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December 20, 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
McDonough Homes (MN1-1, MN1-4 and MN1-8) and Community Center
St. Paul, Minnesota
PSI Project No. 06731050-5

Dear Mr. Yang:

On November 2, 7, 9, 13, 14, 15, 16, 19, 21, 28, 29, 30 and December 3, 4, 5, 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:

MN 1-1

ADDRESS #	ROOM #	COMPONENT	LOCATION	SUBSTRATE	COLOR	CONDITION
135 BIGLOW #C	1 - BASEMENT	STAIR	X	WOOD	GRAY	FAIR
163 BIGLOW #A	1 - BASEMENT	HVAC DUCT	X	METAL	WHITE	FAIR

NOTE: X = not along a wall

MN 1-4

ADDRESS #	ROOM #	COMPONENT	LOCATION	SUBSTRATE	COLOR	CONDITION
117 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
121 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
123 ARLINGTON	1 - BASEMENT	POST	X	METAL	GRAY	POOR
125 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
129 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
133 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
135 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
137 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
139 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
147 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
149 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
151 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
153 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
155 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
159 ARLINGTON	1 - BASEMENT	POST	X	METAL	BROWN	FAIR
165 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
169 ARLINGTON	1 - BASEMENT	POST	X	METAL	GRAY	FAIR
171 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
173 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
175 ARLINGTON	1 - BASEMENT	POST	X	METAL	WHITE	POOR
177 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
179 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
181 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
183 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
189 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR
199 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	POOR

NOTE: X = not along a wall



MN 1-8

ADDRESS #	ROOM #	COMPONENT	LOCATION	SUBSTRATE	COLOR	CONDITION
255 ARLINGTON	1 - BASEMENT	POST	X	METAL	RED	FAIR
1451 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1453 L'ORIENT	1 - BASEMENT	POST	X	METAL	WHITE	FAIR
1455 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1459 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1481 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	POOR
	1 - BASEMENT	STAIR	X	WOOD	GRAY	POOR
	1 - BASEMENT	RAILING	X	WOOD	GRAY	POOR
1487 L'ORIENT	1 - BASEMENT	POST	X	METAL	WHITE	POOR
1489 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	POOR
1491 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	POOR
	1 - BASEMENT	POST	X	METAL	BROWN	POOR
	1 - BASEMENT	RAILING	X	WOOD	BROWN	POOR
	1 - BASEMENT	STAIR	X	WOOD	BROWN	FAIR
1493 L'ORIENT	1 - BASEMENT	POST	X	METAL	WHITE	FAIR
1497 L'ORIENT	1 - BASEMENT	POST	X	METAL	GRAY	POOR
1499 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	POOR
	1 - BASEMENT	STAIR	X	WOOD	BROWN	FAIR
1501 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1503 L'ORIENT	1 - BASEMENT	POST	X	METAL	DARK GRAY	FAIR
1515 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	POOR
1517 L'ORIENT	1 - BASEMENT	POST	X	METAL	BROWN	POOR
1525 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	POOR
	1 - BASEMENT	STAIR	X	WOOD	GRAY	FAIR
1527 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1537 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1539 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1541 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1543 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1547 L'ORIENT	1 - BASEMENT	POST	X	METAL	WHITE	POOR
1549 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	FAIR
1551 L'ORIENT	1 - BASEMENT	POST	X	METAL	WHITE	POOR
1553 L'ORIENT	1 - BASEMENT	POST	X	METAL	WHITE	POOR
1555 L'ORIENT	1 - BASEMENT	POST	X	METAL	RED	POOR

NOTE: X = not along a wall



Based on the HUD Guidelines, the following components must be treated as LBP throughout the buildings.

COMPONENT	# TESTED	# POSITIVE	% POSITIVE
Development Breakdown			
Development 1-4 – Basement Post	29	25	86
Development 1-8 – Basement Post	37	32	86

No other components 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:

	BASEMENT FLOORS	FLOORS (OTHER)	STAIRS	WINDOW SILLS	WINDOW TROUGHS
MN 1-1	13.1 µg/SqFt	10.1 µg/SqFt	6.1 µg/SqFt	13.6 µg/SqFt	NA
MN 1-4	38.8 µg/SqFt	10.5 µg/SqFt	18.0 µg/SqFt	14.8 µg/SqFt	NA
MN 1-8	149.7 µg/SqFt	10.1 µg/SqFt	38.4 µg/SqFt	15.5 µg/SqFt	NA
COMMUNITY CENTER	NA	< 10 µg/SqFt	NA	<11.2 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.

Forty-nine (49) of the individual dust wipe samples were found to contain lead dust above the respective regulatory standards.

MN 1-1

ADDRESS #	ROOM #	COMPONENT	LEAD
1493 KLEINERT	1 – BASEMENT	FLOOR	89 µg/SqFt
1505 KLEINERT	1 – BASEMENT	FLOOR	50 µg/SqFt



MN 1.4

ADDRESS #	ROOM #	COMPONENT	LEAD
123 ARLINGTON	1 – BASEMENT	FLOOR	180 ug/SqFt
135 ARLINGTON	1 – BASEMENT	FLOOR	420 µg/SqFt
149 ARLINGTON	1 – BASEMENT	STAIR	74 µg/SqFt
151 ARLINGTON	1 – BASEMENT	STAIR	150 ug/SqFt
173 ARLINGTON	1 – BASEMENT	FLOOR	92 µg/SqFt
179 ARLINGTON	1 – BASEMENT	FLOOR	84 µg/SqFt
183 ARLINGTON	1 – BASEMENT	FLOOR	69 µg/SqFt
	1 – BASEMENT	STAIR	79 µg/SqFt
197 ARLINGTON	1 – BASEMENT	STAIR	55 µg/SqFt

MN 1-8

ADDRESS #	ROOM #	COMPONENT	LEAD
1451 L'ORIENT	1 – BASEMENT	FLOOR	390 µg/SqFt
1455 L'ORIENT	1 – BASEMENT	FLOOR	420 µg/SqFt
	1 – BASEMENT	STAIR	52 µg/SqFt
1459 L'ORIENT	1 – BASEMENT	FLOOR	200 µg/SqFt
1481 L'ORIENT	1 – BASEMENT	FLOOR	68 µg/SqFt
1487 L'ORIENT	1 – BASEMENT	FLOOR	56 µg/SqFt
1491 L'ORIENT	1 – BASEMENT	FLOOR	78 µg/SqFt
	1 – BASEMENT	STAIR	76 ug/SqFt
1495 L'ORIENT	1 - BASEMENT	STAIR	63 ug/SqFt
	1 – BASEMENT	FLOOR	82 ug/SqFt
1499 L'ORIENT	1 – BASEMENT	STAIR	50 ug/SqFt
	1 - BASEMENT	FLOOR	110 ug/SqFt
1501 L'ORIENT	1 - BASEMENT	FLOOR	41 ug/SqFt
1503 L'ORIENT	1 - BASEMENT	STAIR	41 ug/SqFt
	1 - BASEMENT	FLOOR	49 ug/SqFt
1505 L'ORIENT	1 – BASEMENT	STAIR	170 ug/SqFt
	1 - BASEMENT	FLOOR	400 ug/SqFt
1509 L'ORIENT	1 – BASEMENT	FLOOR	110 µg/SqFt
	1 – BASEMENT	STAIR	98 µg/SqFt
1525 L'ORIENT	1 - BASEMENT	STAIR	48 ug/SqFt
	1 - BASEMENT	FLOOR	62 ug/SqFt
1527 L'ORIENT	1 - BASEMENT	STAIR	40 ug/SqFt
	1 - BASEMENT	FLOOR	240 ug/SqFt
1529 L'ORIENT	1 - BASEMENT	STAIR	84 ug/SqFt
	1 - BASEMENT	FLOOR	43 ug/SqFt
1531 L'ORIENT	1 - BASEMENT	STAIR	56 ug/SqFt
	1 - BASEMENT	FLOOR	410 ug/SqFt
1537 L'ORIENT	1 – BASEMENT	STAIR	48 ug/SqFt
	1 - BASEMENT	FLOOR	1,000 ug/SqFt
1539 L'ORIENT	1 - BASEMENT	FLOOR	75 ug/SqFt



1541 L'ORIENT	1 - BASEMENT	STAIR	51 ug/SqFt
	1 - BASEMENT	FLOOR	53 ug/SqFt
1549 L'ORIENT	1 - BASEMENT	STAIR	67 ug/SqFt
	1 - BASEMENT	FLOOR	860 ug/SqFt
1551 L'ORIENT	1 - BASEMENT	STAIR	61 ug/SqFt
1555 L'ORIENT	1 - BASEMENT	FLOOR	110 ug/SqFt

These areas should be cleaned using lead-safe practices and retested. All basement stairs and basement floors should also be cleaned or additional wipe testing conducted to determine where dust hazards exist.

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 (1) of the soil samples collected for this assessment exceeded the soil-lead hazard standard.

SAMPLE NO.	ADDRESS	LOCATION	BARE/COVERED	RESULT (µg/g)
161-A-DS	161 ARLINGTON	DRIP LINE	BARE	600

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

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

DRIP LINE	BARE SOIL	PLAY AREA
52 µg/g	37 µg/g	21 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.

A handwritten signature in blue ink that reads "Jacob Frahm".

Jacob Frahm, MDH Risk Assessor No. LR3835

A handwritten signature in blue ink that reads "John Lynch".

John Lynch, MDH Risk Assessor No. LR4182

A handwritten signature in black ink that reads "Michael Tjaden".

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 development and the number of units in the development, statistically random 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:		06731050-5		Test Block 1:	1.2	1.1	1.1	9:00am
				Test Block 2:	1.1	1.1	1.0	1200pm
Risk Assessor:		Jacob Frahm		Test Block 3:				
Development		McDonough		LPA-1 #	1170			
Date:		11/2/2018						
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1461 Klainert #A								
No deteriorated surfaces								
1493 Klainert #C								
No deteriorated surfaces								
1480 Klainert #A								
1	1	Wall	C	Block	White	Fair	0.4	
2	4	Sill	C	Metal	Tan	Fair	0.3	
3	7	Sill	D	Metal	Tan	Fair	-0.2	
1481 Klainert #B								
4	1	Floor	X	Concrete	Brown	Poor	0.0	
1492 Klainert #B								
5	1	Floor	X	Concrete	Gray	Poor	0.0	
6	1	HVAC Ducts	X	Metal	White	Fair	0.6	
1492 Klainert #C								
7	1	Floor	X	Concrete	Gray	Poor	0.1	
8	1	Wall	C	Block	White	Fair	0.1	
9	1	Stair	X	Wood	Gray	Fair	0.2	
1493 Klainert #D								
10	1	Floor	X	Concrete	Brown	Poor	0.2	
1496 Klainert #A								
11	1	Stair	X	Wood	Gray	Fair	0.2	
1505 Klainert #B								
12	1	Floor	X	Concrete	Gray	Poor	0.2	
1501 Klainert #C								
1	4	Sill	C	Metal	White	Fair	0.5	



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-5			Test Block 1:	1.4	1.3	1.1	9:30am
				Test Block 2:	1.3	1.1	1.1	1:10Pm
Risk Assessor:	Jacob Frahm			Test Block 3:				
Development	McDonough			LPA-1 #	1170			
Date:	11/7/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1497 Klainert #D								
1	1	Stair	X	Wood	Gray	Fair	0.0	
2	1	Floor	X	Concrete	Tan	Poor	-0.1	
1572 Timberlake #B								
3	1	Wall	A	Block	White	Fair	0.4	
4	1	Wall	C	Block	White	Fair	-0.1	
1475 Timberlake #G								
5	1	Railing	X	Wood	White	Fair	0.1	
1479 Timberlake #A								
6	1	Railing	X	Wood	White	Fair	0.3	
1479 Timberlake #B								
No deteriorated surfaces								
1491 Timberlake #G								
7	1	Floor	X	Concrete	Tan	Poor	0.6	
1549 Timberlake #D								
8	1	Wall	A	Block	White	Poor	0.3	
9	1	HVAC Duct	X	Metal	Gray	Poor	0.3	
10	1	Floor	X	Concrete	Tan	Fair	0.7	
1505 Klainert #D								
11	1	Wall	D	Block	White	Fair	0.2	
12	1	Floor	X	Concrete	Gray	Poor	0.5	
1508 Klainert #B								
13	1	Stair	X	Wood	Gray	Fair	0.4	
1516 Klainert #C								
14	1	Floor	X	Concrete	Gray	Poor	0.3	
15	1	HVAC Duct	X	Metal	Tan	Poor	0.5	
1516 Klainert #B								
No deteriorated surfaces								



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-5		Test Block 1:	1.2	1.0	1.0	9:00am	
			Test Block 2:	1.1	1.2	1.0	1pm	
Risk Assessor:	Jacob Frahm		Test Block 3:					
Development	McDonough		LPA-1 #	1170				
Date:	11/9/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1564 Timberlake #A								
1	1	Stair	X	Wood	Gray	Fair	0.2	
1569 Timberlake #A								
2	1	Floor	X	Concrete	Gray	Poor	0	
1572 Timberlake #A								
3	1	Wall	C	Block	White	Fair	0.0	
4	1	HVAC Duct	X	Metal	White	Fair	0.5	
1576 Timberlake #C								
No deteriorated surfaces								
1585 Timberlake #C								
No deteriorated surfaces								
1605 Timberlake #D								
5	1	Wall	D	Block	Tan	Poor	0.3	
6	1	HVAC Duct	X	Metal	Tan	Fair	0.7	
7	1	Wall	C	Block	Tan	Fair	0.2	
1609 Timberlake #C								
8	1	Stair	X	Wood	Gray	Fair	0.1	
9	1	Floor	X	Concrete	Gray	Poor	0.2	



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-5		Test Block 1:	1.4	1.2	1.0	9:20am	
			Test Block 2:	1.2	1.0	1.1	1:20pm	
Risk Assessor:	Jacob Frahm		Test Block 3:					
Development:	McDonough		LPA-1 #	1170				
Date:	11/13/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1612 Timberlake #G								
1	1	Stair	X	Wood	Blue	Poor	0.1	
2	1	Railing	X	Wood	White	Poor	0.3	
3	Stairwell	Railing	X	Wood	White	Poor	0.2	
1617 Timberlake #B								
4	1	Stair	X	Wood	Gray	Fair	-0.1	
5	4	Sill	D	Metal	White	Fair	-0.1	
1620 Timberlake #C								
6	1	Stair	X	Wood	Gray	Fair	-0.1	
7	4	Sill	B	Metal	White	Fair	0.5	
1620 Timberlake #E								
8	1	Stair	X	Wood	Gray	Fair	0.1	
9	5	Sill	B	Metal	White	Fair	0.7	
10	6	Sill	D	Metal	White	Fair	0.6	
1628 Timberlake #A								
11	1	Stair	X	Wood	Gray	Poor	0.2	
12	Stairwell	Railing	X	Wood	White	Poor	-0.1	
1628 Timberlake #C								
13	1	Stair	X	Wood	Gray	Fair	0.2	
108 Biglow #D								
No deteriorated paint								
108 Biglow #F								
No deteriorated paint								
120 Biglow #F								
No deteriorated paint								
124 Biglow #H								
No deteriorated paint								
128 Biglow #F								
No deteriorated paint								
128 Biglow #H								
No deteriorated paint								



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-5		Test Block 1:	1.3	1.0	1.0	8:50am	
			Test Block 2:	1.3	1.2	1.1	12:40pm	
Risk Assessor:	Jacob Frahm		Test Block 3:					
Development	McDonough		LPA-1 #	1170				
Date:	11/14/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
135 Biglow #C								
1	1	Stair	X	Wood	Gray	Fair	2.5	4
139 Biglow #A								
2	1	Stair	X	Wood	Gray	Fair	0.3	
3	1	Wall	A	Block	White	Fair	0.1	
4	1	HVAC Duct	X	Metal	Yellow	Fair	0.8	
139 Biglow #B								
5	1	Floor	X	Concrete	Gray	Poor	0.6	
6	1	Wall	C	Block	Gray	Fair	0.0	
139 Biglow #D								
7	1	Stair	X	Wood	Gray	Fair	0.3	
8	1	Wall	C	Block	Yellow	Fair	0.5	
151 Biglow #D								
9	1	Stair	X	Wood	Gray	Fair	0.2	
155 Biglow #D								
10	1	Wall	C	Block	White	Fair	0.5	
159 Biglow #C								
No deteriorated paint								
163 Biglow #A								
11	1	HVAC Duct	X	Metal	White	Fair	1.1	25
164 Biglow #B								
12	1	HVAC Duct	X	Metal	Blue	Fair	0.7	
164 Biglow #D								
13	1	Stair	X	Wood	Gray	Fair	0.6	
171 Biglow #B								
14	1	Stair	X	Wood	Gray	Fair	0.5	
15	Stairwell	Railing	X	Wood	White	Poor	0.4	



