	25	20
002A	1557-F-BS	< 20	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
Client submitted data is the determining factor in the accuracy of calculated results.
The attached Chain of Custody is incorporated into and becomes a part of the final report.
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Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

1810513

CHAIN OF CUSTODY - ASB/LEAD/IH



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynnch@psiusa.com jacob.frahm@psiusa.com michael.jaden@psiusa.com

Send Invoice To:	
Company:	I0B-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:	
Same Day	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	10/18/2018

Stop at First Positive	
Y	<input type="checkbox"/>
N	<input type="checkbox"/>

Laboratory Use Only	
All Samples In Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input type="checkbox"/>

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1553-F-(DS, BS, & PA)	3						X																		
1194-S-(DS&BS)	2						X																		
1557-F-(DS&BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/11/2018	<i>Jacob Frahm</i>	10/15/18

Analyst Name:	Analyst Signature:
	<i>Jacob Frahm</i>

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1582 M

Date Received: **10/15/2018** Date Analyzed: **10/16/2018** Date of Issue: **10/17/2018**


Analyst: **Keith Potts** Work Order: **1810514** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1582-M-BS	43	20
002A	1582-M-DS	46	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
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PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810514



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No.:	06731050-3
PO Number:	
Sample Date:	

Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynn@psiusa.com jacob.frahm@psiusa.com michael.jaden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:		
Same Day	1-2 Day	3-5 Day
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Requested Date:		10/19/2018

Stop at First Positive	
Y	N
<input type="checkbox"/>	<input type="checkbox"/>

Laboratory Use Only	
All Samples In Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input type="checkbox"/>

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1594-M-A-(1-8)	8				X																				
1188-H-A-(1-11)	11				X																				
1582-M-A-(1-8)	8				X																				
1582-M-C-(1-9)	9				X																				
1594-M-C-(1-9)	9				X																				
1188-H-(BS & DS)	2						X																		
1582-M-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/12/2018	<i>Jacob Frahm</i>	10/15/18

Analyst Name:	Analyst Signature:
	<i>Jacob Frahm</i>

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1188 H

Date Received: **10/15/2018** Date Analyzed: **10/16/2018** Date of Issue: **10/17/2018**

Analyst: **Keith Potts** Work Order: **1810515** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1188-H-BS	31	20
002A	1188-H-DS	47	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
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PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810514
1810515



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynd@psiusa.com jacob.frahm@psiusa.com michael.jaden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Stop at First Positive	
Y	<input type="checkbox"/>
N	<input type="checkbox"/>

Requested Turnaround Time:	
Same Day	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	10/19/2018

Laboratory Use Only	
All Samples In Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input checked="" type="checkbox"/>

Parameter

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1594-M-A-(1-8)	8				X																				
1188-H-A-(1-11)	11				X																				
1582-M-A-(1-8)	8				X																				
1582-M-C-(1-9)	9				X																				
1594-M-C-(1-9)	9				X		X																		
1188-H-(BS & DS)	2						X																		
1582-M-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/12/2018	<i>Jacob Frahm</i>	10/15/18 9:15a

Analyst Name:	Analyst Signature:
---------------	--------------------

Special Instructions / Comments: See additional forms for sampling areas

Analytical Report
Analysis of Soil for Lead Determination

TESTED FOR: **PSI, Inc.**
2915 Waters Road Suite 112
Eagan, MN 55121
Attn: Jacob Frahm

Project ID: **06731050-3**
Roosevelt Homes
1594 M

Date Received: **10/15/2018** Date Analyzed: **10/16/2018** Date of Issue: **10/17/2018**


Analyst: **Keith Potts** Work Order: **1810516** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1594-M-BS	42	20
002A	1594-M-DS	53	20
003A	1594-M-PA	21	20

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-512 mod. EPA SW846 3050B, Rev 2, 1996
Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 20µg Pb per representative subsample.
Results are based on a representative subsample of the total sample submitted by the client.
AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
Unless otherwise noted, all samples were acceptable upon receipt.
Sample results are not corrected for blanks.
All quality control sample results are within the acceptance range, unless noted.
All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1810516



IH Laboratory
850 Poplar Street
Pittsburgh, PA 15220
412-922-4001 ext. 228/425

Project Information	
Project Name:	Roosevelt Homes
Project No:	06731050-3
PO Number:	
Sample Date:	

Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynch@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:	
Company:	IOB-0673
Attn:	Accounts Payable
Address:	
Telephone:	
Email:	

Requested Turnaround Time:	
Same Day	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	10/19/2018

Stop at First Positive	
Y	<input type="checkbox"/>
N	<input type="checkbox"/>

Laboratory Use Only	
All Samples In Acceptable Condition:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	
Shipping Charges Apply:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Sample ID:	Number of Samples	PLM Bulk	Point Count (400)	Point Count (1000)	Lead Wipe	Lead Air	Lead Soil	Lead Paint Chip	Lead TCLP	PCM	PCM "B Rules"	TEM AHERA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1594-M-(BS, DS, & PA)	3					X																			

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	10/12/2018	<i>Sumerski</i>	10/15/18

Analyst Name:		Analyst Signature:	
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Special Instructions / Comments: See additional forms for sampling areas



HAZARD IDENTIFICATION KEY AND RECOMMENDATIONS A-3

These hazards must be corrected in order to ensure the safety of your children and prevent any further exposure. All identified lead hazards with the cause and methods of treatment are described in the following tables:

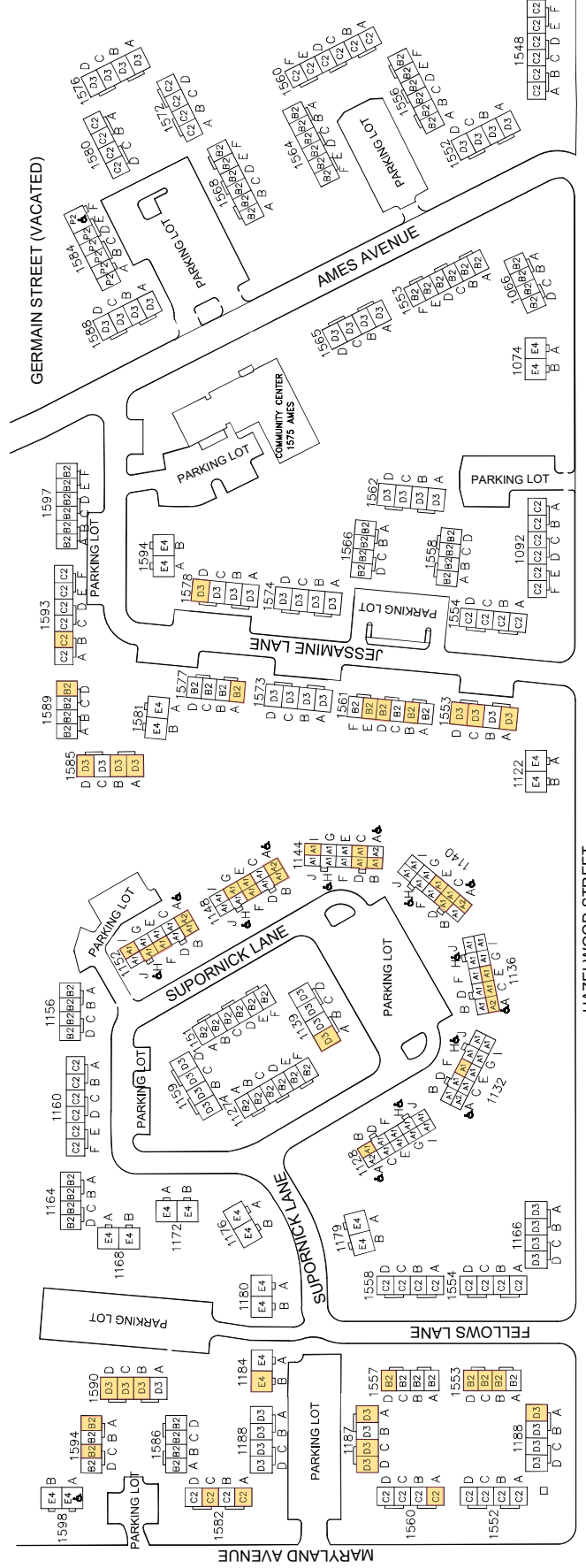
HAZ #	HAZARD KEY	Component	Recommendations (What to Do to Reduce or Eliminate The Hazard)
1	PAINT HAZARD	Window, movable parts and/or troughs Jamb, Wells, Sash	<p>Do this now: Windows should remain closed until this hazard is eliminated. If windows must be opened, restrict children from touching window parts. HEPA-vacuum area.</p> <p>(Good): HEPA- vacuum loose particles visible in the trough portion of the window and clean sills and floor beneath the window using cleaning instructions in Section E. Repeat this treatment each time the windows are opened and/or closed.</p> <p>(Better): Remove sashes and stops, plane all friction-affected edges. When jambs and/or parting beads are a hazard, wet-sand to remove loose paint and repaint or encapsulate. When troughs are a hazard, wet-sand to remove loose paint, repaint, encapsulate or cover with metal or plastic. Install jamb liners or sash kit. Replace stops.</p> <p>Permanent (Best): Replace windows.</p> <p>Note: All windows in a room may not have been tested. If a window is not specifically addressed and appears to have a similar painting history, it should receive the same treatment as other tested windows in that room.</p>
2	PAINT HAZARD	Window Stops, Casing, Trim, Frame	<p>Do this now: Windows should remain closed until this hazard is eliminated. If windows must be opened, restrict children from touching window parts. HEPA-vacuum adjacent areas.</p> <p>(Good): Regularly clean adjacent sill using cleaning instructions in Section E. Repeat this treatment each time the windows are opened and/or closed.</p> <p>(Better): Remove inside stops and sashes, wet-sand or plane sash edges where they meet with stops and edge of sill. Re-paint, encapsulate or replace stops. Finish by cleaning adjacent sill using cleaning instructions in Section E.</p> <p>Permanent (Best): Replace windows.</p>
3	PAINT HAZARD	Window sill Apron	<p>Do this now: Cover outer edge of sill with duct or masking tape and restrict child access. HEPA-vacuum surface and adjacent areas.</p> <p>(Good): Scrape and repaint.</p> <p>(Better): Scrape and encapsulate. Line outer edge with plastic.</p> <p>Permanent (Best): Remove and replace.</p>
4	PAINT HAZARD	Stairway <input type="checkbox"/> Treads <input type="checkbox"/> Risers <input type="checkbox"/> Stringer <input type="checkbox"/> Skirt board <input type="checkbox"/> Rail	<p>Do this now: Clean exposed surfaces and beneath stairs if applicable using cleaning instructions in Section E. HEPA-vacuum surface and adjacent areas.</p> <p>(Good): Treads/Risers: Paint and install vinyl stair runner. /// Stringers/Baseboards/Rails: Paint.</p> <p>(Better): Treads/Risers: Encapsulate and install vinyl stair runner. /// Stringers/Baseboards/Rails: Encapsulate.</p> <p>Permanent (Best): Remove and replace.</p>
5	PAINT HAZARD	Wood Trim: Chair-rail	<p>Do this now: Clean exposed surfaces and adjacent areas using cleaning instructions in Section E. HEPA-vacuum surface and adjacent areas.</p> <p>(Good): Remove loose paint and repaint and adjust or remove the impacting object.</p> <p>(Better): When the source is deterioration, remove loose paint and encapsulate the damaged area. When the source is impact, repair the damage and cover the affected surface with plastic, vinyl or similar material at the point of impact. Adjust or remove the impacting object.</p> <p>Permanent (Best): Remove and replace the damaged component</p>
6	PAINT HAZARD	Wood Trim: Baseboards, chair rails, miscellaneous trim	<p>Do this now: Clean exposed surfaces and adjacent areas using cleaning instructions in Section E. HEPA-vacuum surface and adjacent areas.</p> <p>(Good): Remove loose paint and repaint and adjust or remove the impacting object.</p> <p>(Better): When the source is deterioration, remove loose paint and encapsulate the damaged area. When the source is impact, repair the damage and cover the affected surface with plastic, vinyl or similar material at the point of impact. Adjust or remove the impacting object.</p> <p>Permanent (Best): Remove and replace the damaged component.</p>
7	PAINT HAZARD	Door casing Trim	<p>Do this now: Clean exposed surfaces and adjacent areas using cleaning instructions in Section E. HEPA-vacuum surface and adjacent areas.</p> <p>(Good): Remove loose paint and repaint and adjust or remove the impacting object.</p> <p>(Better): When the source is deterioration, remove loose paint and encapsulate the damaged area. When the source is impact, repair the damage and cover the affected surface with plastic, vinyl or similar material at the point of impact. Adjust or remove the impacting object.</p> <p>Permanent (Best): Remove and replace the damaged component.</p>
8	PAINT HAZARD	Door Frame Jamb	<p>Do this now: Clean exposed surfaces and adjacent areas using cleaning instructions in Section E. HEPA-vacuum carpet or wet-mop bare floor.</p> <p>(Good): Plane leading edge of door, scrape and repaint jamb.</p> <p>(Better): Plane leading edge of door, scrape and encapsulate jamb.</p> <p>Permanent (Best): Replace door assembly.</p>