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-5		Test Block 1:	1.1	0.9	0.9	840am	
			Test Block 2:	1.0	1.0	1.1	11am	
Risk Assessor:	Jacob Frahm		Test Block 3:					
Development	McDonough		LPA-1 #	1170				
Date:	11/15/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
136 Biglow #A								
1	1	Railing	X	Wood	White	Fair	-0.1	
2	Stairwell	Railing	X	Wood	White	Fair	0.1	
176 Biglow #D								
3	1	Floor	X	Concrete	Brown	Poor	0.0	
187 Biglow #A								
4	1	Wall	C	Block	White	Fair	0.1	



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-5			Test Block 1: 1.3	1.2	1.1	855am	
				Test Block 2: 1.0	1.0	1.1	11am	
Risk Assessor:	Jacob Frahm			Test Block 3:				
Development	McDonough			LPA-1 #	1170			
Date:	11/16/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
188 Biglow #A								
1	1	Floor	X	Concrete	White	Fair	0.2	
2	1	HVAC Duct	X	Metal	Gray	Poor	0.3	
117 Arlington								
3	1	Post	X	Metal	Red	Poor	9.5	18
4	1	Stair	X	Wood	Gray	Fair	0.2	
121 Arlington								
5	1	Post	X	Metal	Red	Poor	9.2	18
6	1	Stair	X	Wood	Gray	Fair	0.1	
123 Arlington								
7	2	Door	A	Metal	Brown	Fair	0.2	
8	1	Post	X	Metal	Gray	Poor	8.7	18
125 Arlington								
9	1	Post	X	Metal	Red	Poor	7.6	18
10	1	Railing	A	Wood	Gray	Fair	0.1	
129 Arlington								
11	1	Post	X	Metal	Red	Poor	6.9	18
12	1	Railing	A	Wood	Gray	Fair	-0.1	
13	1	Stair	X	Wood	Gray	Fair	0.0	
131 Arlington								
14	1	Stair	X	Wood	Gray	Fair	0.1	
15	3	Door	D	Wood	White	Fair	0.0	
133 Arlington								
16	3	Door	A	Metal	Brown	Fair	0.0	
17	1	Post	X	Metal	Red	Poor	8.7	18
135 Arlington								
18	1	Post	X	Metal	Red	Poor	8.7	18
19	1	Wall	C	Block	White	Fair	0.2	
20	3	Door Frame	A	Wood	White	Fair	0.0	
21	6	Wall	A	Wallboard	White	Fair	0.0	
22	6	Wall	D	Wallboard	White	Fair	0.0	
137 Arlington								
23	1	Post	X	Metal	Red	Poor	8.2	18
24	1	Wall	C	Block	White	Fair	-0.1	
25	1	Stair	X	Wood	Gray	Fair	0.0	
26	1	HVAC Duct	X	Metal	White	Fair	0.0	

Project Name:		Lead Risk Assessment		1	2	3	Time	
Project Number:		06731050-5		Test Block 1:	1.3	1.1	1.1	8:45
				Test Block 2:	1.1	1.2	1.0	12:30
Risk Assessor:		Jacob Frahm		Test Block 3:	1.2	0.9	0.8	1:30
Development		McDonough		LPA-1 #	1170			
Date:		11/19/2018						
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
175 Arlington								
1	1	Post	X	Metal	White	Poor	7.3	18
2	1	Water Pipes	X	Metal	White	Poor	0.8	
173 Arlington								
3	1	Post	X	Metal	Red	Poor	5.9	18
4	1	Stair	X	Wood	Gray	Fair	0.2	
171 Arlington								
5	1	Post	X	Metal	Red	Poor	6.7	18
6	1	Railing	C	Wood	White	Poor	0.2	
7	1	Stair	X	Wood	Gray	Fair	0.1	
8	1	Wall	C	Black	White	Fair	0.1	
169 Arlington								
9	1	Post	X	Metal	Grey	Fair	8.1	18
10	1	Stair	X	Wood	Gray	Fair	0	
11	1	Wall	C	Block	White	Fair	0	
165 Arlington								
12	1	Post	X	Metal	Red	Poor	5.9	18
13	1	Stair	X	Wood	Brown	Fair	0.1	
14	1	Wall	C	Block	White	Poor	0.0	
161 Arlington								
15	1	Wall	C	Block	White	Fair	0	
159 Arlington								
16	1	Post	X	Metal	Brown	Fair	9.9	18
17	1	Wall	A	Block	White	Fair	0.3	
18	1	Sink	A	Concrete	White	Fair	0.3	
155 Arlington								
19	1	Post	X	Metal	Red	Poor	4.7	18
20	1	Stair	X	Wood	Grey	Poor	0.2	
21	1	Railing	C	Wood	Grey	Poor	0.1	
153 Arlington								
22	1	Post	X	Metal	Red	Poor	7.0	18
139 Arlington								
23	1	Post	X	Metal	Red	Poor	9.9	18
24	1	Sair	X	Wood	Grey	Fair	0.2	
143 Arlington								
25	1	Post	X	Metal	Blue	Fair	0.0	
26	1	Wall	D	Block	White	Fair	0.1	



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	Hazard Key
Mt. Airy Community Center								
No deteriorated surfaces								
Roosevelt Community Center								
No deteriorated surfaces								
McDonough Community Center								
No deteriorated surfaces								

Project Name:		Lead Risk Assessment		1	2	3	Time	
Project Number:		06731050-5		Test Block 1:	1.3	1.0	1.0	9:00am
				Test Block 2:	1.2	1.1	1.2	100pm
Risk Assessor:		Jacob Frahm		Test Block 3:				
Development		McDonough		LPA-1 #	1170			
Date:		11/2/2018						
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
147 Arlington								
1	1	Post	X	Metal	Red	Poor	8.4	18
2	1	Stair	X	Wood	Grey	Poor	0.3	
No deteriorated surfaces								
149 Arlington								
3	1	Post	X	Metal	Red	Poor	3.8	18
4	1	Stair	X	Wood	Grey	Fair	0.1	
151 Arlington								
5	3	Door	D	Metal	Metal	Fair	0.2	
6	1	Post	X	Metal	Red	Poor	5.0	18
7	1	Sair	X	Wood	Grey	Fair	0.1	
177 Arlington								
8	1	Post	X	Metal	Red	Poor	8.6	18
9	1	Floor	X	Concrete	Brown	Poor	0.0	
179 Arlington								
10	1	Post	X	Metal	Red	Poor	7.8	18
181 Arlington								
11	1	Post	X	Metal	Red	Poor	7.3	18
183 Arlington								
12	1	Post	X	Metal	Red	Poor	9.9	18
13	1	Stair	X	Wood	Grey	Fair	-0.1	
14	1	Wall	C	Block	White	Fair	0.3	
189 Arlington								
15	1	Post	X	Metal	Red	Poor	7.1	18
16	1	Stair	X	Wood	Brown	Fair	0.2	
193 Arlington								
17	1	Post	X	Metal	Red	Poor	9.3	
18	1	Stair	X	Wood	Wood	Fair	0.3	
195 Arlington								
19	1	Post	x	Metal	Red	Poor	9.9	
20	1	Stair	X	Wood	Grey	Fair	0.2	
197 Arlington								
21	1	Post	X	Metal	Red	Poor	7.6	



Project Name:	Lead Risk Assessment			1	2	3	Time	
Project Number:	06731050-5			Test Block 1: 0.9	1.0	1.0	10:45am	
				Test Block 2: 0.9	1.0	0.9	100pm	
Risk Assessor:	Jacob Frahm			Test Block 3:				
Development	McDonough			LPA-1 #	1170			
Date:	11/29/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1481 L'Orient								
1	1	Post	X	Metal	Red	Poor	9.9	18
2	1	Stair	X	Wood	Grey	Poor	1.1	4
3	1	Railing	A	Wood	Grey	Poor	1.1	4
No deteriorated surfaces								
1487 L'Orient								
4	1	Post	X	Metal	White	Poor	9.9	18
1489 L'Orient								
5	1	Post	X	Metal	Red	Poor	7.9	18
6	2	Railing	C	Wood	White	Poor	-0.1	
199 Arlington								
7	1	Post	X	Metal	Red	Poor	6.5	18
8	1	Stair	X	Wood	Grey	Fair	0.0	
255 Arlington								
9	1	Post	X	Metal	Red	Fair	9.9	18
10	1	Stair	X	Wood	Grey	Fair	0.2	
11	2	Railing	A	Metal	White	Poor	-0.1	



Project Name:		Lead Risk Assessment		1	2	3	Time	
Project Number:		06731050-5		Test Block 1:	1.3	1.2	1.1	9:00am
				Test Block 2:	1.1	1.1	1.0	1200pm
Risk Assessor:		Jacob Frahm		Test Block 3:				
Development		McDonough		LPA-1 #	1170			
Date:		11/30/2018						
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1491 L'Orient								
1	1	Post	X	Metal	Red	Poor	9.9	18
2	1	Post	X	Metal	Brown	Poor	9.9	18
3	1	Railing	A	Wood	Brown	Poor	1.1	4
4	1	Stair	X	Wood	Brown	Fair	1.5	4
5	1	Wall	D	Block	White	Fair	-0.1	
6	4	Railing	L	Wood	White	Fair	-0.1	
1451 L'Orient								
7	1	Post	X	Metal	Red	Fair	9.9	18
1453 L'Orient								
9	1	Post	X	Metal	White	Fair	9.9	18
10	1	Stair	X	Wood	Gray	Fair	-0.1	
1455 L'Orient								
12	1	Post	X	Metal	Red	Fair	9.9	18
1459 L'Orient								
13	1	Post	X	Metal	Red	Fair	9.9	18
14	1	Stair	X	Wood	Grey	Fair	0.6	
15	1	Floor	X	Concrete	Brown	Fair	-0.2	

Project Name:		Lead Risk Assessment		1	2	3	Time	
Project Number:		06731050-5		Test Block 1:	1.1	0.9	0.9	9:00am
				Test Block 2:	1.1	1.0	1.0	1230pm
Risk Assessor:		Jacob Frahm		Test Block 3:				
Development		McDonough		LPA-1 #	1170			
Date:		12/3/2018						
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1529 L'Orient								
1	1	Post	X	Metal	Red	Poor	9.9	18
2	1	I- Beam	C	Metal	Red	Fair	9.9	18
3	2	Railing	C	Wood	White	Poor	0.2	
1531 L'Orient								
4	1	Post	X	Metal	Red	Poor	9.9	18
5	4	Railing	C	Wood	White	Poor	0.1	
1495 L'Orient								
6	1	Post	X	Metal	Red	Fair	9.9	18
1497 L'Orient								
7	3	Door	D	Metal	Brown	Fair	0.2	
8	1	Post	X	Metal	Red	Red	9.9	18
9	1	Stair	X	Wood	Brown	Brown	1.1	4
1501 L'Orient								
10	1	Post	X	Metal	Red	Fair	9.9	18
1503 L'Orient								
11	3	Poor	B	Metal	Brown	Fair	0.1	
12	3	Railing	C	Wood	White	Poor	0.3	
13	1	Post	X	Metal	D. Grey	Fair	9.9	18
1505 L'Orient								
14	1	Post	X	Metal	Red	Poor	9.9	
15	2	Railing	C	Wood	White	Poor	0.2	



Development	McDonough		LPA-1 #	1170				
Date:	12/3/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1509 L'Orient								
16	1	Post	X	Metal	Red	Fair	9.9	
17	1	Stair	X	Wood	Brown	Fair	0.1	
18	2	Railing	C	Wood	White	Poor	-0.2	
1521 L'Orient								
19	1	Post	X	Metal	Red	Poor	9.9	
20	1	Post	X	Metal	White	Poor	9.9	
21	2	Railing	C	Wood	White	Fair	0.1	
1523 L'Orient								
22	3	Railing	C	Wood	White	Poor	0.0	
23	1	Post	X	Metal	White	Fair	9.9	
24	1	Stair	X	Wood	Grey	Fair	0.1	



Project Name:		Lead Risk Assessment		1	2	3	Time	
Project Number:		06731050-5		Test Block 1:	1.3	1.1	1.1	9:00am
				Test Block 2:	1.1	1.0	1.0	1245pm
Risk Assessor:		Jacob Frahm		Test Block 3:				
Development		McDonough		LPA-1 #	1170			
Date:		12/4/2018						
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1515 L'Orient								
1	1	Post	X	Metal	Red	Poor	9.9	18
2	1	Wall	C	Block	White	Fair	0.2	
3	2	Railing	C	Wood	White	Poor	0.1	
1517 L'Orient								
4	1	Post	X	Metal	Brown	Poor	9.9	18
5	1	Floor	X	Concrete	Brown	Poor	-0.1	
6	2	Railing	A	Wood	White	Fair	-0.2	
1527 L'Orient								
7	1	Post	X	Metal	Red	Fair	9.9	18
1525 L'Orient								
8	1	Post	X	Metal	Red	Poor	9.9	18
9	1	Stair	X	Wood	Grey	Fair	2.0	4
1555 L'Orient								
10	2	Railing	C	Wood	White	Fair	0.1	
11	1	Post	X	Metal	Red	Poor	9.9	18
1553 L'Orient								
12	2	Railing	C	Wood	White	Poor	0.0	
13	1	Post	X	Metal	White	Poor	9.9	18
14	1	Floor	X	Concrete	White	Poor	-0.1	
1551 L'Orient								
15	2	Railing	C	Wood	White	Poor	0.1	
16	1	Post	X	Metal	White	Poor	9.9	18
1549 L'Orient								



Development	McDonough		LPA-1 #	1170				
Date:	12/4/2018							
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
17	1	Post	X	Metal	Red	Fair	9.9	18
1539 L'Orient								
18	3	Railing	C	Wood	White	Fair	0.0	
19	1	Post	X	Metal	Red	Fair	9.9	18
1537 L'Orient								
20	1	Post	X	Metal	Red	Fair	9.9	18
21	1	Floor	X	Concrete	Black	Poor	-0.1	
22	3	Railing	C	Wood	White	Poor	-0.1	
23	3	Door Jam	A	Plaster	White	Fair	0.1	

Project Name:		Lead Risk Assessment		1	2	3	Time	
Project Number:		06731050-5		Test Block 1:	1.0	1.0	1.0	8.45am
				Test Block 2:	1.1	1.2	1.1	11:00am
Risk Assessor:		Jacob Frahm		Test Block 3:				
Development		McDonough		LPA-1 #	1170			
Date:		12/5/2018						
Sample Number:	Room #	BLDG Component	Location	Substrate	Color	Condition	Reading	Hazard Key
1541 L'Orient								
1	1	Post	X	Metal	Red	Fair	9.9	18
2	3	Railing	C	Wood	White	Fair	0.3	
1543 L'Orient								
3	3	Railing	C	Wood	White	Fair	0.1	
4	1	Post	X	Metal	Red	Fair	9.9	18
5	1	Stair	X	Wood	Grey	Fair	0.7	
1547 L'Orient								
6	3	Railing	C	Wood	Red	Poor	0.0	
7	1	Post	X	Metal	White	Poor	9.9	18
1499 L'Orient								
8	1	Post	X	Metal	Red	Poor	9.9	18
9	1	Stair	X	Wood	Green	Fair	0.8	
10	3	Railing	C	Wood	Grey	Fair	-0.1	
1493 L'Orient								
11	3	Railing	C	Wood	White	Fair	-0.1	
12	1	Post	X	Metal	White	Fair	9.9	18
13	1	Wall	A	Block	Tan	Fair	0.0	



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: 06731050-5
 McDonough Homes
 1620 Timberlake - C

Date Received: 11/14/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811439 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1620-T-C-1	1		< 10	10
002A	1620-T-C-2	1		< 10	10
003A	1620-T-C-3	3.04		7.4	3.3
004A	1620-T-C-4	1		< 10	10
005A	1620-T-C-5	0.83		< 12	12
006A	1620-T-C-6	1		< 10	10
007A	1620-T-C-7	0.83		< 12	12
008A	1620-T-C-8	1		< 10	10
009A	1620-T-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.

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.

Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
Project Number: 06731050-5

Date: 11/13/18
Address/Unit Number: 1620 Timberlake #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)	
1620-TC-1	1	Floor	Yes	12x12	1		
-2	1	Floor	↓	12x12	1		
-3	2	Stair		11x39 3/4	3.04		
-4	3	Floor		12x12	1		
-5	4	Sill		12x80	0.93		
-6	4	Floor		12x12	1		
-7	6	Sill		12x80	0.83		
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1617 Timberlake - B

Date Received: 11/14/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811440 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1617-T-B-1	1		< 10	10
002A	1617-T-B-2	1		< 10	10
003A	1617-T-B-3	3.13		< 3.2	3.2
004A	1617-T-B-4	1		< 10	10
005A	1617-T-B-5	0.52		< 19	19
006A	1617-T-B-6	1		< 10	10
007A	1617-T-B-7	0.63		< 16	16
008A	1617-T-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.