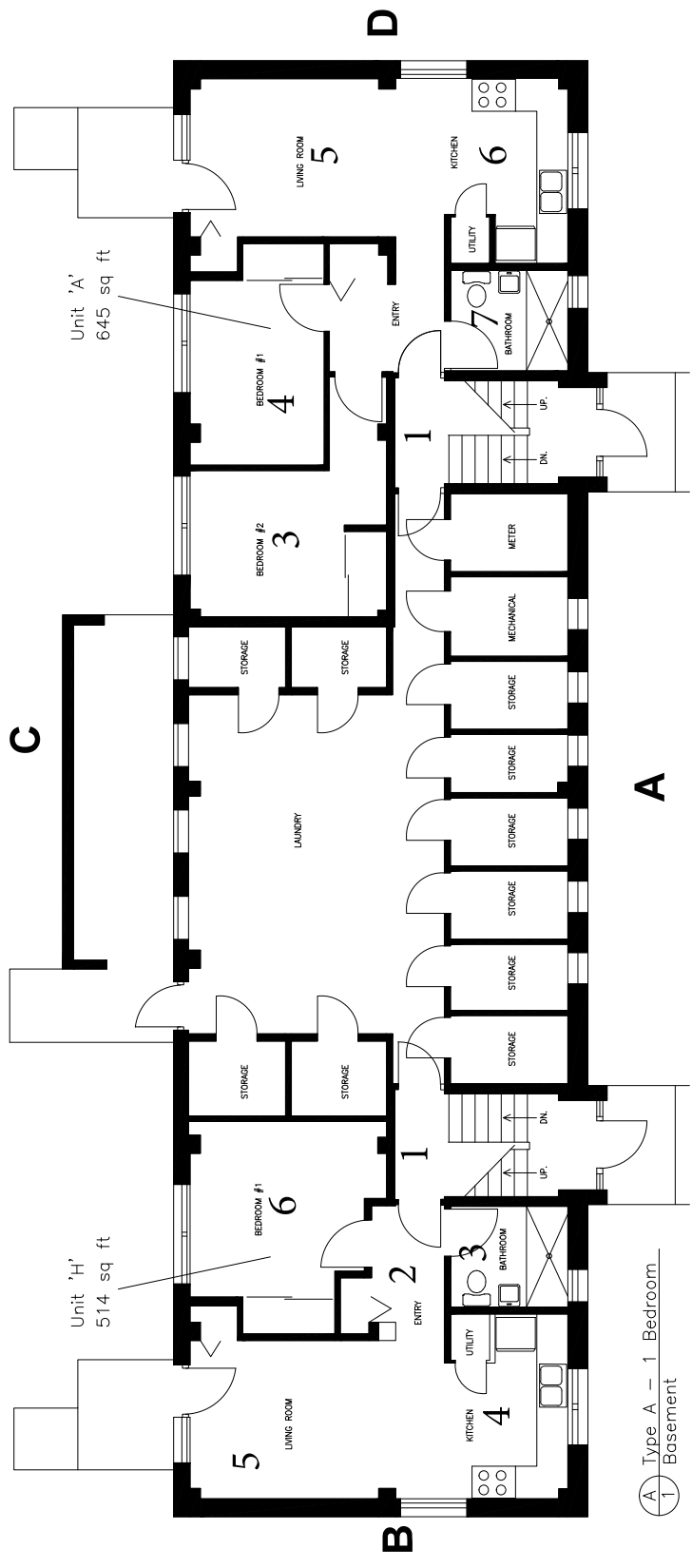
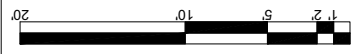
HAZ #	HAZARD KEY	Component	Recommendations (What to Do to Reduce or Eliminate The Hazard)
9	PAINT HAZARD	Door	<p>Do this now: Clean exposed surfaces and adjacent areas using cleaning instructions in Section E.</p> <p>(Good): Plane leading edge of door, eliminating all friction points. Install felt liner on stops. Scrape and repaint door. Re-hang door with new hardware if needed to eliminate further friction and/or impact problems.</p> <p>(Better): Plane leading edge of door, eliminating all friction points. Install felt liner on stops. Scrape and encapsulate door. Re-hang door with new hardware if needed to eliminate further friction and/or impact problems.</p> <p>Permanent (Best): Remove and replace door.</p>
10	PAINT HAZARD	Door stop	<p>Do this now: Clean adjacent areas using cleaning instructions in Section C and HEPA-vacuum carpet or wet-mop bare floor. Reclean floor after any of the following treatments.</p> <p>(Good): Apply felt or foam liner to impact surface of stop</p> <p>(Better): Paint or encapsulate stop and apply felt or foam liner</p> <p>Permanent (Best): Remove and replace stop</p>
11	PAINT HAZARD	Door threshold	<p>Do this now: Cover threshold with duct tape until further treatment can be completed. Clean adjacent areas using cleaning instructions in Section E and HEPA-vacuum carpet or wet-mop bare floor. Reclean floor after any of the following treatments.</p> <p>(Good): Remove loose paint, repaint and cover with vinyl or sheet metal. Plane lower edge of door.</p> <p>(Better): Remove loose paint, encapsulate & cover with vinyl or sheet metal. Plane door lower edge.</p> <p>Permanent (Best): Remove and replace.</p>
12	PAINT HAZARD	Floor	<p>Do this now: Limit access if possible. Place temporary covering or runners over high traffic areas. Wet mop until and after any of the following treatments are completed.</p> <p>(Good): Remove and repair damaged areas and install non-skid runners over high traffic areas</p> <p>(Better): Remove loose paint, encapsulate and install carpet</p> <p>Permanent (Best): Remove loose paint, encapsulate and install permanent non-permeable floor</p>
13	PAINT HAZARD	Plaster or Wallboard	<p>Do this now: Prevent further disturbance and restrict children from access or instruct to avoid. Wet mop until and after any of the following treatments are completed.</p> <p>(Good): If deterioration is limited to a small area, repair damage and repaint wall. If deterioration is over a large area, do not attempt to repair. Use certified workers to complete the work.</p> <p>(Better): Use certified workers to repair and encapsulate</p> <p>Permanent (Best): Enclose wall with drywall, tape and finish with joint compound</p>
14	PAINT HAZARD	Storage components Cabinets	<p>Do this now: If component is used for food, cooking or eating utensils, linen or clothing, remove and clean these items and store in a non-contaminated area until one of the following treatments are completed. Wet –clean any adjacent floors, counters and other surfaces until and after any of the following treatments are completed.</p> <p>(Good): Repair, repaint and line all surfaces with vinyl, plastic or similar covering. Adjust doors, hinges and other hardware to further eliminate friction or impact.</p> <p>(Better): Repair, encapsulate and line all surfaces with vinyl, plastic or similar covering.</p> <p>Permanent (Best): Remove and replace</p>
15	PAINT HAZARD	Storage components Shelving	<p>Do this now: If component is used for food, cooking or eating utensils, linen or clothing, remove and clean these items and store in a non-contaminated area until one of the following treatments are completed. Wet –clean any adjacent floors, counters and other surfaces until and after any of the following treatments are completed.</p> <p>(Good): Repair, repaint and line all surfaces with vinyl, plastic or similar covering. Adjust doors, hinges and other hardware to further eliminate friction or impact.</p> <p>(Better): Repair, encapsulate and line all surfaces with vinyl, plastic or similar covering.</p> <p>Permanent (Best): Remove and replace</p>
16	PAINT HAZARD	Radiator, Bath Tub and Sink	<p>Do this now: Restrict children from contact. Clean adjacent areas using cleaning instructions in Section E and HEPA-vacuum carpet or wet-mop bare floor. Reclean floor after any of the following treatments.</p> <p>(Good): Scrape and re-paint. Wet surfaces frequently during scraping.</p> <p>(Better): Encapsulate or strip all painted surfaces.</p> <p>Permanent (Best): Remove and replace.</p>
17	PAINT HAZARD	Siding and Trim:	<p>Do this now: If accessible, restrict children from contact</p> <p>(Good): Repair with patch or filler, then re-paint</p> <p>(Better): Scrape and encapsulate all exposed wood surfaces.</p> <p>Permanent (Best): Remove and replace component</p>
18	PAINT HAZARD	Structural component	<p>Do this now: If accessible, restrict children from contact.</p> <p>(Good): Repair with patch or filler, then re-paint.</p> <p>(Better): Repair with patch or filler, then encapsulate.</p> <p>Permanent (Best): Remove and replace component.</p>
19	PAINT HAZARD	Porch Ceiling	<p>Do this now: Instruct children from playing on porch until hazard is treated.</p> <p>(Good): Scrape and re-paint. Wet surfaces frequently during scraping.</p> <p>(Better): Scrape and encapsulate all exposed wood surfaces.</p> <p>Permanent (Best): Install vinyl siding underlayment if house is being sided, or, install ½ inch from board, OSB or other rigid, permanent barrier. Caulk at all edges and unions.</p>