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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

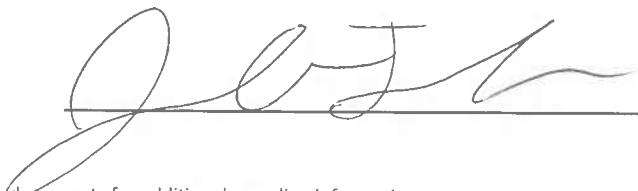
Page: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 1/13/18
 Address/Unit Number: 1617 Timberlake #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)
1617-T-B-1	2	Floor	Yes	12x12	1	
-2	3	Floor	↓	12x12	1	
-3	1	Stair		11 1/4 x 40	3.13	
-4	1	Floor		12x12	1	
-5	4	Sill		1 1/2 x 50	0.52	
-6	4	Floor		12x12	1	
-7	6	Sill		1 1/2 x 60	0.63	
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1612 Timberlake - G

Date Received: 11/14/2018 **Date Analyzed:** 11/16/2018 **Date of Issue:** 11/16/2018

Analyst: Keith Potts **Work Order:** 1811441 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1612-T-G-1	1		< 10	10
002A	1612-T-G-2	1		< 10	10
003A	1612-T-G-3	3.28		< 3.0	3.0
004A	1612-T-G-4	1		< 10	10
005A	1612-T-G-5	2.08		< 4.8	4.8
006A	1612-T-G-6	1		< 10	10
007A	1612-T-G-7	2.5		< 4.0	4.0
008A	1612-T-G-8	1		< 10	10
009A	1612-T-G-9	1.04		< 9.6	9.6
010A	1612-T-G-10	1		< 10	10
011A	1612-T-G-11	1.597		< 6.3	6.3
012A	1612-T-G-12	1		< 10	10
013A	1612-T-G-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.
 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)

Project Name: McDonough
Project Number: 06731050-5

Date: 11/3/18
Address/Unit Number: 1612 Timberlake #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)	
1612-F6-1	2	Floor	Yes	12x12	1		
-2	5	Floor		12x12	1		
-3	1	Stair		11/4x42	3.29		
-4	1	Floor		12x12	1		
-5	6	Sill		5x60	2.09		
-6	6	Floor		12x12	1		
-7	8	Sill		5x72	2.50		
-8	8	Floor		12x12	1		
-9	9	Sill		5x30	1.04		
-10	9	Floor		12x12	1		
-11	4	Sill		5x46	1.597		
-12	4	Floor		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: 06731050-5
 McDonough Homes
 1609 Timberlake - C

Date Received: 11/12/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811376 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1609-T-C-1	1		< 10	10
002A	1609-T-C-2	1		< 10	10
003A	1609-T-C-3	3.02		4.6	3.3
004A	1609-T-C-4	1		< 10	10
005A	1609-T-C-5	0.47		< 21	21
006A	1609-T-C-6	1		< 10	10
007A	1609-T-C-7	0.83		< 12	12
008A	1609-T-C-8	1		< 10	10
009A	1609-T-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page:	1	of	1
Project Name:	McDonough		
Project Number:	06731050-5		

Date: 11/9/18

Address/Unit Number: 1609 Timberlake #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)
1609-T-C-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x39 1/2	3.02	
-4	1	Floor		12x12	1	
-5	4	Sill		1 1/2 x 45	0.47	
-6	4	Floor		12x12	1	
-7	6	Sill		1 1/2 x 80	0.93	
-8	6	Floor		12x12	1	
-9		PLANK				

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: 06731050-5
 McDonough Homes
 1564 Timberlake - A

Date Received: 11/12/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811377 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1564-T-A-1	1		< 10	10
002A	1564-T-A-2	1		< 10	10
003A	1564-T-A-3	3.04		< 3.3	3.3
004A	1564-T-A-4	1		< 10	10
005A	1564-T-A-5	0.45		< 22	22
006A	1564-T-A-6	1		< 10	10
007A	1564-T-A-7	0.45		< 22	22
008A	1564-T-A-8	1		< 10	10
009A	1564-T-A-9	0.45		< 22	22
010A	1564-T-A-10	1		< 10	10
011A	1564-T-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/9/18
 Address/Unit Number: 1564 Timberlake #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)
1564-TA-1	2	Floor	Yes	12x12	1	
-3	3	Floor		12x12	1	
-3	1	Stair		11x39 3/4	0.304	
-4	1	Floor		12x12	1	
-5	4	Sill		1/2x43	0.45	
-6	4	Floor		12x12	1	
-7	6	Sill		1/2x43	0.45	
-8	6	Floor		12x12	1	
-9	7	Sill		1/2x43	0.45	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1569 Timberlake - A

Date Received: 11/12/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811378 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1569-T-A-1	1		< 10	10
002A	1569-T-A-2	1		< 10	10
003A	1569-T-A-3	3.04		< 3.3	3.3
004A	1569-T-A-4	1		10	10
005A	1569-T-A-5	0.73		< 14	14
006A	1569-T-A-6	1		< 10	10
007A	1569-T-A-7	0.73		< 14	14
008A	1569-T-A-8	1		< 10	10
009A	1569-T-A-9	0.997		< 10	10
010A	1569-T-A-10	1		< 10	10
011A	1569-T-A-11	0.83		< 12	12
012A	1569-T-A-12	1		< 10	10
013A	1569-T-A-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.
 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: McDonough
Project Number: 06731050-5

Date: 11/9/18
Address/Unit Number: 1569 Timberlake #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)
1569-7A-1	2	Floor	YES ↓	12x12	1	
-2	5	Floor		12x12	1	
-3	1	Stair		11x39 3/4	3.04	
-4	1	Floor		12x12	1	
-5	6	S:11		13/4x60	0.73	
-6	6	Floor		12x12	1	
-7	8	S:11		13/4x60	0.73	
-8	8	Floor		12x12	1	
-9	9	S:11		13/4x82	0.997	
-10	9	Floor		12x12	1	
-11	4	S:11		11/2x80	0.83	
-12	4	Floor		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: 06731050-5
 McDonough Homes
 1572 Timberlake - A

Date Received: 11/12/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811379 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1572-T-A-1	1		< 10	10
002A	1572-T-A-2	1		< 10	10
003A	1572-T-A-3	3.06		< 3.3	3.3
004A	1572-T-A-4	1		< 10	10
005A	1572-T-A-5	0.47		< 21	21
006A	1572-T-A-6	1		< 10	10
007A	1572-T-A-7	0.47		< 21	21
008A	1572-T-A-8	1		< 10	10
009A	1572-T-A-9	0.63		< 16	16
010A	1572-T-A-10	1		< 10	10
011A	1572-T-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.
 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)

Project Name: McDonough
 Project Number: 06731050-5

Date: 1/9/18
 Address/Unit Number: 1572 Timberlattice #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)	
1572-7-A-1	2	Floor	YES	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		12x45	0.47		
-6	4	Floor		12x12	1		
-7	6	Sill		12x45	0.47		
-8	6	Floor		12x12	1		
-9	7	Sill		12x60	0.63		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1576 Timberlake - C

Date Received: 11/12/2018 **Date Analyzed:** 11/14/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811373 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1576-T-C-1	1		< 10	10
002A	1576-T-C-2	1		< 10	10
003A	1576-T-C-3	3.09		< 3.2	3.2
004A	1576-T-C-4	1		< 10	10
005A	1576-T-C-5	0.43		< 23	23
006A	1576-T-C-6	1		< 10	10
007A	1576-T-C-7	0.43		< 23	23
008A	1576-T-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

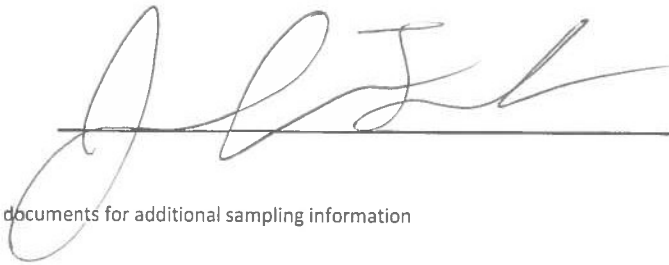
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/9/18
 Address/Unit Number: 1576 Timberlake #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)
157674-1	2	Floor	YES	12x12	1	
-2	3	Floor	↓	12x12	1	
-3	1	Stair		114x39 1/2	3.09	
-4	1	Floor		12x12	1	
-5	4	Sill		12x4 1/2	0.43	
-6	4	Floor		12x12	1	
-7	6	Sill		12x4 1/2	0.43	
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1585 Timberlake - C

Date Received: 11/12/2018 **Date Analyzed:** 11/14/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811374 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1585-T-C-1	1		< 10	10
002A	1585-T-C-2	1		< 10	10
003A	1585-T-C-3	3.13		< 3.2	3.2
004A	1585-T-C-4	1		< 10	10
005A	1585-T-C-5	0.97		< 10	10
006A	1585-T-C-6	1		< 10	10
007A	1585-T-C-7	0.61		< 16	16
008A	1585-T-C-8	1		< 10	10
009A	1585-T-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 1/9/18
 Address/Unit Number: 585 Timberlake #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)
1585-70-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11/4x40	3.13	
-4	1	Floor		12x12	1	
-5	4	Sill		3/4x80	0.97	
-6	4	Floor		12x12	1	
-7	6	Sill		3/4x50	0.61	
-8	6	Floor	▲	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: 06731050-5
 McDonough Homes
 1605 Timberlake - D

Date Received: 11/12/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811375 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1605-T-D-1	1		< 10	10
002A	1605-T-D-2	1		< 10	10
003A	1605-T-D-3	3.06		3.8	3.3
004A	1605-T-D-4	1		< 10	10
005A	1605-T-D-5	0.83		< 12	12
006A	1605-T-D-6	1		< 10	10
007A	1605-T-D-7	0.83		< 12	12
008A	1605-T-D-8	1		< 10	10
009A	1605-T-D-9	0.83		< 12	12
010A	1605-T-D-10	1		< 10	10
011A	1605-T-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/9/18
Address/Unit Number: 1605 Timberlake #10
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)	
1605-TD-1	2	Floor	YES	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		1/2x80	0.83		
-6	4	Floor		12x12	1		
-7	6	Sill		1/2x80	0.83		
-8	6	Floor		12x12	1		
-9	7	Sill		1/2x80	0.83		
-10	7	Floor		↓	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: 06731050-5
 McDonough Homes
 1497 Kleinert - D

Date Received: 11/8/2018 **Date Analyzed:** 11/12/2018 **Date of Issue:** 11/12/2018

Analyst: Keith Potts **Work Order:** 1811291 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1497-K-D-1	1		< 10	10
002A	1497-K-D-2	1		< 10	10
003A	1497-K-D-3	3.11		3.5	3.2
004A	1497-K-D-4	1		< 10	10
005A	1497-K-D-5	0.86		< 12	12
006A	1497-K-D-6	1		< 10	10
007A	1497-K-D-7	0.86		< 12	12
008A	1497-K-D-8	1		< 10	10
009A	1497-K-D-9	0.86		< 12	12
010A	1497-K-D-10	1		< 10	10
011A	1497-K-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

All quality control sample results are within the acceptance range, unless noted.
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Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
Project Number: 06731050-5

Date: 1/7/18
Address/Unit Number: 1407 Henry St
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)
1497+0-1	2	Floor	Yes	12x12	1	
-2	3	Floor	No (carpet)	12x12	1	
-3	1	Stair	Yes	11 1/4 x 39 3/4	3.11	
-4	1	Floor		12x12	1	
-5	4	S:11		1.5 x 83	0.86	
-6	4	Floor		12x12	1	
-7	6	S:11		1.5 x 83	0.86	
-8	6	Floor		12x12	1	
-9	7	S:11		1.5 x 83	0.86	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1572 Timberlake - B

Date Received: 11/8/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811292 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1572-T-B-1	1		< 10	10
002A	1572-T-B-2	1		< 10	10
003A	1572-T-B-3	3.13		11	3.2
004A	1572-T-B-4	1		32	10
005A	1572-T-B-5	0.88		< 11	11
006A	1572-T-B-6	1		< 10	10
007A	1572-T-B-7	0.88		< 11	11
008A	1572-T-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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/7/18
Address/Unit Number: 1572 Timberlake #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)
1572-T-B-1	2	Floor	YES	12x12	1	
-2	3	Floor	↓	12x12	1	
-3	1	Stair		11 1/4 x 40	3.13	
-4	1	Floor		12x12	1	
-5	4	Sill		1 1/2 x 84	0.89	
-6	4	Floor		12x12	1	
-7	6	Sill		1 1/2 x 84	0.89	
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1475 Timberlake - G

Date Received: 11/8/2018 **Date Analyzed:** 11/12/2018 **Date of Issue:** 11/12/2018

Analyst: Keith Potts **Work Order:** 1811293 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1475-T-G-1	1		< 10	10
002A	1475-T-G-2	1		< 10	10
003A	1475-T-G-3	3.17		4.3	3.2
004A	1475-T-G-4	1		< 10	10
005A	1475-T-G-5	1.23		< 8.1	8.1
006A	1475-T-G-6	1		< 10	10
007A	1475-T-G-7	1.53		< 6.5	6.5
008A	1475-T-G-8	1		< 10	10
009A	1475-T-G-9	1.18		< 8.5	8.5
010A	1475-T-G-10	1		< 10	10
011A	1475-T-G-11	1.15		< 8.7	8.7
012A	1475-T-G-12	1		< 10	10
013A	1475-T-G-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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 Sample results are not corrected for blanks.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/7/18
 Address/Unit Number: 1475 Timberlake #6
 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)	
1475-T-6-1	2	Floor	YES	12x12	1		
-2	5	Floor		12x12	1		
-3	1	Stair		11x4 1/2	3.17		
-4	1	Floor		12x12	1		
-5	6	Sill		5 1/2 x 29 1/2	1.23		
-6	6	Floor		12x12	1		
-7	8	Sill		5 1/2 x 40	1.53		
-8	8	Floor		12x12	1		
-9	9	Sill		5 1/2 x 31	1.18		
-10	9	Floor		12x12	1		
-11	4	Sill		5 1/2 x 30	1.15		
-12	4	Floor		▼	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: 06731050-5
 McDonough Homes
 1479 Timberlake - A

Date Received: 11/8/2018 **Date Analyzed:** 11/12/2018 **Date of Issue:** 11/12/2018

Analyst: Keith Potts **Work Order:** 1811294 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1479-T-A-1	1		< 10	10
002A	1479-T-A-2	1		< 10	10
003A	1479-T-A-3	3.15		< 3.2	3.2
004A	1479-T-A-4	1		< 10	10
005A	1479-T-A-5	0.72		< 14	14
006A	1479-T-A-6	1		< 10	10
007A	1479-T-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.
 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)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/7/18
 Address/Unit Number: 1479 Timberlake #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)
1479-FA-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x4 1/4	3.15	
-4	1	Floor		12x12	1	
-5	4	Sill		2 1/2 x 4 1/2	0.72	
-6	4	Floor		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: 06731050-5
 McDonough Homes
 1479 Timberlake - B

Date Received: 11/8/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811295 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1479-T-B-1	1		< 10	10
002A	1479-T-B-2	1		< 10	10
003A	1479-T-B-3	1.74		< 5.7	5.7
004A	1479-T-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)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/7/18
 Address/Unit Number: 1479 Timberlake #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)
1479-7B-1	2	Floor	Yes	12x12	1	
-2	3	Floor	↓	12x12	1	
-3	4	Sill		5 3/4 x 4 3/4	1.74	
-4	4	Floor		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: 06731050-5
 McDonough Homes
 1491 Timberlake - G

Date Received: 11/8/2018 **Date Analyzed:** 11/12/2018 **Date of Issue:** 11/12/2018

Analyst: Keith Potts **Work Order:** 1811296 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1491-T-G-1	1		< 10	10
002A	1491-T-G-2	1		< 10	10
003A	1491-T-G-3	2.92		< 3.4	3.4
004A	1491-T-G-4	1		< 10	10
005A	1491-T-G-5	1.9		< 5.3	5.3
006A	1491-T-G-6	1		< 10	10
007A	1491-T-G-7	1.82		< 5.5	5.5
008A	1491-T-G-8	1		< 10	10
009A	1491-T-G-9	1.97		< 5.1	5.1
010A	1491-T-G-10	1		< 10	10
011A	1491-T-G-11	1.48		< 6.8	6.8
012A	1491-T-G-12	1		< 10	10
013A	1491-T-G-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



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 11/7/18
 Address/Unit Number: 1491 Timberlake #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)
1491-T-6-1	2	Floor	Yes	12x12	1	
-2	5	Floor		12x12	1	
-3	1	Stair		10 1/4 x 41	2.92	
-4	7	Floor		12x12	1	
-5	6	S:11		54x52	1.90	
-6	6	Floor		12x12	1	
-7	8	S:11		5 1/4 x 50	1.82	
-8	8	Floor		12x12	1	
-9	9	S:11		54x54	1.97	
-10	9	Floor		12x12	1	
-11	4	S:11		22x85	1.48	
-12	4	Floor		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: 06731050-5
 McDonough Homes
 1549 Timberlake - D