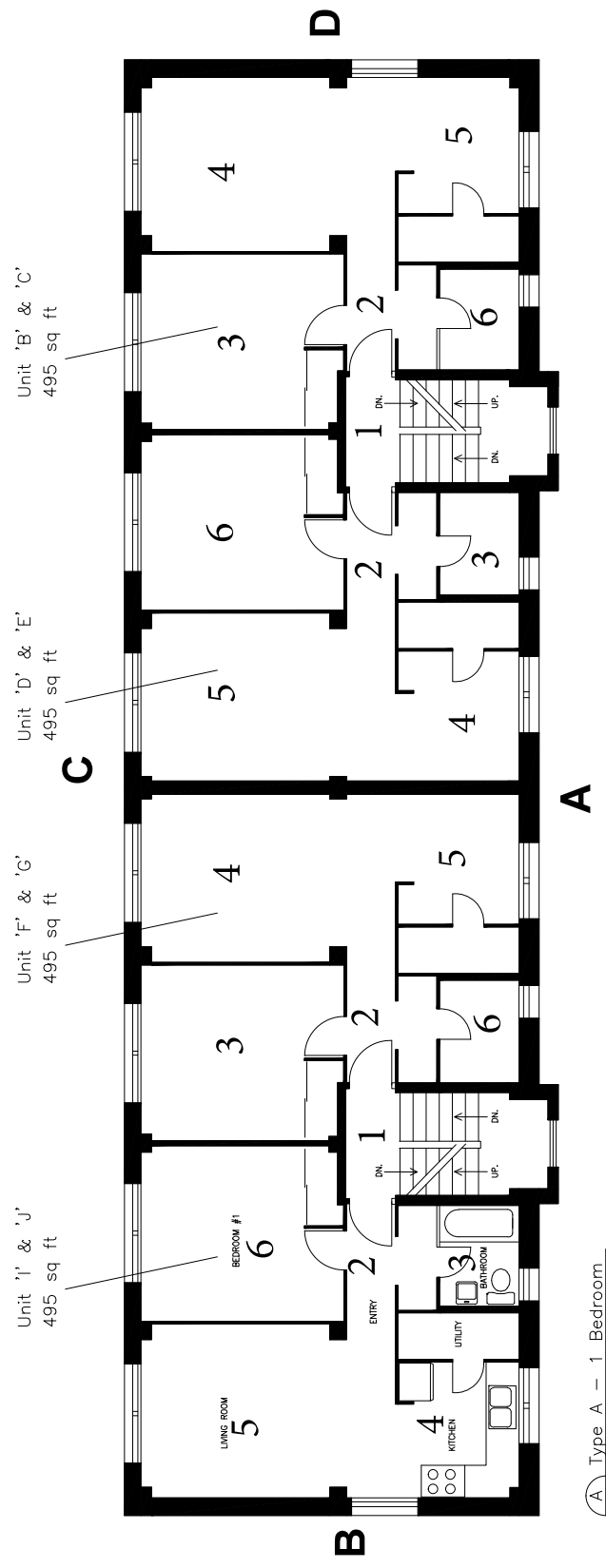
HAZ #	HAZARD KEY	Component	Recommendations (What to Do to Reduce or Eliminate The Hazard)
20	SOIL HAZARD	Play or other areas	<p>Do this now: If swings, sand boxes or other children's objects are present, relocate all to another area of the yard. Instruct children not to dig or play in the contaminated area.</p> <p>(Good): Rototill lead containing soil and cover with sod.</p> <p>(Better): Rototill lead containing soil and seed.</p> <p>Permanent (Best): Remove soil to a depth of six inches, replace with clean, uncontaminated fill and seed, sod or install plantings.</p>
21	SOIL HAZARD	House perimeter	<p>Do this now: Instruct children not to dig or play in the contaminated area.</p> <p>(Good): Rototill lead containing soil, cover with organic mulch and install plantings.</p> <p>(Better): Rototill lead containing soil, compact and install landscaping cloth and stone or gravel.</p> <p>Permanent (Best): Remove soil to a depth of six inches, replace with clean, uncontaminated fill or gravel/stone.</p>
22	DUST HAZARD	Floors or Window Sills	<p>Important Note: Dust sampling is not performed on all floors and window sills during a risk assessment. For this reason it is important to clean all floors and horizontal surfaces such as window sills, ledges and counter tops regularly.</p> <p>Do this now: Clean all floors, window sills and horizontal surfaces using the cleaning instructions included in Section E. Encourage frequent hand washing.</p> <p>Good: Continue regular cleaning. Windows should remain closed until this hazard is eliminated. If windows must be opened, restrict children from touching window parts. HEPA- vacuum loose particles visible in the trough portion of the window and clean sills and floor beneath each day using cleaning instructions in Section E. Continue to encourage frequent hand washing.</p> <p>Best: This hazard will not be permanently corrected by cleaning until corrections are made to the windows which are creating the hazard.</p>
23	HOBBY HAZARD		<p>Do this now: Restrict children from access to hobby tools and equipment.</p> <p>(Good): Perform a thorough cleaning of all horizontal surfaces around the hobby area using cleaning guidelines included in Section E of this report.</p> <p>(Better): Install permanent drywall enclosure with operable door and security lock around hobby area.</p> <p>Permanent (Best): Move this activity to an exterior secured shed. Note: this hazard will not be permanently corrected and exposures are still possible if accessed by a child.</p>
24	PAINT HAZARD	Wood Wainscoting	<p>Do this now: Restrict children from access to the surface.</p> <p>(Good): Repaint.</p> <p>(Better): Encapsulate the surface.</p> <p>Permanent (Best): Move any existing moldings, chair-rails or other protruding components and enclose with drywall.</p>
25	PAINT HAZARD	Free Standing Component	<p>Do this now: Restrict children from further access.</p> <p>(Good): If component is to be retained, place outside in grassy area on disposable plastic and scrape/repaint.</p> <p>(Better): Scrape/Paint as described above and move to an area inaccessible to a child.</p> <p>Permanent (Best): Dispose of the component.</p>
26	PAINT HAZARD	Exterior window sashes and frames	<p>Do this now: Windows should remain closed until this hazard is eliminated. If windows must be opened, restrict children from touching window parts. HEPA-vacuum adjacent areas.</p> <p>(Good): Regularly clean adjacent sill using cleaning instructions in Section E. Repeat this treatment each time the windows are opened and/or closed.</p> <p>(Better): Remove inside stops and sashes, wet-sand or plane exterior sash edges where they meet with parting bead. Wet-sand parting beads and repaint or encapsulate. Re-paint, encapsulate or replace stops. Finish by cleaning adjacent sill using cleaning instructions in Section E.</p> <p>Permanent (Best): Replace windows.</p>



UNIT TYPES	
TYPE A1 (1 BED)	63 Units
TYPE A2 (2 BED)	7 Units
TYPE B2 (2 BED)	92 Units
TYPE C2 (2 BED)	62 Units
TYPE D3 (3 BED)	68 Units
TYPE E4 (4 BED)	22 Units
TYPE P2 (2 BED)	6 Units
ACCESSIBLE UNITS = 16	
320 TOTAL UNITS	



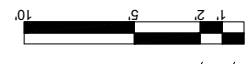
Ⓐ Type A - 1 Bedroom
 ① Basement



Ⓐ Type A - 1 Bedroom
 ② Typ. Floor

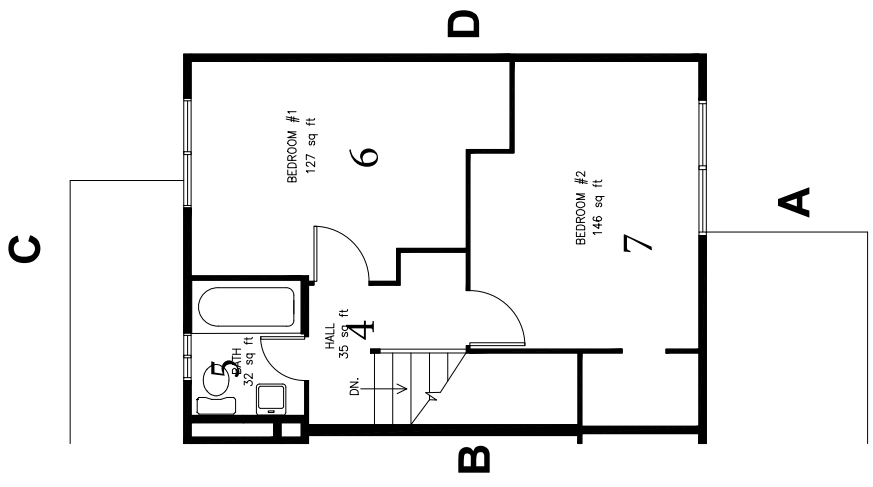
RH3

DRAWN BY: MIS
 DATE: 3/8/2018
 SCALE: 1" = 10'

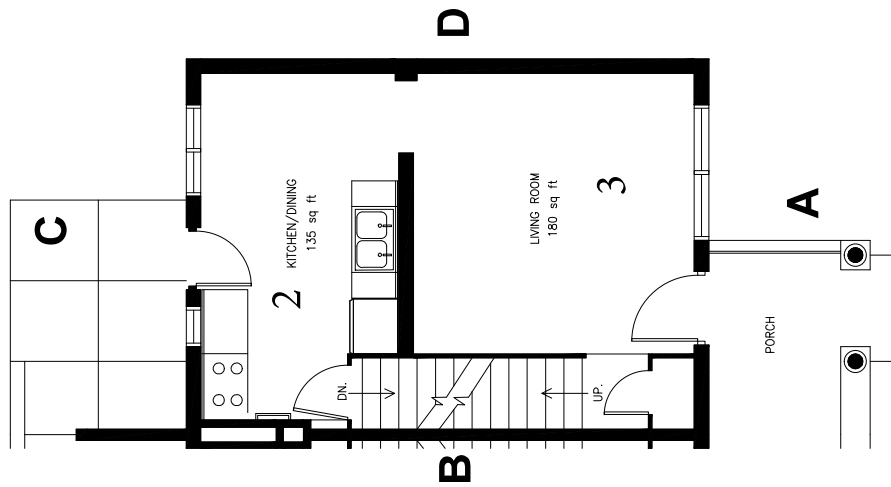


PROJECT NAME: ROOSEVELT HOMES
 AMP NO.: 4
 UNIT TYPE: 'B'

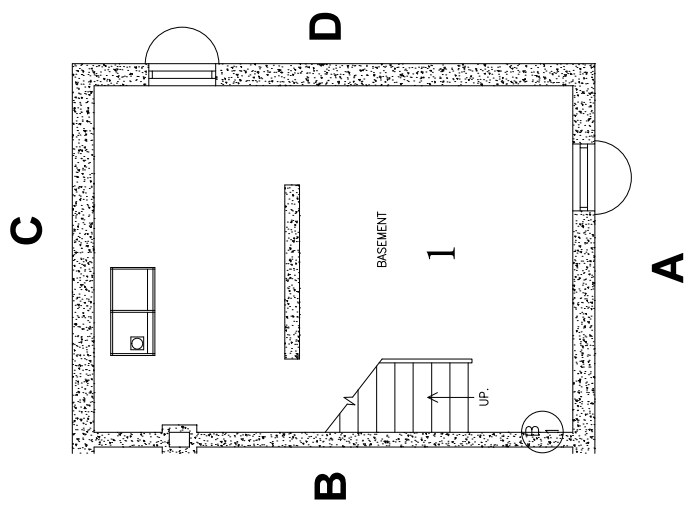
SHEET TITLE



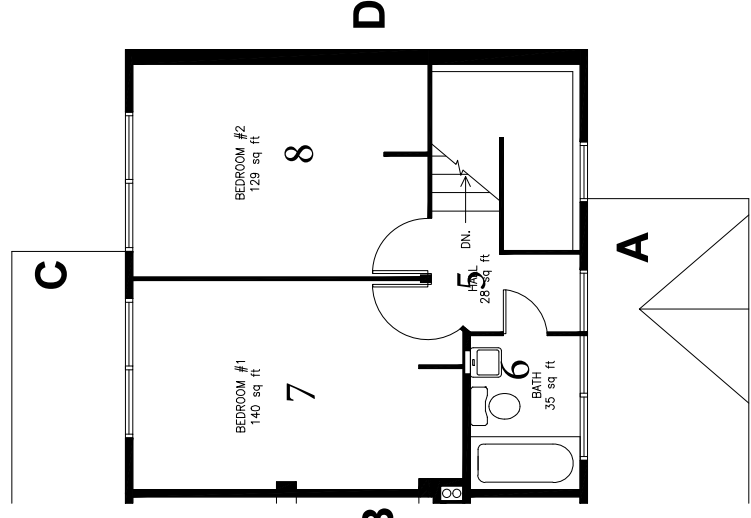
ⓑ Type B - 2 Bedroom
 ③ Upper Level - 382 sq ft



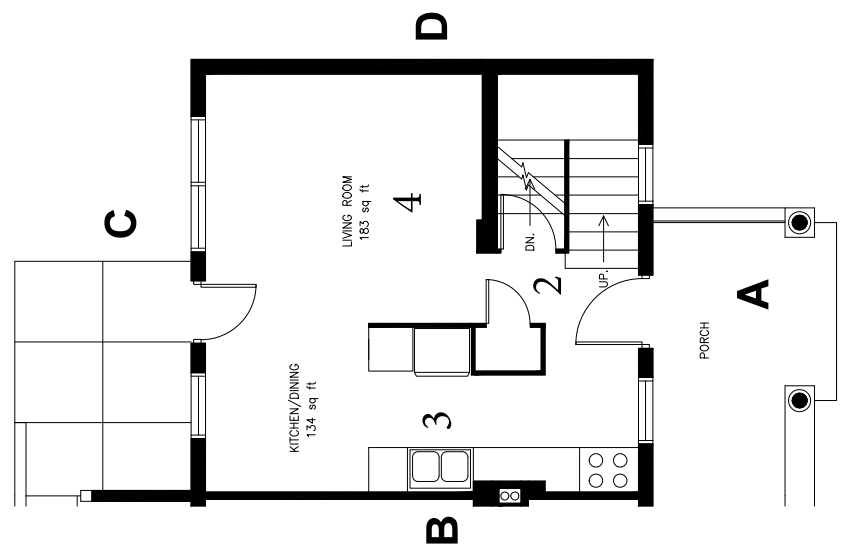
ⓑ Type B - 2 Bedroom
 ② Ground Level - 362 sq ft