Date Received: 11/8/2018 **Date Analyzed:** 11/12/2018 **Date of Issue:** 11/12/2018

Analyst: Keith Potts **Work Order:** 1811297 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1549-T-D-1	1		< 10	10
002A	1549-T-D-2	1		< 10	10
003A	1549-T-D-3	3.13		5.4	3.2
004A	1549-T-D-4	1		22	10
005A	1549-T-D-5	0.52		< 19	19
006A	1549-T-D-6	1		< 10	10
007A	1549-T-D-7	0.52		< 19	19
008A	1549-T-D-8	1		< 10	10
009A	1549-T-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/7/18
 Address/Unit Number: 1549 Timberlake #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)	
1549-TD-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		114x40	3.13		
-4	1	Floor		12x12	1		
-5	5	Sill		12x50	0.52		
-6	5	Floor		12x12	1		
-7	6	Sill		12x50	0.52		
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1505 Klainert - D

Date Received: 11/8/2018 **Date Analyzed:** 11/12/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811298 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1505-K-D-1	1		< 10	10
002A	1505-K-D-2	1		< 10	10
003A	1505-K-D-3	3.13		< 3.2	3.2
004A	1505-K-D-4	1		< 10	10
005A	1505-K-D-5	0.86		< 12	12
006A	1505-K-D-6	1		< 10	10
007A	1505-K-D-7	0.43		< 23	23
008A	1505-K-D-8	1		< 10	10
009A	1505-K-D-9	0.43		< 23	23
010A	1505-K-D-10	1		< 10	10
011A	1505-K-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/7/18
 Address/Unit Number: 1505 Flainert #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)	
1505-k-D-1	2	Floor	Yes	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		11 1/4 x 40	3.13		
-4	1	Floor		12x12	1		
-5	4	Sill		1 1/2 x 83	0.86		
-6	4	Floor		12x12	1		
-7	6	Sill		1 1/2 x 4 1/2	0.43		
-8	6	Floor		12x12	1		
-9	7	Sill		1 1/2 x 4 1/2	0.43		
-10	7	Floor		12x12	1		
-11		BLANK		X			

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: 06731050-5
 McDonough Homes
 1508 Klainert - B

Date Received: 11/8/2018 **Date Analyzed:** 11/12/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811299 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1508-K-B-1	1		< 10	10
002A	1508-K-B-2	1		< 10	10
003A	1508-K-B-3	3.06		< 3.3	3.3
004A	1508-K-B-4	1		< 10	10
005A	1508-K-B-5	0.52		< 19	19
006A	1508-K-B-6	1		< 10	10
007A	1508-K-B-7	0.52		< 19	19
008A	1508-K-B-8	1		< 10	10
009A	1508-K-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.
 Sample results are not corrected for blanks.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 1/7/18
 Address/Unit Number: 1508 Flainert #13
 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)	
1508-H-B-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		1/2x50	0.52		
-6	4	Floor		12x12	1		
-7	6	Sill		1/2x50	0.52		
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1516 Klainert - C

Date Received: 11/8/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811301 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1516-K-C-1	1		< 10	10
002A	1516-K-C-2	1		< 10	10
003A	1516-K-C-3	3.06		4.7	3.3
004A	1516-K-C-4	1		< 10	10
005A	1516-K-C-5	0.49		< 20	20
006A	1516-K-C-6	1		< 10	10
007A	1516-K-C-7	0.49		< 20	20
008A	1516-K-C-8	1		< 10	10
009A	1516-K-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)

Project Name: McDonough

Project Number: 06731050-5

Date: 11/7/18
Address/Unit Number: 1516 Klainert #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)	
1516-K-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		1x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		13/4x40	0.47		
-6	4	Floor		12x12	1		
-7	6	Sill		13/4x40	0.47		
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1516 Klainert - B

Date Received: 11/8/2018 **Date Analyzed:** 11/13/2018 **Date of Issue:** 11/14/2018

Analyst: Keith Potts **Work Order:** 1811300 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1516-K-B-1	1		< 10	10
002A	1516-K-B-2	1		< 10	10
003A	1516-K-B-3	3.06		4.1	3.3
004A	1516-K-B-4	1		< 10	10
005A	1516-K-B-5	0.52		< 19	19
006A	1516-K-B-6	1		< 10	10
007A	1516-K-B-7	0.52		< 19	19
008A	1516-K-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
Project Number: 06731050-5

Date: 1/7/18
Address/Unit Number: 1516 Klainert #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)
1516-K-B-1	2	Floor	Yes	12x12	1	
-2	3	Floor	↓	12x12	1	
-3	1	Stair		11x40	3.06	
-4	1	Floor		12x12	1	
-5	4	Sill		1 1/2 x 50	0.52	
-6	4	Floor		12x12	1	
-7	6	Sill		1 1/2 x 50	0.52	
-8	6	Floor		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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1505 Kleinert - B

Date Received: 11/5/2018 **Date Analyzed:** 11/7/2018 **Date of Issue:** 11/8/2018

Analyst: Keith Potts **Work Order:** 1811156 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1505-K-B-1	1		< 10	10
002A	1505-K-B-2	1		< 10	10
003A	1505-K-B-3	3.056		16	3.3
004A	1505-K-B-4	1		50	10
005A	1505-K-B-5	0.865		< 12	12
006A	1505-K-B-6	1		< 10	10
007A	1505-K-B-7	0.865		< 12	12
008A	1505-K-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: McDonough

Project Number: 06731050-5

Date: 11/21/18
Address/Unit Number: 1505 Kleinert #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)
1505-K-B1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x40	1	
-4	1	Floor		12x12	1	
-5	4	Sill		12x83		
-6	4	Floor		12x12	1	
-7	6	Sill		12x83		
-8	6	Floor		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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1496 Kleinert - A

Date Received: 11/5/2018 **Date Analyzed:** 11/6/2018 **Date of Issue:** 11/6/2018

Analyst: Keith Potts **Work Order:** 1811158 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1496-K-A-1	1		< 10	10
002A	1496-K-A-2	1		< 10	10
003A	1496-K-A-3	3.125		4.9	3.2
004A	1496-K-A-4	1		< 10	10
005A	1496-K-A-5	0.865		< 12	12
006A	1496-K-A-6	1		< 10	10
007A	1496-K-A-7	0.865		< 12	12
008A	1496-K-A-8	1		< 10	10
009A	1496-K-A-9	0.865		< 12	12
010A	1496-K-A-10	1		< 10	10
011A	1496-K-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.
 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: McDonough
 Project Number: 06731050-5

Date: 11/2/18
 Address/Unit Number: 1496 Kleiner #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)	
1496-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11 1/4 x 40			
-4	1	Floor		12x12	1		
-5	4	Sill		12x83			
-6	4	Floor		12x12	1		
-7	6	Sill		12x83			
-8	6	Floor		12x12	1		
-9	7	Sill		12x83			
-10	7	Floor		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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1493 Kleinert - D

Date Received: 11/5/2018 **Date Analyzed:** 11/7/2018 **Date of Issue:** 11/8/2018

Analyst: Keith Potts **Work Order:** 1811159 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1493-K-D-1	1		< 10	10
002A	1493-K-D-2	1		< 10	10
003A	1493-K-D-3	3.075		< 3.3	3.3
004A	1493-K-D-4	1		< 10	10
005A	1493-K-D-5	0.865		< 12	12
006A	1493-K-D-6	1		< 10	10
007A	1493-K-D-7	0.865		< 12	12
008A	1493-K-D-8	1		< 10	10
009A	1493-K-D-9	0.865		< 12	12
010A	1493-K-D-10	1		< 10	10
011A	1493-K-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: McDonough

Project Number: 06731050-5

Date: 11/2/18
 Address/Unit Number: 1493 Kleibert #0
 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)	
1493-KA-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x40 1/4			
-4	1	Floor		12x12	1		
-5	4	Sill		12x83			
-6	4	Floor		12x12	1		
-7	6	Sill		12x83			
-8	6	Floor		12x12	1		
-9	7	Sill		12x83			
-10	7	Floor		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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1493 Kleinert - C

Date Received: 11/5/2018 **Date Analyzed:** 11/7/2018 **Date of Issue:** 11/9/2018

Analyst: Keith Potts **Work Order:** 1811160 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1493-K-C-1	1		< 10	10
002A	1493-K-C-2	1		< 10	10
003A	1493-K-C-3	3.075		8.1	3.3
004A	1493-K-C-4	1		89	10
005A	1493-K-C-5	0.504		< 20	20
006A	1493-K-C-6	1		< 10	10
007A	1493-K-C-7	0.504		< 20	20
008A	1493-K-C-8	1		< 10	10
009A	1493-K-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 1/2/18
 Address/Unit Number: 1493 Kleinhert #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)	
1493-K-G-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x40 1/4			
-4	1	Floor		12x12	1		
-5	4	Sill		13/4 x 4 1/2			
-6	4	Floor		12x12	1		
-7	6	Sill		13/4 x 4 1/2			
-8	6	Floor		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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1492 Kleinert - C

Date Received: 11/5/2018 **Date Analyzed:** 11/7/2018 **Date of Issue:** 11/9/2018

Analyst: Keith Potts **Work Order:** 1811165 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1492-K-C-1	1		< 10	10
002A	1492-K-C-2	1		< 10	10
003A	1492-K-C-3	3.036		< 3.3	3.3
004A	1492-K-C-4	1		11	10
005A	1492-K-C-5	0.432		< 23	23
006A	1492-K-C-6	1		< 10	10
007A	1492-K-C-7	0.865		< 12	12
008A	1492-K-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:	McDonough
Project Number:	06731050-5

Date: 1/2/18

Address/Unit Number: 1492 Kleinert #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)
1492-1-1	2	Floor	Yes ↓	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x39 3/4		
-4	1	Floor		12x12	1	
-5	4	Sill		1 1/2 x 4 1/2		
-6	4	Floor		12x12	1	
-7	6	Sill		1 1/2 x 8 3/4		
-8	6	Floor		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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1492 Kleinert - B

Date Received: 11/5/2018 **Date Analyzed:** 11/7/2018 **Date of Issue:** 11/9/2018

Analyst: Keith Potts **Work Order:** 1811167 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1492-K-B-1	1		< 10	10
002A	1492-K-B-2	1		< 10	10
003A	1492-K-B-3	3.036		< 3.3	3.3
004A	1492-K-B-4	1		< 10	10
005A	1492-K-B-5	0.865		< 12	12
006A	1492-K-B-6	1		< 10	10
007A	1492-K-B-7	0.865		< 12	12
008A	1492-K-B-8	1		< 10	10
009A	1492-K-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.
 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: McDonough
 Project Number: 06731050-5

Date: 11/2/18
 Address/Unit Number: 1492 Kleinert #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)
1492-1-B-1	2	Floor	YES ↓	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x39 ^{3/4}		
-4	1	Floor		12x12	1	
-5	4	Sill		12x83		
-6	4	Floor		12x12	1	
-7	6	Sill		12x83		
-8	6	Floor		12x12		
-9						

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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1481 Kleinert - B

Date Received: 11/5/2018 **Date Analyzed:** 11/8/2018 **Date of Issue:** 11/9/2018

Analyst: Keith Potts **Work Order:** 1811168 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1481-K-B-1	1		< 10	10
002A	1481-K-B-2	1		< 10	10
003A	1481-K-B-3	3.075		6.2	3.3
004A	1481-K-B-4	1		12	10
005A	1481-K-B-5	0.865		< 12	12
006A	1481-K-B-6	1		< 10	10
007A	1481-K-B-7	0.432		< 23	23
008A	1481-K-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: McDonough

Project Number: 06731050-5

Date: 11/2/18
 Address/Unit Number: 481 Teinert #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)
1481-K-B-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x40 1/4		
-4	1	Floor		12x12	1	
-5	4	Sill		1 1/2 x 89		
-6	4	Floor		12x12	1	
-7	6	Sill		1 1/2 x 41.5		
-8	6	Floor	✓	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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1480 Kleinert - A

Date Received: 11/5/2018 **Date Analyzed:** 11/7/2018 **Date of Issue:** 11/9/2018

Analyst: Keith Potts **Work Order:** 1811169 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1480-K-A-1	1		< 10	10
002A	1480-K-A-2	1		< 10	10
003A	1480-K-A-3	3.125		< 3.2	3.2
004A	1480-K-A-4	1		11	10
005A	1480-K-A-5	0.865		< 12	12
006A	1480-K-A-6	1		< 10	10
007A	1480-K-A-7	0.865		< 12	12
008A	1480-K-A-8	1		< 10	10
009A	1480-K-A-9	0.865		< 12	12
010A	1480-K-A-10	1		< 10	10
011A	1480-K-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____ of _____

Project Name: McDonough

Project Number: 06731050-5

Date: 1/21/18
 Address/Unit Number: 1480 Kleinert #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>1480-KA-1</u>	<u>2</u>	<u>Floor</u>	<u>YES</u>	<u>12x12</u>	<u>1</u>	
<u>-2</u>	<u>3</u>	<u>Floor</u>		<u>(carpet) 12x12</u>	<u>1</u>	
<u>-3</u>	<u>1</u>	<u>Stair</u>		<u>11 1/4 x 40</u>		
<u>-4</u>	<u>1</u>	<u>Floor</u>		<u>12x12</u>	<u>1</u>	
<u>-5</u>	<u>4</u>	<u>Sill</u>		<u>1 1/2 x 83</u>		
<u>-6</u>	<u>4</u>	<u>Floor</u>		<u>12x12</u>	<u>1</u>	
<u>-7</u>	<u>6</u>	<u>Sill</u>		<u>1 1/2 x 83</u>		
<u>-8</u>	<u>6</u>	<u>Floor</u>		<u>12x12</u>	<u>1</u>	
<u>-9</u>	<u>7</u>	<u>Sill</u>		<u>1 1/2 x 83</u>		
<u>-10</u>	<u>7</u>	<u>Floor</u>	<u>NO</u>	<u>12x12</u>	<u>1</u>	
<u>-11</u>		<u>BLANK</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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1501 Kleinert - C

Date Received: 11/5/2018 **Date Analyzed:** 11/8/2018 **Date of Issue:** 11/9/2018

Analyst: Keith Potts **Work Order:** 1811173 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1501-K-C-1	1		< 10	10
002A	1501-K-C-2	1		< 10	10
003A	1501-K-C-3	3.075		17	3.3
004A	1501-K-C-4	1		18	10
005A	1501-K-C-5	0.865		< 12	12
006A	1501-K-C-6	1		< 10	10
007A	1501-K-C-7	0.865		< 12	12
008A	1501-K-C-8	1		< 10	10
009A	1501-K-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: / of /

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/2/19
 Address/Unit Number: 1501 Kleinert #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)	
1501-K-C-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x40 1/4			
-4	1	Floor		12x12	1		
-5	4	Sill		12x83			
-6	4	Floor		12x12	1		
-7	6	Sill		12x83			
-8	6	Floor		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: John Lynch

Project ID: 06731050-5
 McDonough Homes
 1461 Kleinert - A

Date Received: 11/5/2018 **Date Analyzed:** 11/7/2018 **Date of Issue:** 11/9/2018

Analyst: Keith Potts **Work Order:** 1811174 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1461-K-A-1	1		< 10	10
002A	1461-K-A-2	1		< 10	10
003A	1461-K-A-3	3.056		< 3.3	3.3
004A	1461-K-A-4	1		< 10	10
005A	1461-K-A-5	0.865		< 12	12
006A	1461-K-A-6	1		< 10	10
007A	1461-K-A-7	0.432		< 23	23
008A	1461-K-A-8	1		< 10	10
009A	1461-K-A-9	0.865		< 12	12
010A	1461-K-A-10	1		< 10	10
011A	1461-K-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: _____	of _____
Project Name: _____	McDonough
Project Number: _____	06731050-5

Date: 1/2/18
Address/Unit Number: 1461 Franklin #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)
1461-KA-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x40		
-4	1	Floor		12x12	1	
-5	4	Sill		1/2x83		
-6	4	Floor		12x12	1	
-7	6	Sill		1/2x41/2		
-8	6	Floor		12x12	1	
-9	7	Sill		1/2x83		
-10	7	Floor		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: 06731050-4
 Mt. Airy Homes
 188 Biglow #A

Date Received: 11/19/2018 **Date Analyzed:** 11/26/2018 **Date of Issue:** 11/26/2018

Analyst: Keith Potts **Work Order:** 1811559 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	188-B-A-1	1		< 10	10
002A	188-B-A-2	1		< 10	10
003A	188-B-A-3	3.06		< 3.3	3.3
004A	188-B-A-4	1		< 10	10
005A	188-B-A-5	0.73		< 14	14
006A	188-B-A-6	1		< 10	10
007A	188-B-A-7	0.73		< 14	14
008A	188-B-A-8	1		< 10	10
009A	188-B-A-9	0.73		< 14	14
010A	188-B-A-10	1		< 10	10
011A	188-B-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.