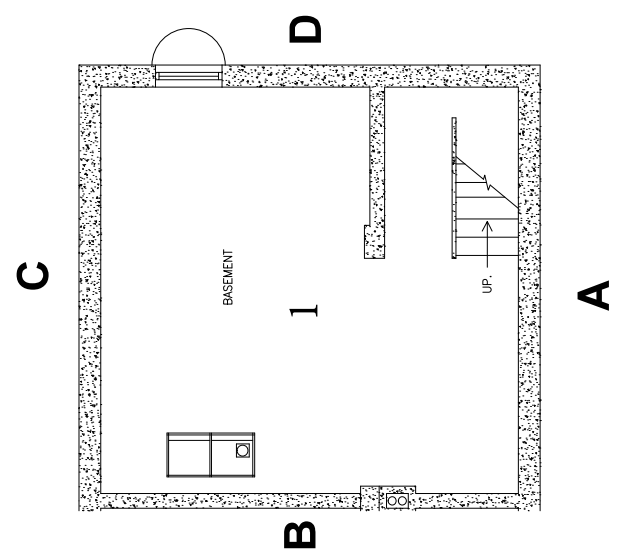
ⓑ Type B - 2 Bedroom
 ① Basement - 342 sq ft



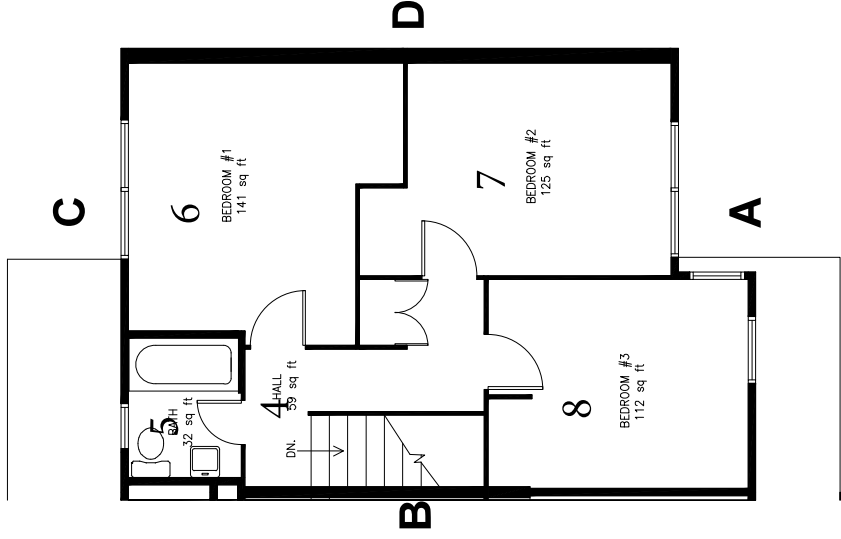
(C) Type C - 2 Bedroom
 (3) Upper Level - 393 sq ft



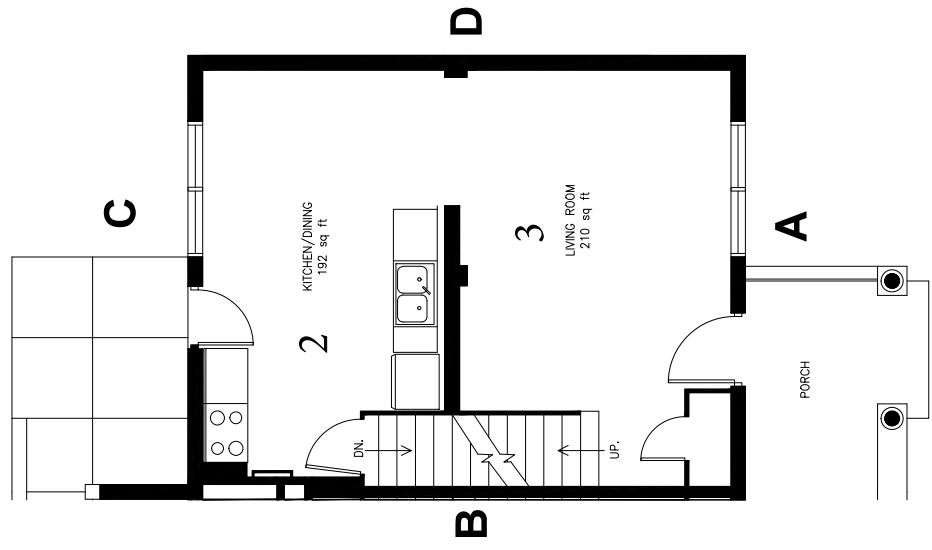
(C) Type C - 2 Bedroom
 (2) Ground Level - 373 sq ft



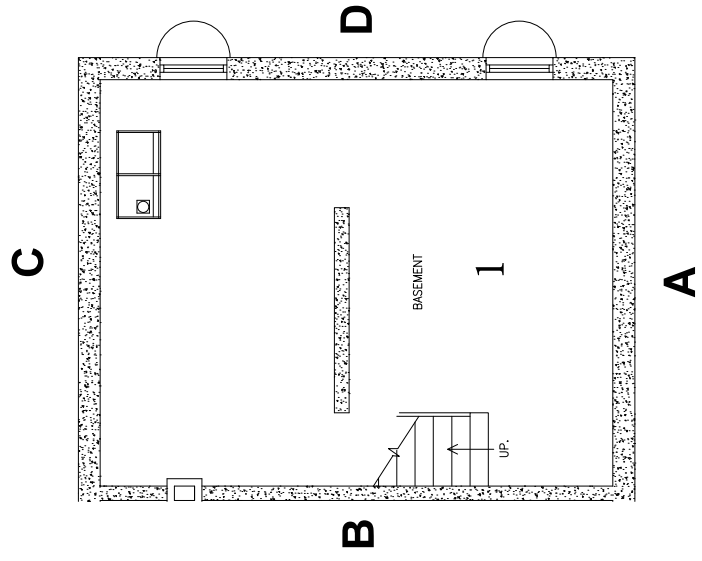
(C) Type C - 2 Bedroom
 (1) Basement - 350 sq ft



(D) Type D - 3 Bedroom
 (3) Upper Level - 511 sq ft



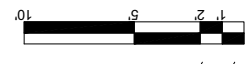
(D) Type D - 3 Bedroom
 (2) Ground Level - 452 sq ft



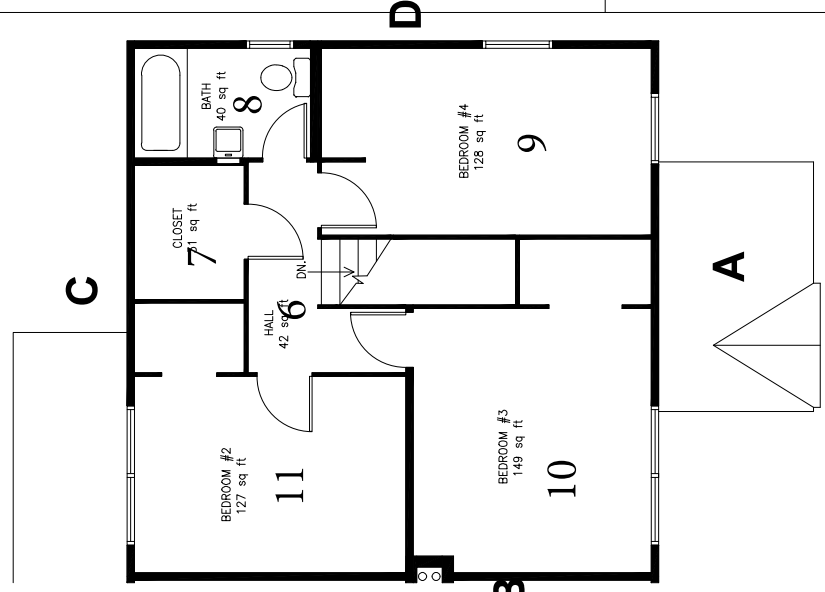
(D) Type D - 3 Bedroom
 (1) Basement - 430 sq ft

RH6

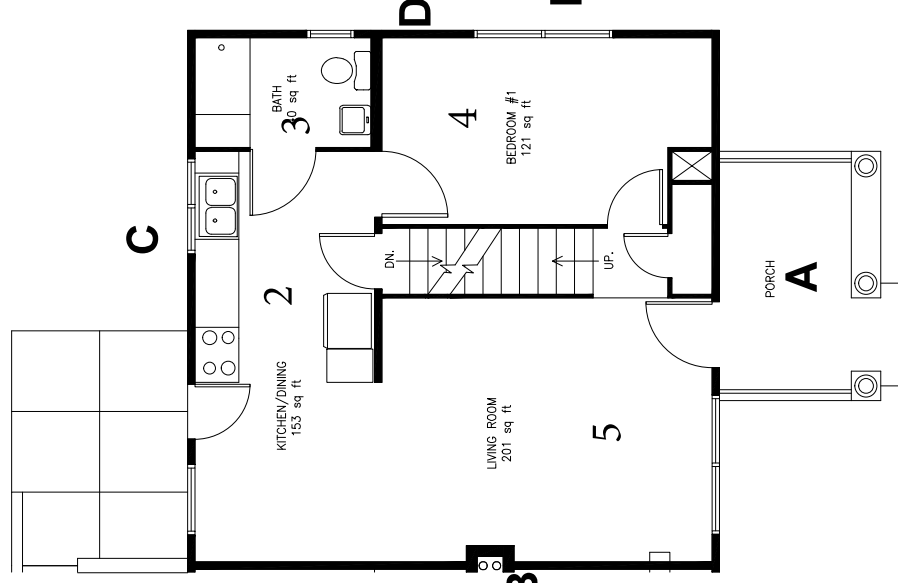
DRAWN BY: MIS
 DATE: 3/8/2018
 SCALE: 1/8" = 1'-0"



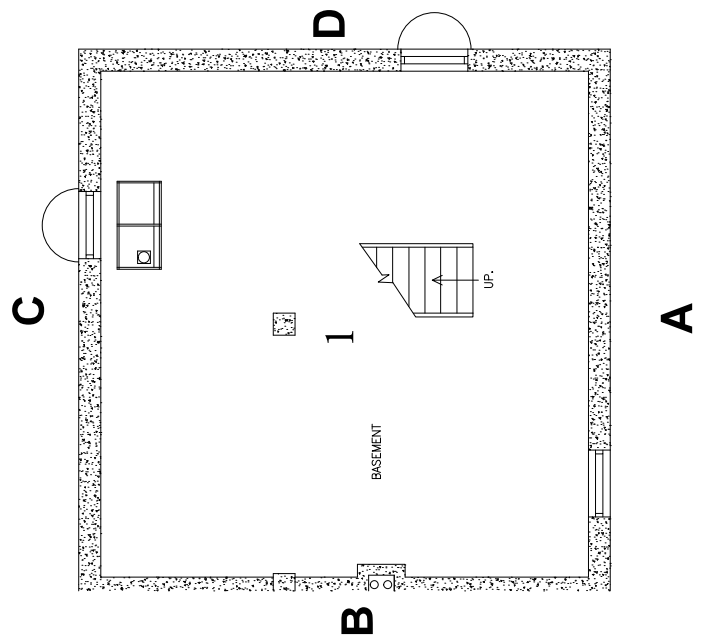
PROJECT NAME: ROOSEVELT HOMES
 AMP NO.: 4
 UNIT TYPE: FF



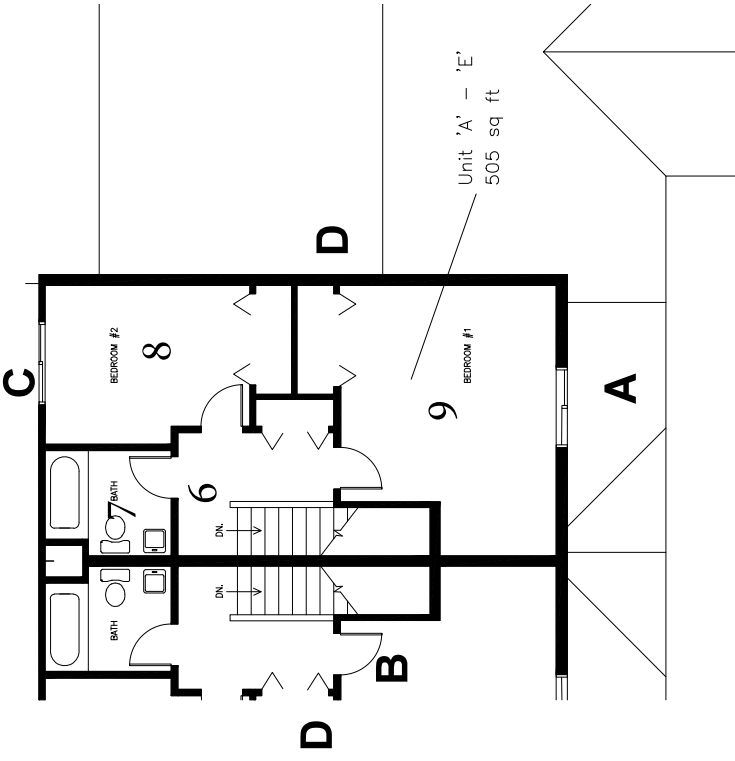
(E) Type E - 4 Bedroom
 (3) Upper Level - 580 sq ft



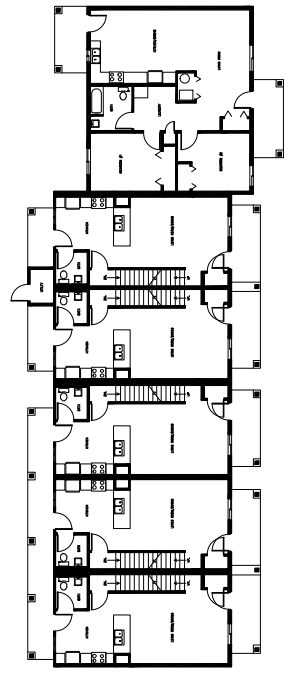
(E) Type E - 4 Bedroom
 (2) Ground Level - 560 sq ft



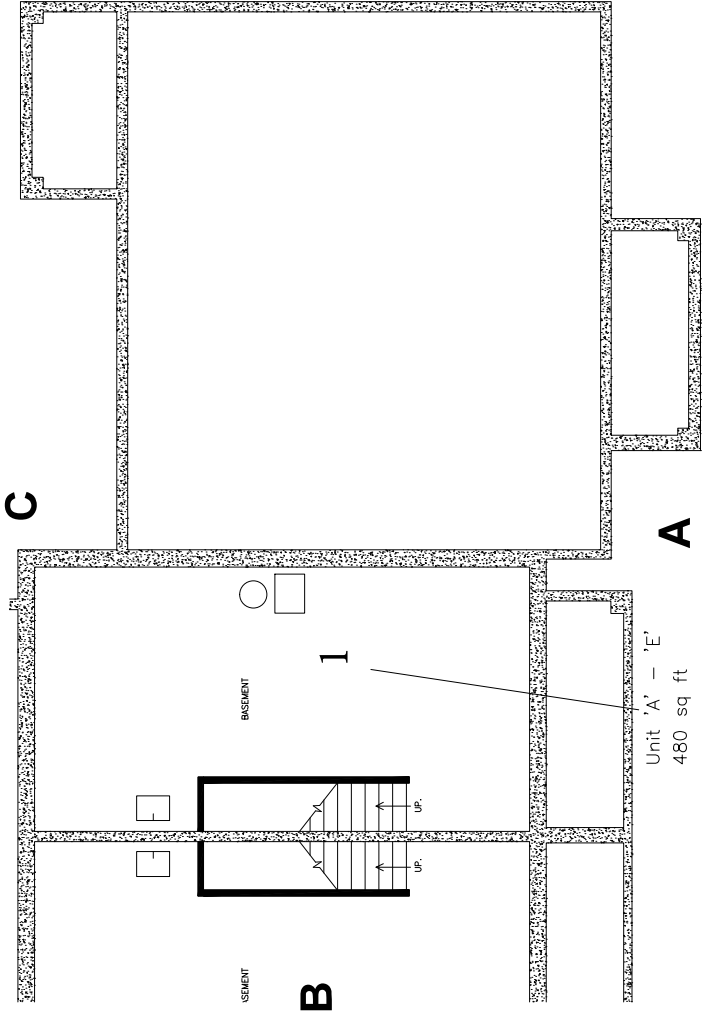
(E) Type E - 4 Bedroom
 (1) Basement - 510 sq ft



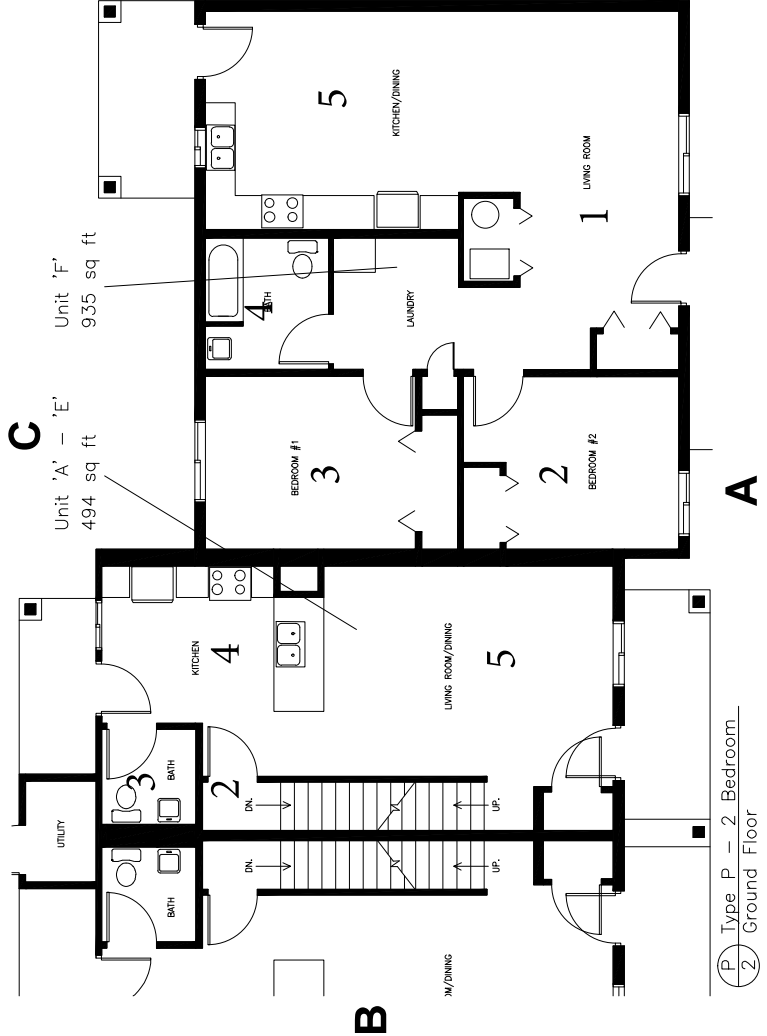
① Type P - 2 Bedroom
 ③ Upper Floor



① Type P - 2 Bedroom
 ④ Building Plan - n.t.s.



① Type P - 2 Bedroom
 ① Basement



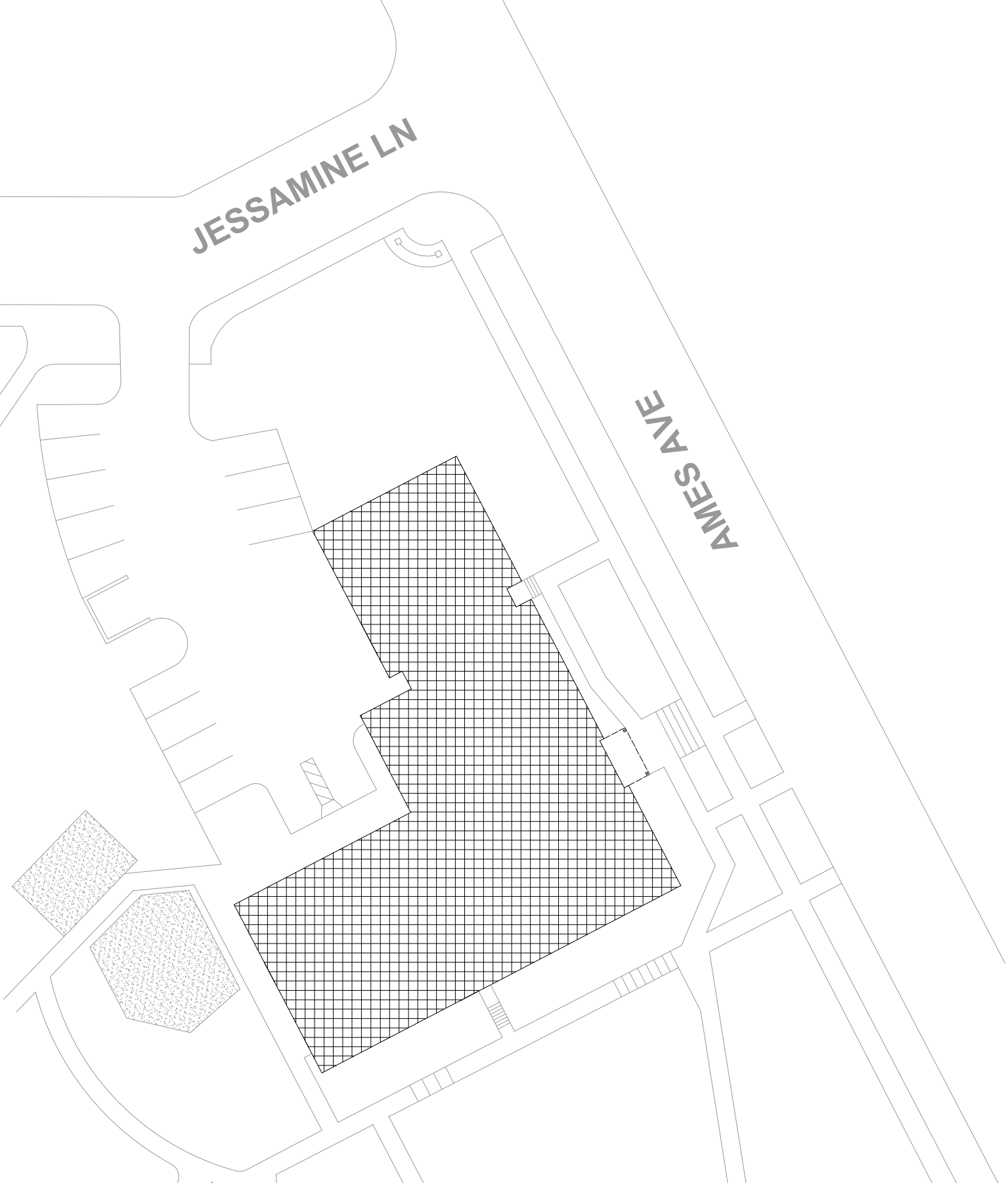
① Type P - 2 Bedroom
 ② Ground Floor

RC1

DRAWN BY: MIS
DATE: 5/15/2018
SCALE: N.T.S.