Approved Signatory
 Keith Potts

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

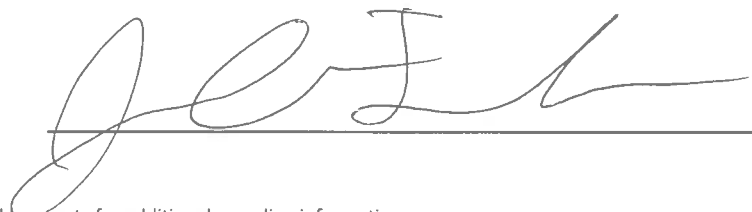
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 16-Nov-18
Address/Unit Number: 188 Biglow #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)	
188-B-A-1	2	Floor	Yes	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		12x70	0.73		
-6	4	Floor		12x12	1		
-7	6	Sill		12x70	0.73		
-8	6	Floor		12x12	1		
-9	7	Sill		12x70	0.73		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 176 Biglow - D

Date Received: 11/16/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811509 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	176-B-D-1	1		< 10	10
002A	176-B-D-2	1		< 10	10
003A	176-B-D-3	2.48		< 4.0	4.0
004A	176-B-D-4	1		< 10	10
005A	176-B-D-5	0.73		< 14	14
006A	176-B-D-6	1		< 10	10
007A	176-B-D-7	0.73		< 14	14
008A	176-B-D-8	1		< 10	10
009A	176-B-D-9	0.73		< 14	14
010A	176-B-D-10	1		< 10	10
011A	176-B-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.
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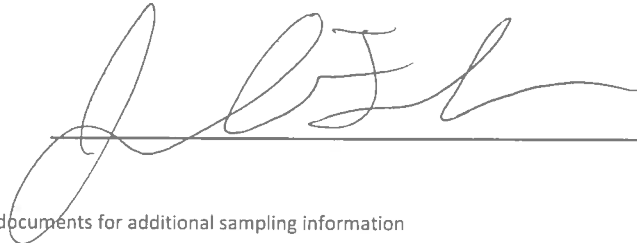
Approved Signatory
 Cathy McNamee

Lead Dust Sampling Form
(Single Surfaces)

Project Name: McDonough
Project Number: 06731050-5

Date: 11/5/18
Address/Unit Number: 176 Bigelow #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)	
A6-B4-1	2	FLOOR	YES	12x12	1		
-2	3	FLOOR		12x12	1		
-3	1	Stair		11x32 1/2	2.48		
-4	1	FLOOR		12x12	1		
-5	4	S:11		13/4x60	0.73		
-6	4	FLOOR		12x12	1		
-7	6	S:11		13/4x60	0.73		
-8	6	FLOOR		12x12	1		
-9	7	S:11		13/4x60	0.73		
-10	7	FLOOR		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: 06731050-5
 McDonough Homes
 187 Biglow - A

Date Received: 11/16/2018 **Date Analyzed:** 11/20/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811510 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	187-B-A-1	1		< 10	10
002A	187-B-A-2	1		< 10	10
003A	187-B-A-3	3.06		< 3.3	3.3
004A	187-B-A-4	1		< 10	10
005A	187-B-A-5	0.63		< 16	16
006A	187-B-A-6	1		< 10	10
007A	187-B-A-7	0.54		< 19	19
008A	187-B-A-8	1		< 10	10
009A	187-B-A-9	0.54		< 19	19
010A	187-B-A-10	1		< 10	10
011A	187-B-A-11	1.39		< 7.2	7.2
012A	187-B-A-12	1		< 10	10
013A	187-B-A-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
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Lead Dust Sampling Form

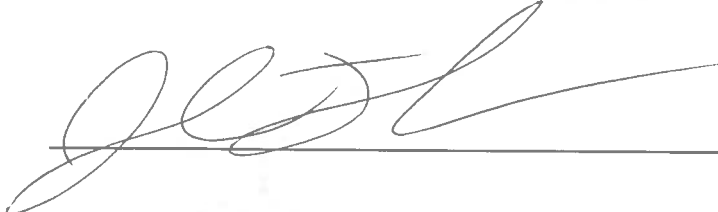
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/15/18
 Address/Unit Number: 187 Bialow #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)
187-BA-1	2	Floor	Yes	12x12	1	
-2	5	Floor		8x12	1	
-3	1	Stair		11x40	3.06	
-4	1	Floor		12x12	1	
-5	6	Sill		12x60	0.63	
-6	6	Floor		12x12	1	
-7	8	Sill		12x52	0.54	
-8	8	Floor		12x12	1	
-9	9	Sill		12x52	0.54	
-10	9	Floor		12x12	1	
-11	4	Sill		5x40	1.39	
-12	4	Floor		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: 06731050-5
 McDonough Homes
 136 Biglow - A

Date Received: 11/16/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811512 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	136-B-A-1	1		< 10	10
002A	136-B-A-2	1		< 10	10
003A	136-B-A-3	3.15		< 3.2	3.2
004A	136-B-A-4	1		< 10	10
005A	136-B-A-5	1.99		< 5.0	5.0
006A	136-B-A-6	1		< 10	10
007A	136-B-A-7	1.99		< 5.0	5.0
008A	136-B-A-8	1		< 10	10
009A	136-B-A-9	3.21		< 3.1	3.1
010A	136-B-A-10	1		< 10	10
011A	136-B-A-11	1.29		< 7.8	7.8
012A	136-B-A-12	1		< 10	10
013A	136-B-A-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.
 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.
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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/15/18
Address/Unit Number: 136 Bigelow #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)
136BA-1	2	Floor	Yes	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		11x41/4	3.15	
-4	1	Floor		12x12	1	
-5	6	Sill		52x52	1.99	
-6	6	Floor		12x12	1	
-7	8	Sill		52x52	1.99	
-8	8	Floor		12x12	1	
-9	9	Sill		52x84	3.13	
-10	9	Floor		12x12	1	
-11	4	Sill		3x62	1.29	
-12	4	Floor		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: 06731050-5
 McDonough Homes
 164 Biglow - D

Date Received: 11/16/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811513 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	164-B-D-1	1		< 10	10
002A	164-B-D-2	1		< 10	10
003A	164-B-D-3	3.07		< 3.3	3.3
004A	164-B-D-4	1		< 10	10
005A	164-B-D-5	0.88		< 11	11
006A	164-B-D-6	1		< 10	10
007A	164-B-D-7	0.58		< 17	17
008A	164-B-D-8	1		< 10	10
009A	164-B-D-9	0.73		< 14	14
010A	164-B-D-10	1		< 10	10
011A	164-B-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.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 1/14/18
 Address/Unit Number: 164 Biglow #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)
164-B-D-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x40x4	3.07	
-4	1	Floor		12x12	1	
-5	4	S:11		13/4x72	0.88	
-6	4	Floor		12x12	1	
-7	6	S:11		13/4x48	0.58	
-8	6	Floor		12x12	1	
-9	7	S:11		13/4x60	0.73	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 164 Biglow - B

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811514 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	164-B-B-1	1		< 10	10
002A	164-B-B-2	1		< 10	10
003A	164-B-B-3	3.06		7.0	3.3
004A	164-B-B-4	1		< 10	10
005A	164-B-B-5	0.55		< 18	18
006A	164-B-B-6	1		< 10	10
007A	164-B-B-7	0.55		< 18	18
008A	164-B-B-8	1		< 10	10
009A	164-B-B-9		< 10		
010A	164-B-B-9A		< 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: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/14/18
 Address/Unit Number: 164 Biglow #B
 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)	
164-B-B-1	2	FLOOR	Yes	12x12	1		
-2	3	FLOOR	↓	12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	FLOOR		12x12	1		
-5	4	Sill		13/4x45	0.55		
-6	4	FLOOR		12x12	1		
-7	6	Sill		13/4x45	0.55		
-8	6	FLOOR		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: 06731050-5
 McDonough Homes
 163 Biglow - A

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811515 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	163-B-A-1	1		< 10	10
002A	163-B-A-2	1		< 10	10
003A	163-B-A-3	3.06		< 3.3	3.3
004A	163-B-A-4	1		< 10	10
005A	163-B-A-5	0.85		< 12	12
006A	163-B-A-6	1		< 10	10
007A	163-B-A-7	0.85		< 12	12
008A	163-B-A-8	1		< 10	10
009A	163-B-A-9	0.68		< 15	15
010A	163-B-A-10	1		< 10	10
011A	163-B-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

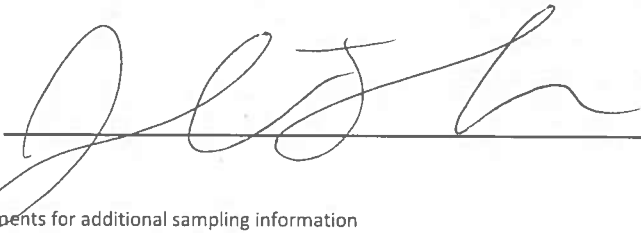
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/14/18
Address/Unit Number: 163 Biglow #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)	
163-BA-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		13/4x70	0.85		
-6	4	Floor		12x12	1		
-7	6	Sill		13/4x70	0.85		
-8	6	Floor		12x12	1		
-9	7	Sill		13/4x56	0.68		
-10	4	Floor		↓	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: 06731050-5
 McDonough Homes
 159 Biglow - C

Date Received: 11/16/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811516 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	159-B-C-1	1		< 10	10
002A	159-B-C-2	1		< 10	10
003A	159-B-C-3	3.06		< 3.3	3.3
004A	159-B-C-4	1		< 10	10
005A	159-B-C-5	0.68		< 15	15
006A	159-B-C-6	1		< 10	10
007A	159-B-C-7	0.68		< 15	15
008A	159-B-C-8	1		< 10	10
009A	159-B-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.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

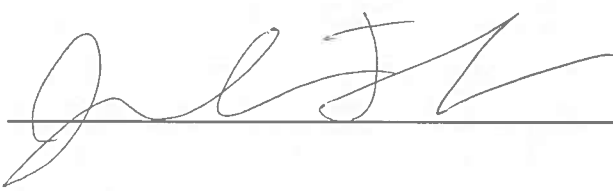
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 1/14/18
Address/Unit Number: 159 Biglow #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)	
159-B-C-1	2	Floor	Yes	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		13/4x56	0.68		
-6	4	Floor		12x12	1		
-7	6	Sill		13/4x56	0.68		
-8	6	Floor		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: 06731050-5
 McDonough Homes
 155 Biglow - D

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811517 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	155-B-D-1	1		< 10	10
002A	155-B-D-2	1		< 10	10
003A	155-B-D-3	3.06		< 3.3	3.3
004A	155-B-D-4	1		< 10	10
005A	155-B-D-5	0.5		< 20	20
006A	155-B-D-6	1		< 10	10
007A	155-B-D-7	0.5		< 20	20
008A	155-B-D-8	1		< 10	10
009A	155-B-D-9	0.5		< 20	20
010A	155-B-D-10	1		< 10	10
011A	155-B-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

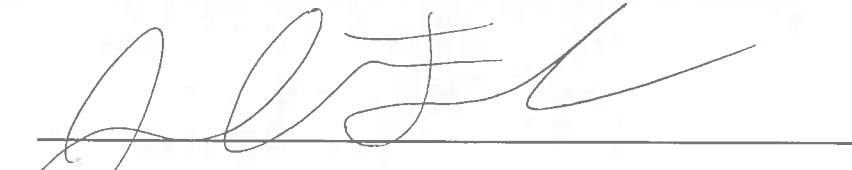
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/14/18
 Address/Unit Number: 155 B. glaw #11
 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)	
155-R-D-1	2	Floor	YES	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x40			
-4	1	Floor		12x12	1		
-5	4	S:11		1x72	0.50		
-6	4	Floor		12x12	1		
-7	6	S:11		1x72	0.50		
-8	6	Floor		12x12	1		
-9	7	S:11		1x72	0.50		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 135 Biglow - C

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811519 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	135-B-C-1	1		< 10	10
002A	135-B-C-2	1		< 10	10
003A	135-B-C-3	3.06		34	3.3
004A	135-B-C-4	1		< 10	10
005A	135-B-C-5	0.73		< 14	14
006A	135-B-C-6	1		< 10	10
007A	135-B-C-7	0.73		< 14	14
008A	135-B-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: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 1/14/18
 Address/Unit Number: 135 Biglaw #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)	
B5B-61	2	Floor	Yes	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		13/4x60	0.73		
-6	4	Floor		12x12	1		
-7	6	Sill		13/4x60	0.73		
-8	6	Floor		▼	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: 06731050-5
 McDonough Homes
 139 Biglow - D

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811520 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	139-B-D-1	1		< 10	10
002A	139-B-D-2	1		< 10	10
003A	139-B-D-3	3.07		< 3.3	3.3
004A	139-B-D-4	1		< 10	10
005A	139-B-D-5	0.73		< 14	14
006A	139-B-D-6	1		< 10	10
007A	139-B-D-7	0.73		< 14	14
008A	139-B-D-8	1		< 10	10
009A	139-B-D-9	0.73		< 14	14
010A	139-B-D-10	1		< 10	10
011A	139-B-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/14/18
 Address/Unit Number: 139 Bielow #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)
139-B-D-1	2	Floor	YES ↓	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11x40 1/4	3.07	
-4	1	Floor		12x12	1	
-5	4	Sill		3/4x60	0.73	
-6	4	Floor		12x12	1	
-7	6	Sill		3/4x60	0.73	
-8	6	Floor		12x12	1	
-9	7	Sill		3/4x60	0.73	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 139 Biglow - A

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811522 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	139-B-A-1	1		< 10	10
002A	139-B-A-2	1		< 10	10
003A	139-B-A-3	3.04		7.0	3.3
004A	139-B-A-4	1		< 10	10
005A	139-B-A-5	0.73		< 14	14
006A	139-B-A-6	1		< 10	10
007A	139-B-A-7	0.73		< 14	14
008A	139-B-A-8	1		< 10	10
009A	139-B-A-9	0.73		< 14	14
010A	139-B-A-10	1		< 10	10
011A	139-B-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.
 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.
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Lead Dust Sampling Form (Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/14/18
Address/Unit Number: 139 Biglaw #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)
139-BA-1	2	Floor	YPS ↓	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		11 x 39 3/4	3.04	
-4	1	Floor		12x12	1	
-5	4	Sill		3/4x60	0.73	
-6	4	Floor		12x12	1	
-7	6	Sill		3/4x60	0.73	
-8	6	Floor		12x12	1	
-9	7	Sill		3/4x60	0.73	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 139 Biglow - B

Date Received: 11/16/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811524 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	139-B-B-1	1		< 10	10
002A	139-B-B-2	1		< 10	10
003A	139-B-B-3	3.04		< 3.3	3.3
004A	139-B-B-4	1		< 10	10
005A	139-B-B-5	0.73		< 14	14
006A	139-B-B-6	1		< 10	10
007A	139-B-B-7	0.73		< 14	14
008A	139-B-B-8	1		< 10	10
009A	139-B-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.
 Sample results are not corrected for blanks.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 1/14/18
 Address/Unit Number: 139 Bigelow #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)	
139-B-B-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x39 3/4	3.04		
-4	1	Floor		12x12	1		
-5	4	Sill		3/4x60	0.73		
-6	4	Floor		12x12	1		
-7	6	Sill		3/4x60	0.73		
-8	6	Floor		12x12	1		
-9		BLANK					

Examiner Signature: *J. 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: 06731050-5
 McDonough Homes
 171 Biglow - B

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811525 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	171-B-B-1	1		< 10	10
002A	171-B-B-2	1		< 10	10
003A	171-B-B-3	3.06		8.4	3.3
004A	171-B-B-4	1		< 10	10
005A	171-B-B-5	0.73		17	14
006A	171-B-B-6	1		21	10
007A	171-B-B-7	0.73		< 14	14
008A	171-B-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.
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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/18
Address/Unit Number: 171 Bigelow #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)
171B-B-1	2	Floor	Yes	12x12	1	
-2	3	Floor	↓	12x12	1	
-3	1	Stair		112x40	3.06	
-4	1	Floor		12x12	1	
-5	4	Sill		13/4x60	0.73	
-6	4	Floor		12x12	1	
-7	6	Sill		13/4x60	0.73	
-8	6	Floor		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: 06731050-5
 McDonough Homes
 151 Biglow - D

Date Received: 11/16/2018 **Date Analyzed:** 11/21/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811523 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	151-B-D-1	1		< 10	10
002A	151-B-D-2	1		< 10	10
003A	151-B-D-3	3.04		< 3.3	3.3
004A	151-B-D-4	1		< 10	10
005A	151-B-D-5	0.88		< 11	11
006A	151-B-D-6	1		< 10	10
007A	151-B-D-7	0.88		< 11	11
008A	151-B-D-8	1		< 10	10
009A	151-B-D-9	0.88		< 11	11
010A	151-B-D-10	1		< 10	10
011A	151-B-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.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/14/18
 Address/Unit Number: 151 B:elow #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)	
151-B0-1	2	Floor	YES	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x39 3/4	3.04		
-4	1	Floor		12x12	1		
-5	4	Sill		13/4x72	0.88		
-6	4	Floor		12x12	1		
-7	6	Sill		13/4x72	0.88		
-8	6	Floor		12x12	1		
-9	7	Sill		13/4x72	0.98		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 128 Biglow - H