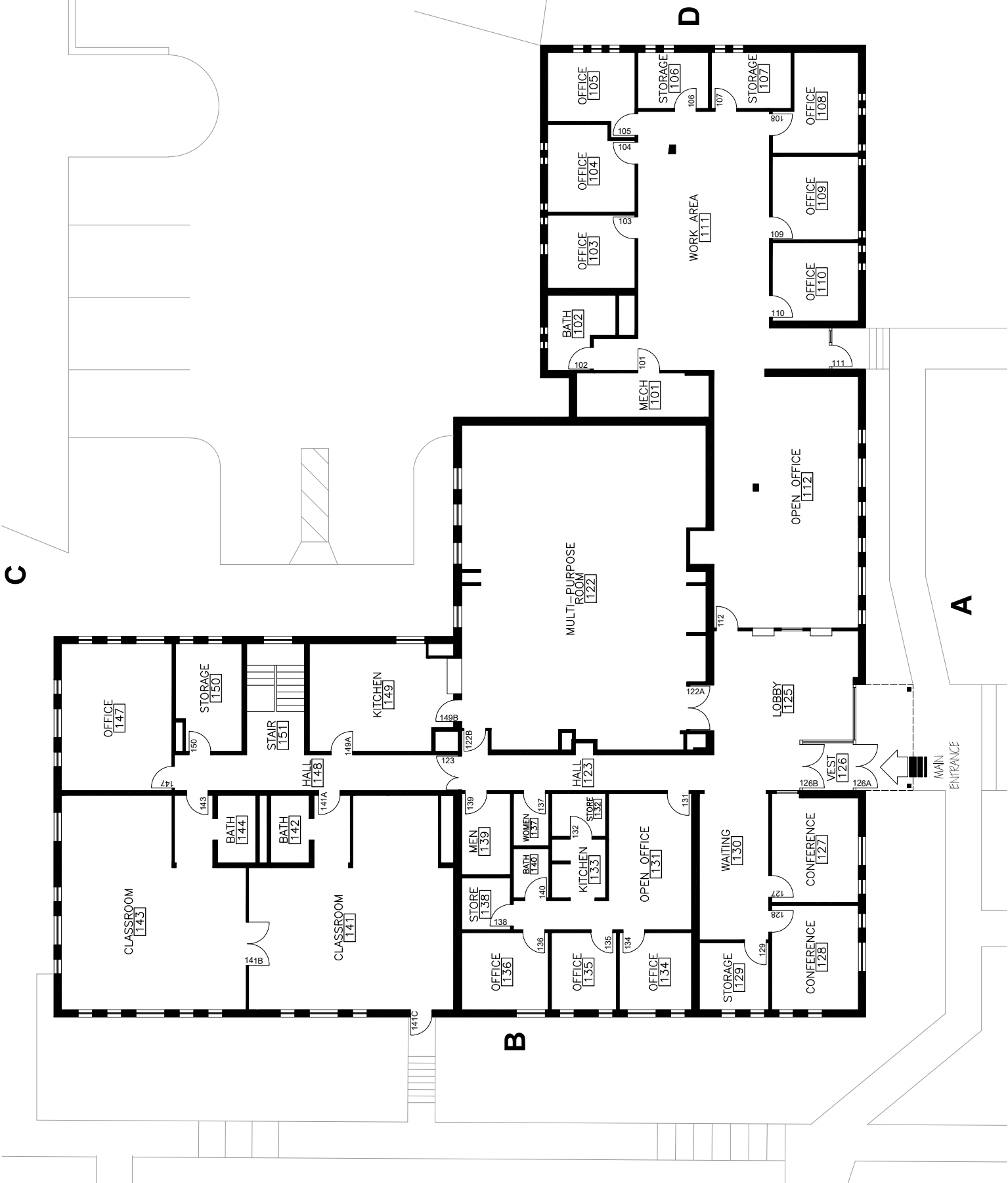
PROJECT TITLE: ROOSEVELT COMMUNITY CENTER
AMP NO.: 4
SITE PLAN

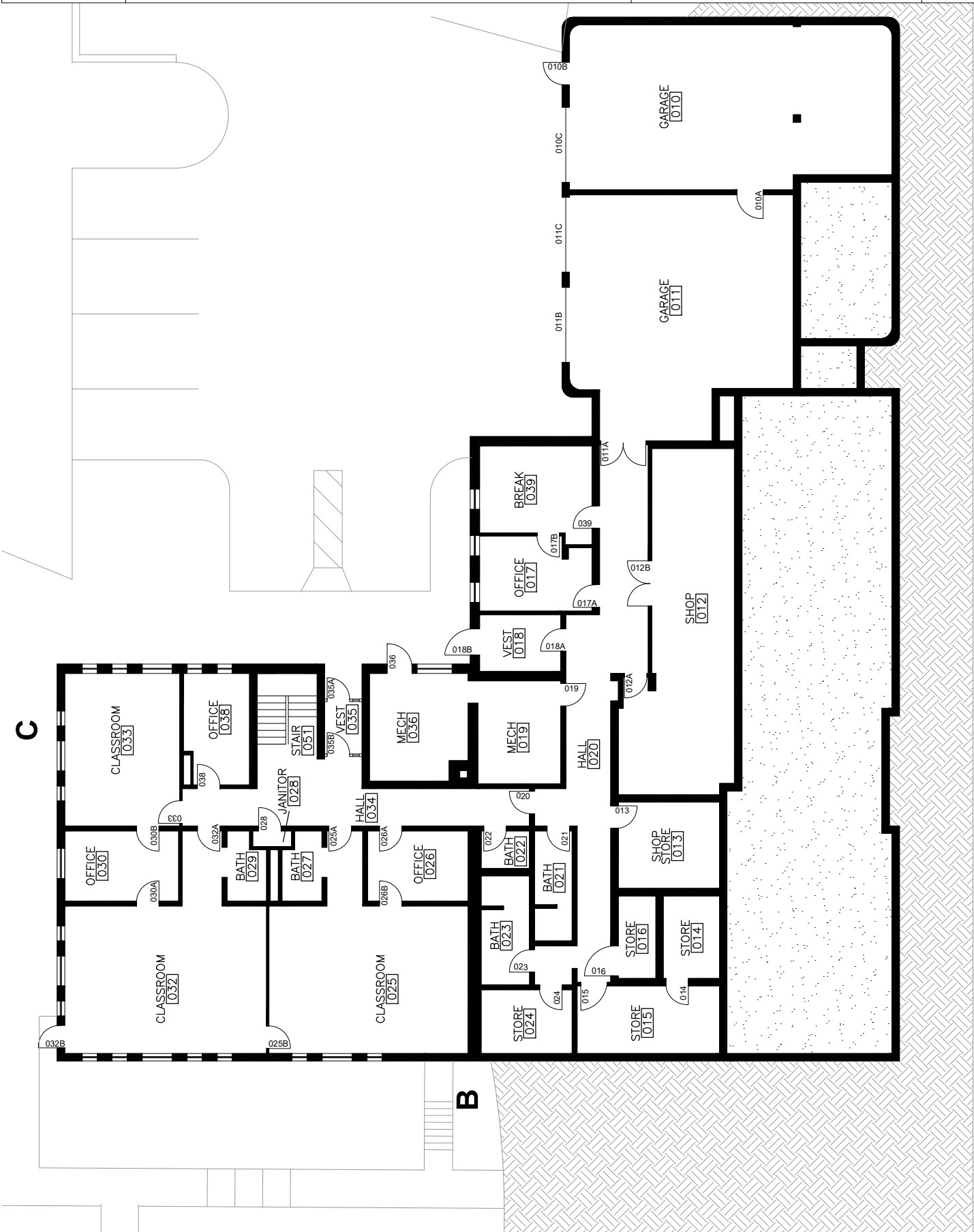


RC2

PROJECT NO. 4
PROJECT NAME ROOSEVELT COMMUNITY CENTER
DRAWN BY: MIS
DATE: 5/15/2018
SCALE: 1/8" = 1'

SHEET TITLE
GROUND LEVEL





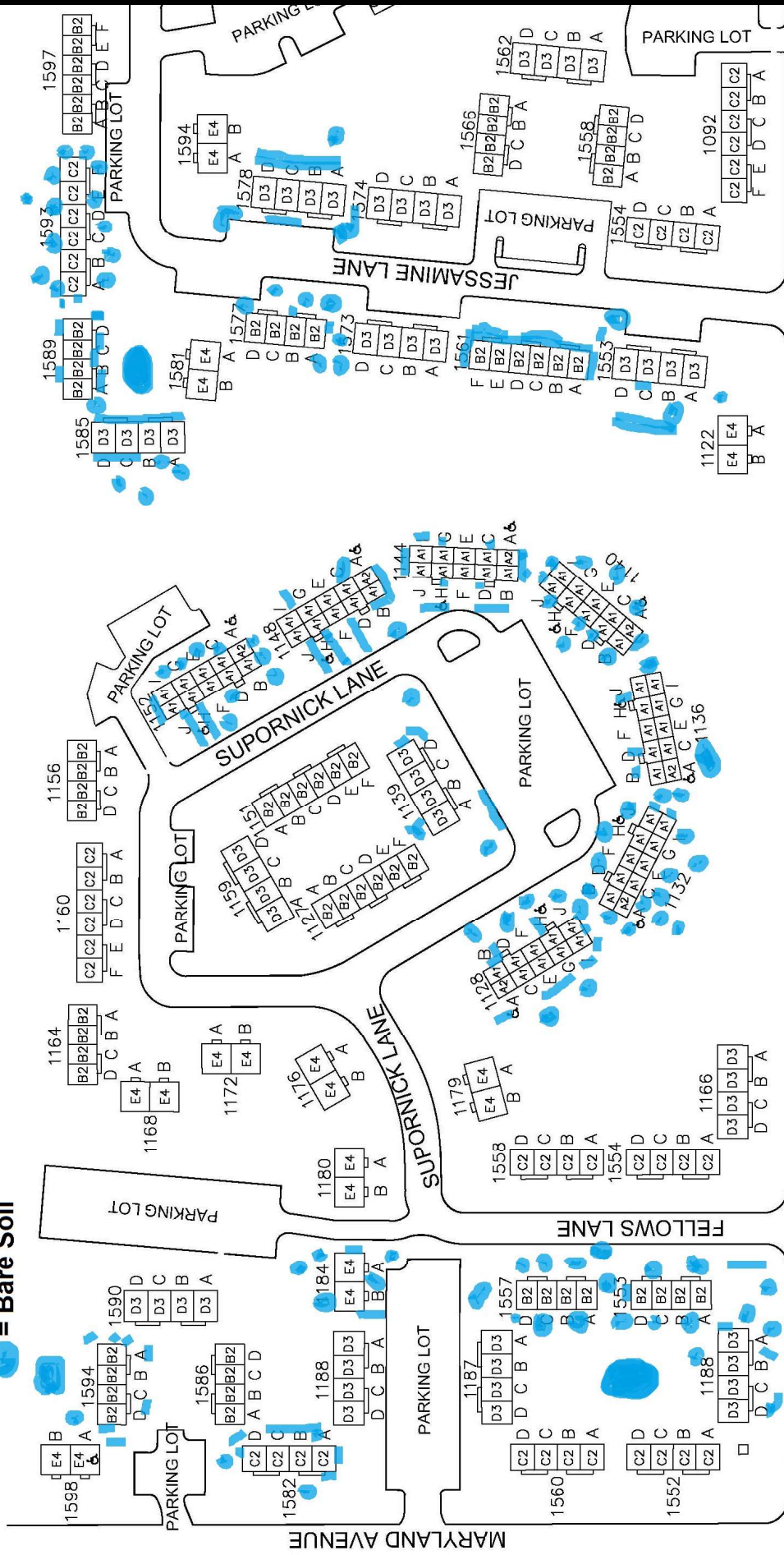
B

C

A

D

 = Bare Soil



Environmental Services
 2915 Waters Road, #112
 Eagan, MN 55121
 (651) 646-8148 Fax (651) 646-8258

Roosevelt Homes
Mapping of Bare Soil

PSI Project Number:
 06731050-1
 Scale:
 No Scale
 Date: 10/25/2018



SECTION B: PROPERTY CONDITION

B-1:	BUILDING CONDITION CHECKLIST
B-2:	PAINT CONDITION ON SELECTED SURFACES

DESCRIPTION OF CONTENTS

The section includes required information about the condition of the home and overall condition of paint. The documents included are:

B-1: The Building Condition Checklist identifies the overall condition of the buildings on the property. These conditions can contribute to paint deterioration and may need to be corrected in order to stop further deterioration. For instance, a leaky roof may allow water to seep into interior walls and damage paint. This building condition would need to be fixed in order to stop the source of deterioration.



VISUAL INSPECTION WORKSHEET

SECTION B

BUILDING CONDITION CHECKLIST

B-1

TOTAL: IF THERE ARE TWO OR MORE CHECKS IN THE BOXES BELOW, THE DWELLING IS CONSIDERED TO BE IN POOR CONDITION FOR THE PURPOSES OF A RISK ASSESSMENT.

- | | |
|---|--|
| <input type="checkbox"/> Roof is missing parts of surfaces: tiles, boards, shingles, etc. | <input type="checkbox"/> Water stains on interior walls or ceilings |
| <input type="checkbox"/> Roof has large holes or cracks | <input type="checkbox"/> Wall plaster or drywall is deteriorated |
| <input type="checkbox"/> Gutters/downspouts broken | <input type="checkbox"/> Two or more doors or windows missing or boarded up |
| <input type="checkbox"/> Chimney cracked, loose/ missing bricks out of plumb | <input type="checkbox"/> Porch steps have missing or broken parts |
| <input type="checkbox"/> Exterior/Interior walls have cracks or holes | <input type="checkbox"/> Foundation damaged or structure leans or is unsound |

PAINT CONDITION ON SELECTED SURFACES

B-2

Identify any painted components with visible bite marks here: NONE

Building Component	Paint Condition (I)ntact (F)air (P)oor	Friction or Impact Damage (Y/N)	Moisture Deterioration (Y/N)
Interior Doors	I	N	N
Ceilings	I	N	N
Walls	I	N	N
Interior Windows	I	N	N
Interior Floors	I	N	N
Interior Trim	I	N	N
Stairways	I	N	N
Radiators/Covers	I	N	N
Kitchen Cabinets	I	N	N
Bathroom Cabinets	I	N	N

Paint in Poor Condition:

- (a) More than 10 S.F. on an exterior component with large surface area (b) More than 2 S.F. on an interior component with a large surface area
 (c) More than 10% of total surface area on an interior /exterior component with small surface area.