Date Received: 11/14/2018 **Date Analyzed:** 11/16/2018 **Date of Issue:** 11/16/2018

Analyst: Keith Potts **Work Order:** 1811432 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	128-B-H-1	1		< 20	20
002A	128-B-H-2	1		< 10	10
003A	128-B-H-3	3.06		7.8	3.3
004A	128-B-H-4	1		< 10	10
005A	128-B-H-5	1.64		< 6.1	6.1
006A	128-B-H-6	1		< 10	10
007A	128-B-H-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.
 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: McDonough
 Project Number: 06731050-5

Date: 11/13/18
 Address/Unit Number: 128 Biglow #H
 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)	
128-B-H-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		11x40	3.06		
-4	1	Floor		12x12	1		
-5	4	Sill		5 3/4 x 4 1/2	1.64		
-6	4	Floor		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: 06731050-5
 McDonough Homes
 128 Biglow - F

Date Received: 11/14/2018 **Date Analyzed:** 11/16/2018 **Date of Issue:** 11/16/2018

Analyst: Keith Potts **Work Order:** 1811433 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	128-B-F-1	1		< 10	10
002A	128-B-F-2	1		< 10	10
003A	128-B-F-3	3.06		18	3.3
004A	128-B-F-4	1		15	10
005A	128-B-F-5	0.73		< 14	14
006A	128-B-F-6	1		< 10	10
007A	128-B-F-7	0.73		< 14	14
008A	128-B-F-8	1		< 10	10
009A	128-B-F-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough

Project Number: 06731050-5

Date: 11/13/18

Address/Unit Number: 128 Biglow #F

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)
128-B-F-1	2	Floor	Yes	12x12	1	
-2	3	Floor	↓	12x12	1	
-3	1	Stair		11x40	3.06	
-4	1	Floor		12x12	1	
-5	5	Sill		13/4x60	0.73	
-6	5	Floor		12x12	1	
-7	6	Sill		13/4x60	0.73	
-8	6	Floor		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: 06731050-5
 McDonough Homes
 124 Biglow - H

Date Received: 11/14/2018 **Date Analyzed:** 11/16/2018 **Date of Issue:** 11/16/2018


Analyst: Keith Potts **Work Order:** 1811434 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	124-B-H-1	1		< 10	10
002A	124-B-H-2	1		< 10	10
003A	124-B-H-3	3.2		< 3.1	3.1
004A	124-B-H-4	1		< 10	10
005A	124-B-H-5	3.35		< 3.0	3.0
006A	124-B-H-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.



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: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 11/13/18
Address/Unit Number: 124 Biglow #11
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)
124-B-1-1	2	Floor	Yes	12x12	1.20	
-2	3	Floor	↓	12x12	1	
-3	1	Stair	↓	114x41	3.20	
-4	1	Floor	↓	12x12	1	
-5	4	Sill	↓	53/4x84	3.35	
-6	4	Floor	↓	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: 06731050-5
 McDonough Homes
 120 Biglow - F

Date Received: 11/14/2018 **Date Analyzed:** 11/16/2018 **Date of Issue:** 11/16/2018

Analyst: Keith Potts **Work Order:** 1811435 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	120-B-F-1	1		< 10	10
002A	120-B-F-2	1		< 10	10
003A	120-B-F-3	3.06		< 3.3	3.3
004A	120-B-F-4	1		< 10	10
005A	120-B-F-5	0.73		< 14	14
006A	120-B-F-6	1		< 10	10
007A	120-B-F-7	0.73		< 14	14
008A	120-B-F-8	1		< 10	10
009A	120-B-F-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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Approved Signatory
 Cathy McNamee

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/13/18
Address/Unit Number: 120 Biglaw #F
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)	
20-BF1	1	Floor	yes	12x12	1		
-2	1	Floor	↓	12x12	1		
-3	2	Stair		11x40	3.06		
-4	3	Floor		12x12	1		
-5	5	Sill		13/4x60	0.73		
-6	5	Floor		12x12	1		
-7	6	Sill		13/4x60	0.73		
-8	6	Floor		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: 06731050-5
 McDonough Homes
 108 Biglow - F

Date Received: 11/14/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811436 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	108-B-F-1	1		< 10	10
002A	108-B-F-2	1		< 10	10
003A	108-B-F-3	3.06		< 3.3	3.3
004A	108-B-F-4	1		< 10	10
005A	108-B-F-5	0.61		< 16	16
006A	108-B-F-6	1		< 10	10
007A	108-B-F-7	0.61		< 16	16
008A	108-B-F-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)

Project Name: McDonough
Project Number: 06731050-5

Date: 11/13/18
Address/Unit Number: 108 B: glw #F
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)
108-B-F-1	1	Floor	Yes	12x12	1	
-2	1	Floor	↓	12x12	1	
-3	2	Stair	↓	11x40	3.06	
-4	3	Floor	↓	12x12	1	
-5	5	Sill	↓	13/4x50	0.61	
-6	5	Floor	↓	12x12	1	
-7	6	Sill	↓	13/4x50	0.61	
-8	6	Floor	↓	12x12	1	

Examiner Signature: J. 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: 06731050-5
 McDonough Homes
 108 Biglow - D

Date Received: 11/14/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811437 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	108-B-D-1	1		< 10	10
002A	108-B-D-2	1		< 10	10
003A	108-B-D-3	3.06		3.4	3.3
004A	108-B-D-4	1		< 10	10
005A	108-B-D-5	0.73		< 14	14
006A	108-B-D-6	1		< 10	10
007A	108-B-D-7	0.73		< 14	14
008A	108-B-D-8	1		< 10	10
009A	108-B-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)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/13/18
 Address/Unit Number: 108 Biglar #10
 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)	
108-B-D-1	1	Floor	YES	12x12	1		
-2	1	Floor	↓	12x12	1		
-3	2	Stair		11x40	3.06		
-4	3	Floor		12x12	1		
-5	5	Sill		3/4x60	0.73		
-6	5	Floor		12x12	1		
-7	6	Sill		3/4x60	0.73		
-8	6	Floor		12x12	1		
-9		BLANK					

Examiner Signature: J. 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: 06731050-5
 McDonough Homes
 1628 Timberlake - C

Date Received: 11/14/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811438 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1628-T-C-1	1		< 10	10
002A	1628-T-C-2	1		< 10	10
003A	1628-T-C-3	3.06		< 3.3	3.3
004A	1628-T-C-4	1		< 10	10
005A	1628-T-C-5	0.73		< 14	14
006A	1628-T-C-6	1		< 10	10
007A	1628-T-C-7	0.83		< 12	12
008A	1628-T-C-8	1		< 10	10
009A	1628-T-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 1/13/18
Address/Unit Number: 1628 Timberlake #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)
1628-T-C-1	1	Floor	Yes ↓	12x12	1	
-2	1	Floor		12x12	1	
-3	2	Stair		11x40	3.06	
-4	3	Floor		12x12	1	
-5	5	Sill		1 1/2 x 70	0.73	
-6	5	Floor		12x12	1	
-7	6	Sill		1 1/2 x 80	0.83	
-8	6	Floor		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: 06731050-5
 McDonough Homes
 1628 Timberlake - A

Date Received: 11/14/2018 **Date Analyzed:** 11/16/2018 **Date of Issue:** 11/16/2018

Analyst: Keith Potts **Work Order:** 1811443 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1628-T-A-1	1		< 10	10
002A	1628-T-A-2	1		< 10	10
003A	1628-T-A-3	3.21		12	3.1
004A	1628-T-A-4	1		< 10	10
005A	1628-T-A-5	1.98		< 5.1	5.1
006A	1628-T-A-6	1		< 10	10
007A	1628-T-A-7	1.39		< 7.2	7.2
008A	1628-T-A-8	1		< 10	10
009A	1628-T-A-9	1.91		< 5.2	5.2
010A	1628-T-A-10	1		< 10	10
011A	1628-T-A-11	1.39		< 7.2	7.2
012A	1628-T-A-12	1		< 10	10
013A	1628-T-A-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



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 1/13/18
 Address/Unit Number: 1628 Timberlake #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)
1628-TA-1	1	Floor	Yes	12x12	1	
-2	1	Floor		12x12	1	
-3	2	Stair		11x42	3.21	
-4	3	Floor		12x12	1	
-5	6	Sill		5x57	1.98	
-6	6	Floor		12x12	1	
-7	8	Sill		5x40	1.39	
-8	8	Floor		12x12	1	
-9	9	Sill		5x55	1.91	
-10	9	Floor		12x12	1	
-11	4	Sill		5x40	1.39	
-12	4	Floor		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: 06731050-5
 McDonough Homes
 1620 Timberlake - E

Date Received: 11/14/2018 **Date Analyzed:** 11/19/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811442 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1620-T-E-1	1		< 10	10
002A	1620-T-E-2	1		< 10	10
003A	1620-T-E-3	3.04		27	3.3
004A	1620-T-E-4	1		< 10	10
005A	1620-T-E-5	0.83		< 12	12
006A	1620-T-E-6	1		< 10	10
007A	1620-T-E-7	0.63		< 16	16
008A	1620-T-E-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

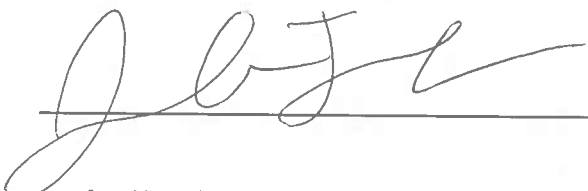
(Single Surfaces)

Project Name: McDonough

Project Number: 06731050-5

Date: 11/3/18
 Address/Unit Number: 1620 Timberlake #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)	
1620-FE-1	1	Floor	Yes	12x12	1		
-2	1	Floor	↓	12x12	1		
-3	2	Stair			11x39 3/4	3.04	
-4	3	Floor			12x12	1	
-5	5	Sill			12x80	0.93	
-6	5	Floor			12x12	1	
-7	6	Sill			12x60	0.63	
-8	6	Floor			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: 06731050-5
 McDonough Homes
 199 Arlington

Date Received: 11/30/2018 **Date Analyzed:** 12/5/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811827 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	199-A-1	1		< 10	10
002A	199-A-2	1		< 10	10
003A	199-A-3	2.25		6.1	4.4
004A	199-A-4	1		< 10	10
005A	199-A-5	0.56		< 18	18
006A	199-A-6	1		< 10	10
007A	199-A-7	1.13		< 8.8	8.8
008A	199-A-8	1		< 10	10
009A	199-A-9	0.56		< 18	18
010A	199-A-10	1		< 10	10
011A	199-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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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/29/2018
Address/Unit Number: 199 Arlington
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)	
199A-1	2	Floor	Yes	12x12	1		
-2	3	Floor	Yes	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	Floor		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	Floor		12x12	1		
-11		BLANK					
		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: 06731050-5
 McDonough Homes
 195 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811793 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	195-A-1	1		< 10	10
002A	195-A-2	1		< 10	10
003A	195-A-3	2.25		4.8	4.4
004A	195-A-4	1		32	10
005A	195-A-5	0.56		< 18	18
006A	195-A-6	1		< 10	10
007A	195-A-7	1.13		< 8.8	8.8
008A	195-A-8	1		< 10	10
009A	195-A-9	0.56		< 18	18
010A	195-A-10	1		< 10	10
011A	195-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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Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/28/2018
 Address/Unit Number: 195 Arlington
 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)	
195A-1	2	Floor	Yes	12x12	1		
-2	3	Floor	 	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	Floor		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 189 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811794 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	189-A-1	1		< 10	10
002A	189-A-2	1		< 10	10
003A	189-A-3	2.25		4.5	4.4
004A	189-A-4	1		13	10
005A	189-A-5	0.56		< 18	18
006A	189-A-6	1		< 10	10
007A	189-A-7	1.13		< 8.8	8.8
008A	189-A-8	1		< 10	10
009A	189-A-9	0.56		< 18	18
010A	189-A-10	1		< 10	10
011A	189-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.
 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)

Project Name: McDonough

Project Number: 06731050-5

Date: 11/28/2018

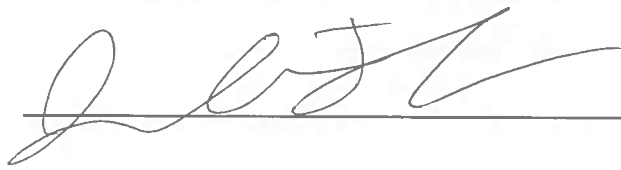
Address/Unit Number: 189 Arlington

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)
189-A-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 183 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811795 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	183-A-1	1		< 10	10
002A	183-A-2	1		< 10	10
003A	183-A-3	2.25		79	4.4
004A	183-A-4	1		69	10
005A	183-A-5	0.56		< 18	18
006A	183-A-6	1		< 10	10
007A	183-A-7	1.13		< 8.8	8.8
008A	183-A-8	1		< 10	10
009A	183-A-9	0.56		< 18	18
010A	183-A-10	1		< 10	10
011A	183-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.
 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.
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Lead Dust Sampling Form (Single Surfaces)

Project Name: McDonough
Project Number: 06731050-5

Date: 11/28/2018
Address/Unit Number: 183 Arlington
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Table with 7 columns: Sample Number, Room Equivalent, Surface Type, Is Surface Smooth and Cleanable?, Dimensions of Sample Area, Area (ft²), Laboratory Analytical Results (mg/ft²). Rows include samples 183-A-1 through -11 with handwritten entries for surface types and areas.

Examiner Signature: [Handwritten 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: 06731050-5
 McDonough Homes
 181 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811796 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	181-A-1	1		< 10	10
002A	181-A-2	1		< 10	10
003A	181-A-3	2.25		< 4.4	4.4
004A	181-A-4	1		13	10
005A	181-A-5	0.56		< 18	18
006A	181-A-6	1		< 10	10
007A	181-A-7	1.13		< 8.8	8.8
008A	181-A-8	1		< 10	10
009A	181-A-9	0.56		< 18	18
010A	181-A-10	1		< 10	10
011A	181-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.
 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)

Project Name:	McDonough
Project Number:	06731050-5

Date:	11/28/2018
Address/Unit Number:	181 Arlington
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)
181-A-1	2	Floor	YES	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	3	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	4	Sill		24x36	0.56	
-10	7	Floor	↓	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: 06731050-5
 McDonough Homes
 197 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811792 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	197-A-1	1		14	10
002A	197-A-2	1		< 10	10
003A	197-A-3	2.25		55	4.4
004A	197-A-4	1		< 10	10
005A	197-A-5	0.56		< 18	18
006A	197-A-6	1		< 10	10
007A	197-A-7	1.13		< 8.8	8.8
008A	197-A-8	1		< 10	10
009A	197-A-9	0.56		< 18	18
010A	197-A-10	1		< 10	10
011A	197-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.
 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: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 11/28/2018
 Address/Unit Number: 197 Arlington
 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)
197A-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	3	Sill		24x72	1.13	
-8	3	Floor		12x12	1	
-9	4	Sill		24x36	0.56	
-10	4	Floor		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: 06731050-5
 McDonough Homes
 193 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811797 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	193-A-1	1		< 10	10
002A	193-A-2	1		< 10	10
003A	193-A-3	2.25		5.1	4.4
004A	193-A-4	1		15	10
005A	193-A-5	0.56		< 18	18
006A	193-A-6	1		< 10	10
007A	193-A-7	1.13		13	8.8
008A	193-A-8	1		< 10	10
009A	193-A-9	0.56		< 18	18
010A	193-A-10	1		< 10	10
011A	193-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: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/28/2018
 Address/Unit Number: 193 Arlington
 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)
193A-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	7	Sill		24x24	0.56	
-10	7	Floor	▽	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: 06731050-5
 McDonough Homes
 177 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811798 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	177-A-1	1		< 10	10
002A	177-A-2	1		< 10	10
003A	177-A-3	2.25		16	4.4
004A	177-A-4	1		12	10
005A	177-A-5	0.56		< 18	18
006A	177-A-6	1		< 10	10
007A	177-A-7	1.13		< 8.8	8.8
008A	177-A-8	1		< 10	10
009A	177-A-9	0.56		< 18	18
010A	177-A-10	1		< 10	10
011A	177-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.
 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)