SECTION C: OWNERSHIP AND OCCUPANCY

C-1: PROPERTY DESCRIPTION
C-2: OCCUPANT INFORMATION

DESCRIPTION OF CONTENTS

The section includes:

- C-1 A physical description of the house, property and other buildings
- C-2 Information about **current** occupancy as of the date of this report.

PROPERTY DESCRIPTION C-1

Property Address:	Roosevelt Homes (MN1-2) , St. Paul, Minnesota
Current property owner:	Public Housing Agency of the City of St. Paul
Owner current address:	555 Wabasha Street North, Suite 400, St. Paul, MN
Owner Contact:	Ka Yang (651) 292-6089
All levels excluding basements/attics:	Two (2)
Single or Multi-family:	Multi-family
Construction type:	Wood-farmed
Original year built:	1952

CURRENT OCCUPANCY C-2

Number of apartment units:	320
Percent Occupancy:	99%

PSI received no completed Resident Questionnaires from Roosevelt Home residents.



and Public Housing Agency of the City of St. Paul

Resident Questionnaire for Lead Risk Assessment

Write in or circle the answers, Fill in all that apply, If you have any questions feel free to ask the risk assessors when they arrive.

Property Information

Property Address:	
Current property owner:	PHA of St. Paul
Owner current address:	480 Cedar Street # 600
Owner phone number	651- 292-6089
Who many levels in the house excluding basements/attics:	1 / 2 / 3 Other:
Single or Multi-family:	Multi-Family
Construction type:	Wood / Concrete / Stone / Brick
Original year built:	/Don't know
Have there been any additions or renovations to the Property?	YES / NO / Don't know If yes what and when?
Is there a garage on the property?	YES / NO
Are there additional buildings Structures: (Shed, guest house)	YES / NO If yes what is the structure?

Current Occupancy

Total number of adults living in the house:	
Total number of children living in or staying at the house:	

Children's Habits (No children, disregard this section)

CHILD NAME (first) and AGE	BEDROOM LOCATION	ALL AREAS WHERE CHILD EATS	PRIMARY INDOOR PLAY AREAS	PRIMARY OUTDOOR PLAY AREAS
1	Floor 1 / 2 / 3 Other:			
2	Floor 1 / 2 / 3 Other:			
3	Floor 1 / 2 / 3 Other:			
4	Floor 1 / 2 / 3 Other:			
5	Floor 1 / 2 / 3 Other:			
6	Floor 1 / 2 / 3 Other:			

Where are toys stored/kept?

--

Building Use Patterns (circle all that apply)	
Most frequent entry/exit from:	Front / Back / Side / Other:
Most frequently opened windows:	Living Room / Kitchen / Bathroom Bedrooms (which ones): Other :
Locations of window-mounted air conditioners, if any:	Living Room / Kitchen / Bathroom Bedrooms (which ones): Other :
Do any household members garden?	YES / NO If yes where?
Planned landscaping that will remove grass or ground cover?	YES / NO If yes where?
How often is the household cleaned?	Daily / Weekly / Monthly Other:
What cleaning methods are used?	Sweep / Mop / Dust / Vacuum Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / NO
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other:

Thank you for completing this questionnaire

Please deliver the completed questionnaire to PSI when they come to your home for the risk assessment.

Thank you





SECTION D: SAMPLING PROCEDURES

D-1:	PAINT CHIPS
D-2:	DUST
D-3:	SOIL

DESCRIPTION OF CONTENTS: This section describes procedures used to collect samples

PAINT CHIP SAMPLING PROCEDURE D-1

Paint is considered lead-based if the laboratory analysis is 5,000 micrograms per gram ($\mu\text{g/g}$) or 0.5%. Paint chip samples may be collected and analyzed for lead content. When paint is sample, the risk assessor will use the following procedure:

- The paint is scraped down to the original surface and placed into a clean, labeled container.
- The sample area and tools are cleaned with a damp disposable wipe cloth and the sample location is repaired.
- Samples are submitted for analysis to the Minneapolis Public Health Laboratory. Lead content is reported either in micrograms per gram ($\mu\text{g/g}$) or percent by weight (% by wt.).
- The risk assessor may include paint sampling locations on the diagram located in Section A-4 of this report
- The results of all paint sampling are included in section A of this report.

DUST SAMPLING PROCEDURE D-2

Dust is considered lead-contaminated if the laboratory reports any of the following:

Floors: 40 micrograms per square foot ($\mu\text{g}/\text{ft}^2$) Sills: 250 ($\mu\text{g}/\text{ft}^2$) Troughs: 400 ($\mu\text{g}/\text{ft}^2$)

Dust wipe samples are collected according to HUD Guidelines in each area where a child, 6 or under, is most likely to come into contact with lead-contaminated dust. Dust samples are collected using the following method:

- A specific area of an interior window sill (also called stool), window trough (also called the window well) is measured and marked.
- The risk assessor uses an approved sampling wipe with a gloved hand to wipe across the sampling area in a series of "S" patterns.
- The wipe is then placed in a container labeled with the site and sample location and size of the sample area.
- Samples are then analyzed by the Minneapolis Public Health Laboratory
- The risk assessor may include dust sample locations on the diagram located in Section A-4 of this report.
- The results of all dust sampling and sample locations are included in section A of this report.



SOIL SAMPLING PROCEDURE D-3

Laboratory results for soil may be reported in parts per million (ppm) or micrograms per gram ($\mu\text{g/g}$). Soil is considered lead-contaminated if the lead content is 400 ppm or $\mu\text{g/g}$ in a play area, or 1200 ppm or $\mu\text{g/g}$ around the house foundation or other bare soil areas.

- The assessor will collect soil using a clean, rigid container, from the upper $\frac{1}{2}$ inch of soil.
- Soil samples from several locations may be added together (composited).
- The risk assessor may identify soil sample locations on the diagram in Section A-4 of this report.
- Samples are then sent to the PSI Laboratory for analysis.
- The results of all soil sampling and sample locations are included in section A of this report.



SECTION E: HAZARD REDUCTION AND RELATED REQUIREMENTS

E-1:	STANDARD RE-EVALUATION SCHEDULE
E-2:	DISCLOSURE NOTICE
E-3:	REMEDIATION COST ESTIMATES

DESCRIPTION OF CONTENTS

This section includes a plan for the property owner to monitor the lead-related hazards identified during the assessment and a notice which must be given to future tenants or buyers. Additional guidance for getting help with the permanent elimination of lead-related hazards is also provided. The documents are organized as follows:

E.1 Standard Re-evaluation Schedule: This is a property owner responsibility. A plan for performing a re-evaluation and regular limited assessments is provided here.

E.2 Disclosure Notice: This is a property owner responsibility. This notice should be provided, along with this report and the EPA brochure entitled, "Protect Your Family from Lead in Your Home", to any potential buyer or anyone leasing the property before closing the transaction.

E.3 Remediation Cost Estimates: The table in this section provides approximate cost information only. Abatement costs vary according to location, materials used and market changes. These prices are not intended to be used for bid purposes. PSI encourages the client to solicit actual bids from qualified lead abatement contractors for any work resulting from this assessment.



STANDARD RE-EVALUATION SCHEDULE

E-1

A re-evaluation is a follow-up limited risk assessment to determine the effectiveness of implemented hazard controls and whether new hazards have developed. The re-evaluation and Owner Visual Survey schedules are established by using the hazard evaluation results and the actions which will be taken (abatement / interim controls) to reduce existing hazards. The re-evaluation must be performed by a licensed risk assessor and will be implemented in order to discover:

- ✓ The presence of leaded dust above applicable standards
- ✓ Newly deteriorated known or suspected lead-based paint
- ✓ Deteriorated or failed interim controls, encapsulants or enclosure treatments
- ✓ New bare soil with lead levels above applicable standards

Re-evaluation is not required for enclosure or encapsulation. The following schedule establishes when the re-evaluation must be performed if it is required.

An Owner Visual Survey is a periodic task performed by an owner or owner's representative which will be implemented in order to discover:

- ✓ New deterioration on known or suspected lead-based paint surfaces
- ✓ Deteriorated or failed interim controls, encapsulants or enclosure treatments
- ✓ Structural problems which may threaten the integrity of any known or suspected lead-based paint.

If any hazards are eliminated with the use of encapsulants, check for signs of deterioration or detachment from the surface about one month after application, again after 6 months and annually thereafter. For enclosures, monitor annually. The following schedule establishes when the visual survey must be performed.



STANDARD RE-EVALUATION SCHEDULE

E-1/PG 2

Schedule	Evaluation Results	Action Taken	Re-evaluation Frequency and Duration	Owner Visual Survey
1	<input type="checkbox"/> Combination risk assessment/inspection finds no leaded dust or soil and no LBP	<input type="checkbox"/> None	<input type="checkbox"/> None	<input type="checkbox"/> None
2	<input checked="" type="checkbox"/> No lead-based paint hazards found during risk assessment conducted before hazard control or at clearance (hazards include dust & soil)	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> 3 Years	<input checked="" type="checkbox"/> Annually and whenever information indicates a possible problem
3	<input type="checkbox"/> The average of leaded dust levels on all floors, interior sills or window troughs sampled exceeds the applicable standard but by less than a factor of 10	<input type="checkbox"/> Interim controls and/or hazard abatement or mix of both including, but not necessarily limited to, dust removal. (excluding window replacement)	<input type="checkbox"/> 1 Year, 2 Years	<input type="checkbox"/> Same as schedule 2, except for encapsulants. The first visual survey of encapsulants to be done one month after clearance; the second done 6 months later and annually thereafter
		<input type="checkbox"/> Treatments specified in section A (including window replacement)	<input type="checkbox"/> 1 Year	<input type="checkbox"/> Same as schedule 2, except for encapsulants. The first visual survey of encapsulants to be done one month after clearance; the second done 6 months later and annually thereafter
		<input type="checkbox"/> Abatement of all LBP using encapsulation or enclosure	<input type="checkbox"/> None	<input type="checkbox"/> Same as above
		<input type="checkbox"/> Removal of all lead-based paint	<input type="checkbox"/> None	<input type="checkbox"/> None
4	<input type="checkbox"/> The average of leaded dust levels on all floors, interior window sills or window troughs sampled exceeds the applicable standard by a factor of 10 or more	<input type="checkbox"/> Interim controls and/or abatement or mix of two including but not necessarily limited to dust removal. (excluding window replacement)	<input type="checkbox"/> 6 Months, 1 Year, 2 Years	<input type="checkbox"/> Same as schedule 3
		<input type="checkbox"/> Treatments specified in A (including window replacement)	<input type="checkbox"/> 6 Months, 2 Years	<input type="checkbox"/> Same as schedule 3
		<input type="checkbox"/> Abatement of all LBP using encapsulation and enclosure	<input type="checkbox"/> None	<input type="checkbox"/> Same as schedule 3
		<input type="checkbox"/> Removal of all LBP	<input type="checkbox"/> None	<input type="checkbox"/> None
5	<input type="checkbox"/> No leaded dust or leaded soil hazards identified, but LBP or LBP hazards are found	<input type="checkbox"/> Interim controls or mix of interim controls & abatement (excluding window replacement)	<input type="checkbox"/> 2 Years	<input type="checkbox"/> Same as schedule 3
		<input type="checkbox"/> Interim controls or mix of interim controls & abatement (including window replacement)	<input type="checkbox"/> 3 Years	<input type="checkbox"/> Same as schedule 3
		<input type="checkbox"/> Abatement of all LBP hazards but not all LBP	<input type="checkbox"/> 4 Years	<input type="checkbox"/> Same as schedule 3
		<input type="checkbox"/> Abatement of all LBP using encapsulation or enclosure	<input type="checkbox"/> None	<input type="checkbox"/> Same as schedule 3
		<input type="checkbox"/> Removal of all LBP	<input type="checkbox"/> None	<input type="checkbox"/> None
6	<input type="checkbox"/> Bare leaded soil exceeds standard but less than 5,000 µg/g	<input type="checkbox"/> Interim controls	<input type="checkbox"/> None	<input type="checkbox"/> Three months to check new ground cover, then annually to identify new bare spots
7	<input type="checkbox"/> Bare leaded soil greater than or equal to 5,000 µg/g	<input type="checkbox"/> Abatement (paving or removal)	<input type="checkbox"/> None	<input type="checkbox"/> None for removal, annually to identify new bare spots or deterioration of paving



DISCLOSURE LETTER E-2

This notice should accompany this report and be provided to any potential buyer or lessor of the property addressed in this assessment prior to any closing transaction.