Project Name: McDonough
Project Number: 06731050-5

Date: 11/28/2018
Address/Unit Number: 177 Arlington
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)
177A-1	2	Floor	YES	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	3	Sill		24x72	1.13	
-8	3	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 151 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811802 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	151-A-1	1		< 10	10
002A	151-A-2	1		< 10	10
003A	151-A-3	2.25		150	4.4
004A	151-A-4	1		34	10
005A	151-A-5	1.13		< 8.8	8.8
006A	151-A-6	1		< 10	10
007A	151-A-7	1.13		9.9	8.8
008A	151-A-8	1		< 10	10
009A	151-A-9	0.56		< 18	18
010A	151-A-10	1		< 10	10
011A	151-A-11	0.56		< 18	18
012A	151-A-12	1		< 10	10
013A	151-A-13	0.56		< 18	18
014A	151-A-14	1		< 10	10
015A	151-A-15			< 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: McDonough

Project Number: 06731050-5

Date: 11/28/2018

Address/Unit Number: 151 Arlington

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)
151A-1	3	Floor	Yes	12x12	1	
-2	4	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	5	Sill		24x72	1.13	
-6	5	Floor		12x12	1	
-7	6	Sill		24x72	1.13	
-8	6	Floor		12x12	1	
-9	8	Sill		24x36	0.56	
-10	8	Floor		12x12	1	
-11	9	Sill		24x36	0.56	
-12	9	Floor		12x12	1	
-13	2	Sill		24x36	0.56	
-14	2	Floor	✓	12x12	1	
-15		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: 06731050-5
 McDonough Homes
 149 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811799 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	149-A-1	1		< 10	10
002A	149-A-2	1		27	10
003A	149-A-3	2.25		74	4.4
004A	149-A-4	1		26	10
005A	149-A-5	0.56		< 18	18
006A	149-A-6	1		20	10
007A	149-A-7	0.56		< 18	18
008A	149-A-8	1		22	10
009A	149-A-9	1.13		34	8.8
010A	149-A-10	1		19	10
011A	149-A-11	1.13		11	8.8
012A	149-A-12	1		36	10
013A	149-A-13	0.56		< 18	18
014A	149-A-14	1		17	10
015A	149-A-15			< 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: McDonough

Project Number: 06731050-5

Date: 11/28/2018

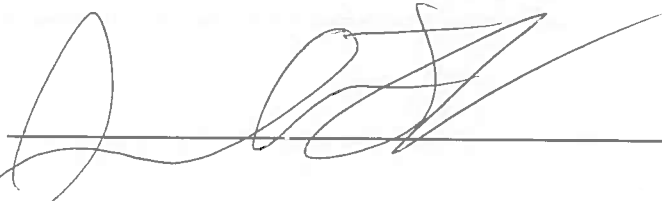
Address/Unit Number: 149 Arlington

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)
149-A-1	3	Floor	YES	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	5	Sill		24x36	0.56	
-6	5	Floor		12x12	1	
-7	6	Sill		24x36	0.56	
-8	6	Floor		12x12	1	
-9	8	Sill		24x72	1.13	
-10	8	Floor		12x12	1	
-11	9	Sill		24x72	1.13	
-12	9	Floor		12x12	1	
-13	4	Sill		24x36	0.56	
-14	4	Floor		12x12	1	
-15		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: 06731050-5
 McDonough Homes
 179 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811800 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	179-A-1	1		< 10	10
002A	179-A-2	1		< 10	10
003A	179-A-3	2.25		5.6	4.4
004A	179-A-4	1		84	10
005A	179-A-5	0.56		< 18	18
006A	179-A-6	1		< 10	10
007A	179-A-7	1.13		< 8.8	8.8
008A	179-A-8	1		< 10	10
009A	179-A-9	0.56		< 18	18
010A	179-A-10	1		< 10	10
011A	179-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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Approved Signatory
 Cathy McNamee

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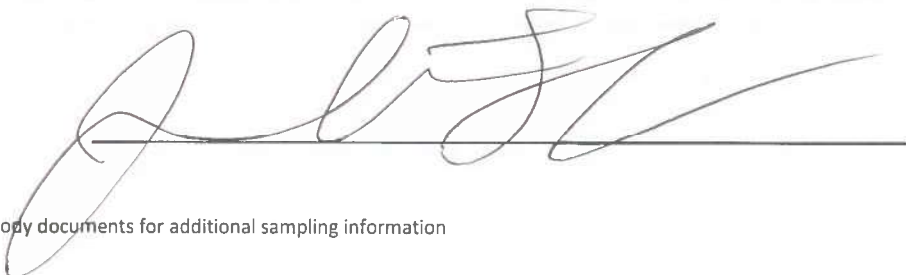
Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/28/2018
 Address/Unit Number: 179 Arlington
 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)	
179-A-1	2	Floor	YES	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	Floor		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 147 Arlington

Date Received: 11/29/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811801 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	147-A-1	1		< 10	10
002A	147-A-2	1		< 10	10
003A	147-A-3	2.25		< 4.4	4.4
004A	147-A-4	1		< 10	10
005A	147-A-5	1.19		< 8.4	8.4
006A	147-A-6	1		< 10	10
007A	147-A-7	1.19		< 8.4	8.4
008A	147-A-8	1		< 10	10
009A	147-A-9	0.56		< 18	18
010A	147-A-10	1		< 10	10
011A	147-A-11	0.56		< 18	18
012A	147-A-12	1		< 10	10
013A	147-A-13	0.56		< 18	18
014A	147-A-14	1		< 10	10
015A	147-A-15			< 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.
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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 11/28/2018
Address/Unit Number: 147 Arlington
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)
147A-1	3	Floor	YES	12x12	1	
-2	4	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	5	Sill		24x76	1.19	
-6	5	Floor		12x12	1	
-7	6	Sill		24x76	1.19	
-8	6	Floor		12x12	1	
-9	8	Sill		24x36	0.56	
-10	8	Floor		12x12	1	
-11	9	Sill		24x36	0.56	
-12	9	Floor		12x12	1	
-13	2	Sill		24x36	0.56	
-14	2	Floor		12x12	1	
-15		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: 06731050-5
 McDonough Homes
 143 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/26/2018 **Date of Issue:** 11/26/2018

Analyst: Keith Potts **Work Order:** 1811602 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	143-A-1	1		< 10	10
002A	143-A-2	1		< 10	10
003A	143-A-3	2.25		< 4.4	4.4
004A	143-A-4	1		37	10
005A	143-A-5	0.56		< 18	18
006A	143-A-6	1		< 10	10
007A	143-A-7	1.13		< 8.8	8.8
008A	143-A-8	1		< 10	10
009A	143-A-9	0.56		< 18	18
010A	143-A-10	1		< 10	10
011A	143-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.



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.

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Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 143 Arlington
 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)
143-A-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		2 1/4 x 36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		2 1/4 x 72	1.13	
-8	5	Floor		12x12	1	
-9	6	Sill		2 1/4 x 36	0.56	
-10	6	Floor		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: 06731050-5
 McDonough Homes
 139 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/26/2018 **Date of Issue:** 11/26/2018


Analyst: Keith Potts **Work Order:** 1811603 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	139-A-1	1		< 10	10
002A	139-A-2	1		< 10	10
003A	139-A-3	2.25		8.8	4.4
004A	139-A-4	1		13	10
005A	139-A-5	0.56		< 18	18
006A	139-A-6	1		< 10	10
007A	139-A-7	1.13		< 8.8	8.8
008A	139-A-8	1		< 10	10
009A	139-A-9	0.56		< 18	18
010A	139-A-10	1		< 10	10
011A	139-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.



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.

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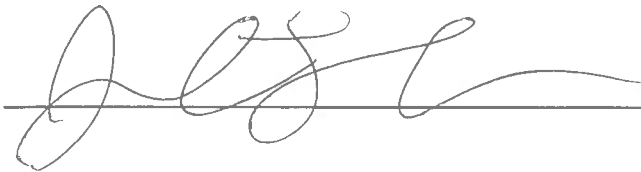
Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 139 Arlington
 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)	
139-A-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	Floor		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 153 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/27/2018 **Date of Issue:** 11/27/2018


Analyst: Keith Potts **Work Order:** 1811604 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	153-A-1	1		< 10	10
002A	153-A-2	1		< 10	10
003A	153-A-3	2.25		< 4.4	4.4
004A	153-A-4	1		< 10	10
005A	153-A-5	0.56		< 18	18
006A	153-A-6	1		< 10	10
007A	153-A-7	1.13		< 8.8	8.8
008A	153-A-8	1		< 10	10
009A	153-A-9	0.56		< 18	18
010A	153-A-10	1		< 10	10
011A	153-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.



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.

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Lead Dust Sampling Form

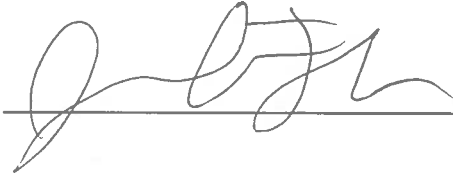
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 153 Arlington
 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)
153A-1	2	Floor	Yes ↓	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	S:11		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	S:11		24x72	1.13	
-8	5	Floor		12x12	1	
-9	7	S:11		24x36	0.56	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 155 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/27/2018 **Date of Issue:** 11/27/2018

Analyst: Keith Potts **Work Order:** 1811605 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	155-A-1	1		< 10	10
002A	155-A-2	1		< 10	10
003A	155-A-3	2.25		5.4	4.4
004A	155-A-4	1		< 10	10
005A	155-A-5	0.56		< 18	18
006A	155-A-6	1		< 10	10
007A	155-A-7	1.13		< 8.8	8.8
008A	155-A-8	1		< 10	10
009A	155-A-9	0.56		< 18	18
010A	155-A-10	1		< 10	10
011A	155-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.



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.

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Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 155 Arlington
 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)	
ISS-A-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	S: 11		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	S: 11		24x72	1.13		
-8	5	Floor		12x12	1		
-9	6	S: 11		24x36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 173 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/27/2018 **Date of Issue:** 11/27/2018

Analyst: Keith Potts **Work Order:** 1811606 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	173-A-1	1		< 10	10
002A	173-A-2	1		< 10	10
003A	173-A-3	2.25		17	4.4
004A	173-A-4	1		92	10
005A	173-A-5	1.13		< 8.8	8.8
006A	173-A-6	1		< 10	10
007A	173-A-7	0.56		< 18	18
008A	173-A-8	1		< 10	10
009A	173-A-9	0.56		< 18	18
010A	173-A-10	1		< 10	10
011A	173-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.



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.

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Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 173 Arlington
 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)
173A-1	2	Floor	Yes ↓	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x72	1.13	
-6	4	Floor		12x12	1	
-7	3	Sill		24x36	0.56	
-8	3	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	FLOOR		12x12	1	
-11		BLANKS				

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: 06731050-5
 McDonough Homes
 161 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/27/2018 **Date of Issue:** 11/27/2018


Analyst: Keith Potts **Work Order:** 1811607 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	161-A-1	1		< 10	10
002A	161-A-2	1		< 10	10
003A	161-A-3	2.25		< 4.4	4.4
004A	161-A-4	1		< 10	10
005A	161-A-5	1.13		< 8.8	8.8
006A	161-A-6	1		< 10	10
007A	161-A-7	0.56		< 18	18
008A	161-A-8	1		< 10	10
009A	161-A-9	0.56		< 18	18
010A	161-A-10	1		< 10	10
011A	161-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.



Approved Signatory
 Keith Potts

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
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Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 161 Arlington
 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)	
161A-1	2	Floor	Yes	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x72	1.13		
-6	4	Floor		12x12	1		
-7	5	Sill		24x36	0.56		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	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: 06731050-5
 McDonough Homes
 175 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/27/2018 **Date of Issue:** 11/27/2018

Analyst: Keith Potts **Work Order:** 1811608 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	175-A-1	1		< 10	10
002A	175-A-2	1		< 10	10
003A	175-A-3	2.25		< 4.4	4.4
004A	175-A-4	1		17	10
005A	175-A-5	0.56		< 18	18
006A	175-A-6	1		< 10	10
007A	175-A-7	1.13		< 8.8	8.8
008A	175-A-8	1		< 10	10
009A	175-A-9	0.56		< 18	18
010A	175-A-10	1		< 10	10
011A	175-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.



Approved Signatory
 Keith Potts

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
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Lead Dust Sampling Form

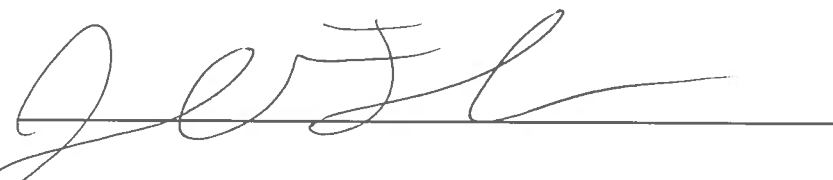
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/19/2018
Address/Unit Number: 175 Arlington
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)	
FSA-1	2	Floor	YES	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.43		
-8	5	Floor		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 165 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/27/2018 **Date of Issue:** 11/27/2018

Analyst: Keith Potts **Work Order:** 1811609 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	165-A-1	1		< 10	10
002A	165-A-2	1		< 10	10
003A	165-A-3	2.25		9.6	4.4
004A	165-A-4	1		< 10	10
005A	165-A-5	1.13		< 8.8	8.8
006A	165-A-6	1		< 10	10
007A	165-A-7	0.56		< 18	18
008A	165-A-8	1		< 10	10
009A	165-A-9	0.56		< 18	18
010A	165-A-10	1		< 10	10
011A	165-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.



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.
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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 165 Arlington
 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)
165-A-1	2	Floor	Yes	6x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		2 1/4 x 7 1/2	1.13	
-6	4	Floor		12x12	1	
-7	5	Sill		2 1/4 x 36	0.56	
-8	5	Floor		12x12	1	
-9	6	Sill		2 1/4 x 36	0.56	
-10	6	Floor		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: 06731050-5
 McDonough Homes
 159 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/27/2018 **Date of Issue:** 11/27/2018

Analyst: Keith Potts **Work Order:** 1811610 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	159-A-1	1		< 10	10
002A	159-A-2	1		< 10	10
003A	159-A-3	2.25		22	4.4
004A	159-A-4	1		21	10
005A	159-A-5	1.13		< 8.8	8.8
006A	159-A-6	1		< 10	10
007A	159-A-7	0.56		< 18	18
008A	159-A-8	1		< 10	10
009A	159-A-9	0.56		< 18	18
010A	159-A-10	1		< 10	10
011A	159-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.



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.

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 159 Arlington
 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)	
159-A-1	2	Floor	YES	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		2 1/4 x 72	1.13		
-6	4	Floor		12x12	1		
-7	5	Sill		2 1/4 x 36	0.56		
-8	5	Floor		12x12	1		
-9	6	Sill		2 1/4 x 36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 169 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/28/2018 **Date of Issue:** 11/29/2018

Analyst: Keith Potts **Work Order:** 1811612 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	169-A-1	1		< 10	10
002A	169-A-2	1		< 10	10
003A	169-A-3	2.25		< 4.4	4.4
004A	169-A-4	1		< 10	10
005A	169-A-5	1.13		< 8.8	8.8
006A	169-A-6	1		< 10	10
007A	169-A-7	0.56		< 18	18
008A	169-A-8	1		< 10	10
009A	169-A-9	0.56		< 18	18
010A	169-A-10	1		< 10	10
011A	169-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.



Approved Signatory
 Keith Potts

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 169 Arline-~~on~~
 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)	
169-A-1	2	Floor	YES	12x12	1		
-2	3	Floor	 ↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x72	1.13		
-6	4	Floor		12x12	1		
-7	5	Sill		24x36	0.56		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 171 Arlington

Date Received: 11/20/2018 **Date Analyzed:** 11/28/2018 **Date of Issue:** 11/29/2018

Analyst: Keith Potts **Work Order:** 1811611 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	171-A-1	1		< 10	10
002A	171-A-2	1		< 10	10
003A	171-A-3	2.25		< 4.4	4.4
004A	171-A-4	1		< 10	10
005A	171-A-5	1.13		< 8.8	8.8
006A	171-A-6	1		< 10	10
007A	171-A-7	0.56		< 18	18
008A	171-A-8	1		< 10	10
009A	171-A-9	0.56		< 18	18
010A	171-A-10	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.



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.