The results of this lead-based paint risk assessment must be provided to new lessees (tenants) and prospective buyers of this property under Federal Law (24 CFR part 35 and 40 CFR Part 745) before they become obligated under a lease or sales contract. The complete report must be provided by the owner to prospective buyers and it must be made available to prospective tenants, and to renewing tenants if they have not been provided the information previously. The risk assessor’s plain language summary of the report must be provided to the client (e.g., property owner or manager) when the complete report is provided. The landlord (lessor) or seller is also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency and include the Lead Warning Statement in the leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards. Complete disclosure requires the landlord/sellers and renters/buyers (and their agents) to sign and date acknowledgement that the required information and materials were provided and received. Also, prospective buyers must be provided the opportunity to have their own lead-based paint inspection, lead hazard screen, and/or risk assessment performed before the purchase agreement is signed; the standard period is 10 days, but this period may be changed or waived by agreement between the seller and prospective buyer. EPA regulations require the risk assessor to keep the risk assessment report for at least 3 years.

ABATEMENT & INTERIM CONTROLS COST ESTIMATES E-3

The following estimates are a reflection of average prices for remediation work. Abatement costs vary according to location, materials used and market changes. These prices are not intended to be used for bid purposes. PSI encourages the client to solicit actual bids from qualified lead abatement contractors for any work resulting from this assessment

Abatement Methods	Cost / Unit	Interim Control Methods	Cost / Unit
Scrape/Encapsulate Wood/Metal	\$5 / Sq Ft	Repair/Paint	\$3.50/ Sq Ft
Enclose Wood/Plaster/Drywall Surface	\$4-6 / Sq Ft	Line Troughs, reduce friction/ impact points	\$300-400 / ea
Replace windows	\$ 400-600 / ea	Wet plane friction & impact points, repaint	\$45-60 ea.
Replace door and casing	\$300-425 / ea.	Rototill soil and seed or sod	\$4.50-6/Sq Ft
Remove and replace contaminated soil	\$25 / cubic Ft		



SECTION F: PHA MANAGEMENT INFORMATION

Management information as provided by the client on December 12, 2018 is included on the following pages.

**Form 5.6 Questionnaire for a Lead Hazard Risk Assessment of
More Than Four Rental Dwelling Units. Page 1 of 4**

(This form is designed for multiple rental dwellings under one ownership. Such dwellings may be in one or more than one property.)

Name of owner Saint Paul PHA

Name of risk assessor _____ Date of completion of this form ____ / ____ / ____

1. Information on Properties (Attach list if there are more than 4 properties.)

Property Address	Name of Development (if applicable)	Year Built	Year of Substantial Rehabilitation	No. of Buildings	No. of Dwelling Units	Previous LBP Evaluation? (If yes, obtain report)	Previous LBP Hazard?(If yes, obtain report)	Code Violation Reports? (If yes, obtain report)
<u>Roosevelt Homes</u>		<u>1952</u>	<u>198 - '01</u>	<u>64</u>	<u>320</u>			

2. Information for Targeted Sampling (Attach list if there are more than 10 dwelling units. It is not necessary to complete the following table if not using targeted sampling. Refer to Chapter 7 for guidance on random sampling.)

Property Address (For units at same address, enter address once, and enter ditto marks or down-arrow.)	Dwelling unit no.	No. of children < 6 years old	Code violations in past year?	Chronic maintenance problem reported by owner?	Recently prepared for reoccupancy?	Comments

Form 5.6 Questionnaire for a Lead Hazard Risk Assessment of More Than Four Rental Dwelling Units.

5. Management Information (Optional)

- a. 1) Attach a list of names and contract information for individuals who have responsibility for lead-based paint. Include owner, property manager (if applicable), maintenance supervisor and staff (if applicable), and others. Include any training in lead hazard control work (by inspector, supervisor, worker, etc.) that has been completed. This information will be needed to devise the management plan contained in the risk assessor's report.
 2) Is the property owner or property management firm (if separate) a certified lead renovation firm? Yes No
 (If yes, list the name of each certified firm and the expiration date of its renovation firm certification.)

b. Maintenance usually conducted at time of dwelling turnover, including typical cleaning, repainting, and repair activity:

Repainting yes
 Cleaning yes
 Repair yes
 Other _____

Comments _____

c. Employee and worker safety plan.

- 1) Is there an occupational safety and health plan for maintenance workers? Yes No (If yes, attach plan.)
 2) Are any employees certified lead renovators or certified lead abatement supervisors? Yes No
 (If yes, list, for each certified individual, the person's name, type of certification and certification expiration date.)
 3) If answer 2 is "No," Are workers trained in lead hazard recognition? Yes No (If yes, what was the title, and who did the training?)
 4) Are workers involved in a lead hazard communication program? Yes No (If yes, attach plan.)
 5) Are workers trained in proper use of respirators? Yes No
 6) Is there a medical surveillance program pertaining to lead? Yes No
 7) Is a HEPA vacuum available? Yes No

d. On-site child care center facilities.

- 1) Are there any onsite child-care facilities, whether licensed or unlicensed? Yes No
 2) If yes, give location(s): _____

e. Planning for resident children with elevated blood lead levels (EBLs):

- 1) Who would respond for the owner if a resident child with an EBL is identified? Maintenance Contracts
 2) Is there a plan to relocate such children? Yes No If yes, where?
 3) Does the owner know if there ever has been a resident child with an elevated blood lead level? Yes No Unknown

f. Routine Inspections. Are there periodic inspections of all dwellings by the owner? Yes No

- 1) If yes, how often? Every year
 2) Is the paint condition assessed during these inspections? Yes No

g. Notification of Residents. If previously detected lead-based paint that is unabated exists in the dwelling, have the residents been informed?
 Yes No Not Applicable

**Form 5.6 Questionnaire for a Lead Hazard Risk Assessment
of More Than Four Rental Dwelling Units.**

6. Maintenance Information (Optional)

- a. Painting frequency and methods /
- 1) How often is painting completed? Every _____ years *Unit turnover*
 - 2) Is painting completed upon vacancy, if necessary? Yes No
 - 3) Who does the painting? Property Owner Residents (If residents, skip to Question b.) *Contractor*
 - 4) Is painting accompanied by scraping, sanding, or paint removal? Yes No
 - 5) How are paint dust/chips cleaned up? (check any that apply)
 Sweeping Vacuum Mopping HEPA/wet wash/HEPA cycle
 - 6) Is the work area sealed off during painting? Yes No
 - 7) Is furniture removed from the work area? Yes No
 - 8) If no, is furniture covered with plastic during work? Yes No
- b. Is there a preventive maintenance program? Yes No
- 1) If yes, does it include an ongoing maintenance program for lead? Yes No (If yes, attach ongoing maintenance plan for lead.)
- c. Describe work order system (if applicable, attach copy of work order form).
Annual inspections
- d. How are resident complaints received and addressed? How are requests prioritized? If formal work orders are issued, is the presence or potential presence of lead-based paint considered in the work instructions?
*Work order System.
Calls arrive from residents.
Emergencies addressed first.
Contractors used for corrections.*



SECTION G: WARRANTY

The field and laboratory results reported herein are considered sufficient in detail and scope to determine the presence of accessible and/or exposed lead-based paint (LBP) for the building structure. Professional Service Industries, Inc., warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of its preparation as applied by professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report. A copy of personnel certifications has been provided for your review. PSI's evaluation of the relative risk of exposure to lead identified during this assessment is based on conditions observed at the time of the evaluation. PSI cannot be responsible for changing conditions that may alter the relative exposure risk or future changes in accepted methodology.

The survey and analytical methods have been used to provide the client with information regarding the presence of accessible and/or exposed suspect LBP existing at the time of the inspection. Test results are valid only for the material(s) tested. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit. This inspection covered only those areas that were exposed and/or physically accessible to the Inspector. The study is also limited to the information available from the client at the time it was conducted.

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminants in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.

No other warranties are implied or expressed.



SECTION H: CERTIFICATIONS

MINNESOTA DEPARTMENT OF HEALTH

has authorized

**PROFESSIONAL SERVICE INDUSTRIES, INC.
2915 WATERS RD SUITE 112
EAGAN, MINNESOTA 55121**

In accordance with Minnesota Statutes, section 144.9505 and Minnesota Rules, part 4761.2200, to practice in the State of Minnesota as a

CERTIFIED LEAD FIRM

**LICENSE NO: LF150
EXPIRES: 07/20/2019**

THIS CERTIFICATE IS NONTRANSFERABLE



A handwritten signature in black ink, appearing to read 'TP Hogan'.

**Thomas P. Hogan, Director
Environmental Health Division**



J. Frahm
Director, Env. Health Div.

m LEAD
DEPARTMENT OF HEALTH **Risk Assessor**
Licensed by:
State of Minnesota
Department of Health
License No. LR5431
Expires 02/16/2019

Jacob Y. Frahm
4318 Kings Dr
Minnetonka, MN 55345

Certificate No: 5LM02161801PbRA

Issue Date: February 16, 2018

This diploma is awarded to
Jacob Frahm
4318 Kings Dr Minnetonka MN 55345
for successfully completing and passing the examination for the
LEAD (Pb) RISK ASSESSOR
INITIAL TRAINING COURSE

This training course is Approved by the State of Minnesota
under Minnesota Rules, parts 4761.2000 to 4761.2700
and meets the requirements of 40 CFR 745.225,
and Title X of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.

White Bear Lake, MN on February 15 - 16, 2018
Examination Date: February 16, 2018

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811

Bob Rogalla
Bob Rogalla - Training Course Manager

Certificate No: 5LM11081802PbRAR

Issue Date: November 8, 2018

This diploma is awarded to

John Lynch

1303 Crestridge Ln Eagan MN 55123

for successfully completing and passing the examination for the

**LEAD (Pb) RISK ASSESSOR
REFRESHER TRAINING COURSE**

This training course is Approved by the State of Minnesota
under Minnesota Rules, parts 4761.2000 to 4761.2700
and meets the requirements of 40 CFR 745.225,
and Title X of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.

White Bear Lake, MN on November 8, 2018

Examination Date: November 8, 2018

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811

Bob Rogalla - Training Course Manager



Director, Env. Health Div.

 **LEAD**
DEPARTMENT OF HEALTH Risk Assessor

Licensed by:
State of Minnesota
Department of Health

License No. LR4182
Expires 11/08/2019

John Lynch
1303 Crestridge LN
Eagan, MN 55123

Certificate No: 5LM04091807PbRAR

Issue Date: April 9, 2018

This diploma is awarded to

Michael Tjaden

389 Pascal St S St Paul MN 55105

for successfully completing and passing the examination for the

**LEAD (Pb) RISK ASSESSOR
REFRESHER TRAINING COURSE**

This training course is Approved by the State of Minnesota
under Minnesota Rules, parts 4761.2000 to 4761.2700
and meets the requirements of 40 CFR 745.225,
and Title X of the Toxic Substances Control Act (TSCA)

conducted by

Lake States Environmental, Ltd.

in

Duluth, MN on April 9, 2018


Examination Date: April 9, 2018

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811



Bob Rogala - Training Course Manager




Director, Env. Health Div.

 **LEAD**
DEPARTMENT OF HEALTH **Risk Assessor**

Licensed by:
State of Minnesota
Department of Health
License No. LR316
Expires 04/09/2019

Michael E Tjaden
389 Pascal St S
St Paul, MN 55105



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

Intertek-PSI, Inc.

850 Poplar Street, Pittsburgh, PA 15220

Laboratory ID: **100373**

Issue Date: 06/29/2018

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 06/07/1996

Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description <i>(for internal methods only)</i>
Paint		EPA SW-846 3050B	
		EPA SW-846 7000B	
		EPA SW-846 7420	
Soil		EPA SW-846 3050B	
		EPA SW-846 7000B	
		EPA SW-846 7420	
Settled Dust by Wipe		EPA SW-846 3050B	
		EPA SW-846 7000B	
		EPA SW-846 7420	
Airborne Dust		NIOSH 7082	

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>