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Lead Dust Sampling Form

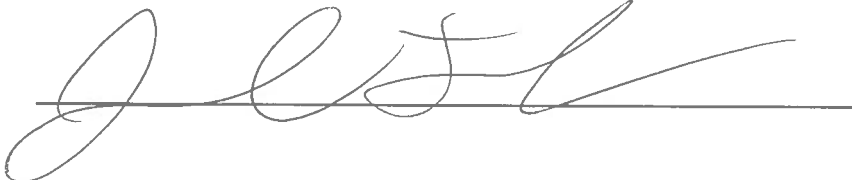
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/19/2018
 Address/Unit Number: 171 Arlington
 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)	
171-A-1	2	Floor	YES	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x72	1.13		
-6	4	FLOOR		12x12	1		
-7	5	Sill		24x36	0.56		
-8	3	FLOOR		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	Floor		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: Christopher Knuteson

Project ID: 06731050-5
 McDonough Homes
 137 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/20/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811553 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	137-A-1	1		< 10	10
002A	137-A-2	1		< 10	10
003A	137-A-3	2.31		< 4.3	4.3
004A	137-A-4	1		< 10	10
005A	137-A-5	1.22		< 8.2	8.2
006A	137-A-6	1		< 10	10
007A	137-A-7	0.63		< 16	16
008A	137-A-8	1		< 10	10
009A	137-A-9	0.63		< 16	16
010A	137-A-10	1		< 10	10
011A	137-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.
 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: McDonough
Project Number: 06731050-5

Date: 16-Nov-18
Address/Unit Number: 137 Arlington
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)
137-A-1		Floor	Yes	12x12	1	
-2		Floor		12x12	1	
-3		Stair		94x36	2.31	
-4		Floor		12x12	1	
-5		Sill		2 1/2 x 70	1.22	
-6		Floor		12x12	1	
-7		Sill		2 1/2 x 36	0.63	
-8		Floor		12x12	1	
-9		Sill		2 1/2 x 36	0.63	
-10		Floor		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: Christopher Knuteson

Project ID: 06731050-5
 McDonough Homes
 135 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/20/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811554 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	135-A-1	1		< 10	10
002A	135-A-2	1		< 10	10
003A	135-A-3	2.31		32	4.3
004A	135-A-4	1		420	10
005A	135-A-5	1.22		< 8.2	8.2
006A	135-A-6	1		< 10	10
007A	135-A-7	0.63		< 16	16
008A	135-A-8	1		< 10	10
009A	135-A-9	0.63		< 16	16
010A	135-A-10	1		< 10	10
011A	135-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.
 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)

Project Name: McDonough
 Project Number: 06731050-5

Date: 16-Nov-18
 Address/Unit Number: 135 Arlington
 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)	
135-A-1	2	Floor	Yes	12x12	1		
-2	3	Floor		13x12	1		
-3	1	Stair		94x36	2.31		
-4	1	Floor		12x12	1		
-5	4	Sill		2 1/2 x 70	1.22		
-6	4	Floor		12x12	1		
-7	5	Sill		2 1/2 x 36	0.63		
-8	5	Floor		12x12	1		
-9	6	Sill		2 1/2 x 36	0.63		
-10	6	Floor		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: Christopher Knuteson

Project ID: 06731050-5
 McDonough Homes
 133 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/20/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811556 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	133-A-1	1		< 10	10
002A	133-A-2	1		< 10	10
003A	133-A-3	2.31		< 4.3	4.3
004A	133-A-4	1		14	10
005A	133-A-5	1.22		< 8.2	8.2
006A	133-A-6	1		< 10	10
007A	133-A-7	0.63		< 16	16
008A	133-A-8	1		< 10	10
009A	133-A-9	0.63		< 16	16
010A	133-A-10	1		< 10	10
011A	133-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.
 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)

Project Name: McDonough

Project Number: 06731050-5

Date: 16-Nov-18

Address/Unit Number: 133 Arlington

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)	
133-A-1	2	Floor	YES	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		94x86	2.31		
-4	1	Floor		12x12	1		
-5	4	S:11		24x70	1.22		
-6	4	Floor		12x12	1		
-7	5	S:11		24x36	0.63		
-8	5	Floor		12x12	1		
-9	7	S:11		24x36	0.63		
-10	7	Floor		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: Christopher Knuteson

Project ID: 06731050-5
 McDonough Homes
 131 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/20/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811558 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	131-A-1	1		< 10	10
002A	131-A-2	1		< 10	10
003A	131-A-3	2.31		< 4.3	4.3
004A	131-A-4	1		< 10	10
005A	131-A-5	0.63		< 16	16
006A	131-A-6	1		< 10	10
007A	131-A-7	0.63		< 16	16
008A	131-A-8	1		< 10	10
009A	131-A-9	0.78		< 13	13
010A	131-A-10	1		< 10	10
011A	131-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.
 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: McDonough
Project Number: 06731050-5

Date: 16-Nov-18
Address/Unit Number: 131 Arlington
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)
131-A-1	2	Floor	Yes ↓	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		94x36	2.31	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.63	
-6	4	Floor		12x12	1	
-7	5	Sill		24x36	0.63	
-8	5	Floor		12x12	1	
-9	6	Sill		24x45	0.78	
-10	6	Floor		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: 06731050-4
 Mt. Airy Homes
 117 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/26/2018 **Date of Issue:** 11/26/2018

Analyst: Keith Potts **Work Order:** 1811567 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	117-A-1	1		< 10	10
002A	117-A-2	1		< 10	10
003A	117-A-3	2.31		9.8	4.3
004A	117-A-4	1		10	10
005A	117-A-5	0.63		< 16	16
006A	117-A-6	1		< 10	10
007A	117-A-7	0.63		< 16	16
008A	117-A-8	1		< 10	10
009A	117-A-9	1.28		< 7.8	7.8
010A	117-A-10	1		< 10	10
011A	117-A-11	0.69		< 14	14
012A	117-A-12	1		< 10	10
013A	117-A-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.



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.

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 16-Nov-18
Address/Unit Number: 117 Arlington
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)	
117-A-1	2	Floor	Yes	12x12	1		
-2	3	Floor	Yes	12x12	1		
-3	1	Stair		9'4"x36"	2.31		
-4	1	Floor		12x12	1		
-5	4	Sill		2'2"x36"	0.63		
-6	4	Floor		12x12	1		
-7	5	Sill		2'2"x36"	0.63		
-8	5	Floor		12x12	1		
-9	7	Sill		2'2"x73"	1.28		
-10	7	Floor		12x12	1		
-11	8	Sill		2'2"x40"	0.69		
-12	8	Floor		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: Christopher Knuteson

Project ID: 06731050-5
 McDonough Homes
 121 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/20/2018 **Date of Issue:** 11/20/2018

Analyst: Keith Potts **Work Order:** 1811562 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	121-A-1	1		< 10	10
002A	121-A-2	1		< 10	10
003A	121-A-3	2.31		< 4.3	4.3
004A	121-A-4	1		< 10	10
005A	121-A-5	0.63		< 16	16
006A	121-A-6	1		< 10	10
007A	121-A-7	0.63		< 16	16
008A	121-A-8	1		< 10	10
009A	121-A-9	1.22		< 8.2	8.2
010A	121-A-10	1		< 10	10
011A	121-A-11	1.22		< 8.2	8.2
012A	121-A-12	1		< 10	10
013A	121-A-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.
 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: McDonough
 Project Number: 06731050-5

Date: 16-Nov-18
 Address/Unit Number: 121 Arlington
 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)	
DATA-1	2	Floor	Yes	12x12	1		
-2	3	Floor	 ↓	12x12	1		
-3	1	Stair		9 1/4 x 36	2.31		
-4	1	Floor		12x12	1		
-5	4	Sill		2 1/2 x 36	0.63		
-6	4	Floor		12x12	1		
-7	5	Sill		2 1/2 x 36	0.63		
-8	5	Floor		12x12	1		
-9	7	Sill		2 1/2 x 70	1.22		
-10	7	Floor		12x12	1		
-11	8	Sill		2 1/2 x 70	1.22		
-12	8	Floor		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: Christopher Knuteson

Project ID: 06731050-5
 McDonough Homes
 123 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/20/2018 **Date of Issue:** 11/21/2018

Analyst: Keith Potts **Work Order:** 1811560 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	123-A-1	1		< 10	10
002A	123-A-2	1		< 10	10
003A	123-A-3	2.25		10	4.4
004A	123-A-4	1		180	10
005A	123-A-5	0.63		< 16	16
006A	123-A-6	1		< 10	10
007A	123-A-7	0.63		< 16	16
008A	123-A-8	1		< 10	10
009A	123-A-9	0.69		< 14	14
010A	123-A-10	1		< 10	10
011A	123-A-11	0.69		< 14	14
012A	123-A-12	1		< 10	10
013A	123-A-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.
 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: McDonough
Project Number: 06731050-5

Date: 16-Nov-18
Address/Unit Number: 123 Arlington
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)	
123-A-1	2	Floor	Yes	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.63		
-6	4	Floor		12x12	1		
-7	5	Sill		24x36	0.63		
-8	5	Floor		12x12	1		
-9	7	Sill		24x40	0.69		
-10	7	Floor		12x12	1		
-11	8	Sill		24x40	0.69		
-12	8	Floor		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: 06731050-4
 Mt. Airy Homes
 125 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/26/2018 **Date of Issue:** 11/26/2018

Analyst: Keith Potts **Work Order:** 1811561 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	125-A-1	1		< 10	10
002A	125-A-2	1		< 10	10
003A	125-A-3	2.31		< 4.3	4.3
004A	125-A-4	1		11	10
005A	125-A-5	0.78		< 13	13
006A	125-A-6	1		< 10	10
007A	125-A-7	0.63		< 16	16
008A	125-A-8	1		< 10	10
009A	125-A-9	0.63		< 16	16
010A	125-A-10	1		< 10	10
011A	125-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.



Approved Signatory
 Keith Potts

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
 Unless otherwise noted, all samples were acceptable upon receipt.
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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: 06731050-4
 Mt. Airy Homes
 129 Arlington

Date Received: 11/19/2018 **Date Analyzed:** 11/26/2018 **Date of Issue:** 11/26/2018

Analyst: Keith Potts **Work Order:** 1811568 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	129-A-1	1		< 10	10
002A	129-A-2	1		< 10	10
003A	129-A-3	2.296		< 4.4	4.4
004A	129-A-4	1		< 10	10
005A	129-A-5	1.22		< 8.2	8.2
006A	129-A-6	1		< 10	10
007A	129-A-7	0.63		< 16	16
008A	129-A-8	1		< 10	10
009A	129-A-9	0.63		< 16	16
010A	129-A-10	1		< 10	10
011A	129-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.



Approved Signatory
 Keith Potts

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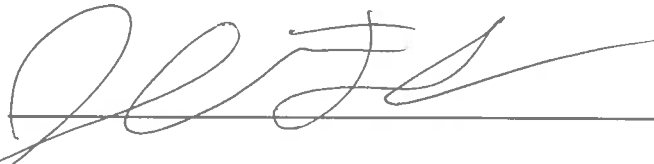
Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: 16-Nov-18
 Address/Unit Number: 129 Arlington
 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)	
129-A-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9 1/4 x 35 3/4	2.296		
-4	1	Floor		12x12	1		
-5	4	Sill		22 x 70	1.22		
-6	4	Floor		12x12	1		
-7	5	Sill		22 x 36	0.63		
-8	5	Floor		12x12	1		
-9	7	Sill		22 x 36	0.63		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1499 L'Orient

Date Received: 12/6/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812126 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1499-LO-1	1		< 10	10
002A	1499-LO-2	1		< 10	10
003A	1499-LO-3	2.25		50	4.4
004A	1499-LO-4	1		110	10
005A	1499-LO-5	0.56		< 18	18
006A	1499-LO-6	1		< 10	10
007A	1499-LO-7	1.13		< 8.8	8.8
008A	1499-LO-8	1		< 10	10
009A	1499-LO-9	0.56		< 18	18
010A	1499-LO-10	1		< 10	10
011A	1499-LO-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)

Project Name: McDonough
Project Number: 06731050-5

Date: 12/5/2018
Address/Unit Number: 1499 L'Orient
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)
1499-10-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		2 1/4 x 36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		2 1/4 x 72	1.13	
-8	5	Floor		12x12	1	
-9	6	Sill		2 1/4 x 36	0.56	
-10	6	Floor	✓	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: 06731050-5
 McDonough Homes
 1547 L'Orient

Date Received: 12/6/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812127 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1547-LO-1	1		< 10	10
002A	1547-LO-2	1		< 10	10
003A	1547-LO-3	2.25		7.4	4.4
004A	1547-LO-4	1		22	10
005A	1547-LO-5	0.56		< 18	18
006A	1547-LO-6	1		< 10	10
007A	1547-LO-7	1.13		< 8.8	8.8
008A	1547-LO-8	1		< 10	10
009A	1547-LO-9	0.56		< 18	18
010A	1547-LO-10	1		< 10	10
011A	1547-LO-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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 12/5/2018
Address/Unit Number: 1547 L'Orger
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)
1547-10-1	2	Floor	YES	12x12	1	
-2	3	FLOOR		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	4	Sill		24x36	0.56	
-10	4	Floor		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: 06731050-5
 McDonough Homes
 1543 L'Orient

Date Received: 12/6/2018 **Date Analyzed:** 12/12/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812129 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1543-LO-1	1		< 10	10
002A	1543-LO-2	1		< 10	10
003A	1543-LO-3	2.25		< 4.4	4.4
004A	1543-LO-4	1		< 10	10
005A	1543-LO-5	0.56		< 18	18
006A	1543-LO-6	1		< 10	10
007A	1543-LO-7	0.56		< 18	18
008A	1543-LO-8	1		< 10	10
009A	1543-LO-9	0.56		< 18	18
010A	1543-LO-10	1		< 10	10
011A	1543-LO-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: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 12/5/2018
 Address/Unit Number: 1543 L'Acient
 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)
1543-L0-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x36	0.56	
-8	5	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1541 L'Orient

Date Received: 12/6/2018 **Date Analyzed:** 12/12/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812130 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1541-LO-1	1		< 10	10
002A	1541-LO-2	1		< 10	10
003A	1541-LO-3	2.25		51	4.4
004A	1541-LO-4	1		53	10
005A	1541-LO-5	0.56		< 18	18
006A	1541-LO-6	1		< 10	10
007A	1541-LO-7	1.13		< 8.8	8.8
008A	1541-LO-8	1		< 10	10
009A	1541-LO-9	0.56		< 18	18
010A	1541-LO-10	1		< 10	10
011A	1541-LO-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

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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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough

Project Number: 06731050-5

Date: 12/5/2018
 Address/Unit Number: 1541 L'Orient
 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)	
1541-10-1	2	Floor	Yes	12x12	1		
-2	3	Floor		12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	S:11		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	S:11		24x72	1.13		
-8	5	Floor		12x12	1		
-9	6	S:11		24x36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 1493 L'Orient

Date Received: 12/6/2018 **Date Analyzed:** 12/12/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812131 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1493-LO-1	1		< 10	10
002A	1493-LO-2	1		< 10	10
003A	1493-LO-3	2.25		7.0	4.4
004A	1493-LO-4	1		< 10	10
005A	1493-LO-5	0.56		< 18	18
006A	1493-LO-6	1		< 10	10
007A	1493-LO-7	1.13		< 8.8	8.8
008A	1493-LO-8	1		< 10	10
009A	1493-LO-9	0.56		< 18	18
010A	1493-LO-10	1		< 10	10
011A	1493-LO-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.

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Approved Signatory
 Cathy McNamee



Lead Dust Sampling Form

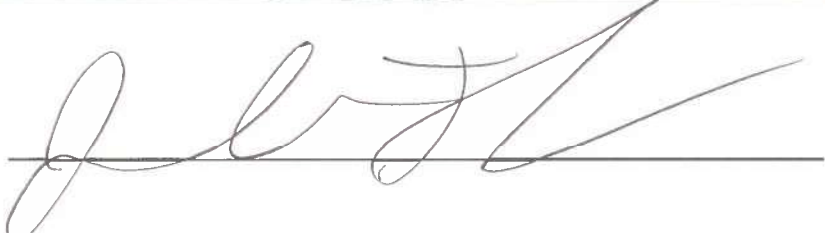
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 12/5/18
 Address/Unit Number: 1493 UOrient
 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)	
1493-12-1	2	Floor	Yes	12x12	1		
-2	3	Floor	Yes	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x48	1.13		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	Floor			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: 06731050-5
 McDonough Homes
 1537 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/11/2018

Analyst: Keith Potts **Work Order:** 1812092 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1537-LO-1	1		< 10	10
002A	1537-LO-2	1		< 10	10
003A	1537-LO-3	2.25		48	4.4
004A	1537-LO-4	1		1,000	10
005A	1537-LO-5	0.56		< 18	18
006A	1537-LO-6	1		< 10	10
007A	1537-LO-7	1.13		< 8.8	8.8
008A	1537-LO-8	1		< 10	10
009A	1537-LO-9	0.56		< 18	18
010A	1537-LO-10	1		< 10	10
011A	1537-LO-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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1537 L'Orient
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)
1537-L0-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	6	Sill		24x36	0.56	
-10	6	Floor	▼	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: 06731050-5
 McDonough Homes
 1517 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/11/2018

Analyst: Keith Potts **Work Order:** 1812093 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1517-LO-1	1		< 10	10
002A	1517-LO-2	1		< 10	10
003A	1517-LO-3	2.25		19	4.4
004A	1517-LO-4	1		20	10
005A	1517-LO-5	0.56		< 18	18
006A	1517-LO-6	1		< 10	10
007A	1517-LO-7	0.56		< 18	18
008A	1517-LO-8	1		< 10	10
009A	1517-LO-9	1.13		< 8.8	8.8
010A	1517-LO-10	1		< 10	10
011A	1517-LO-11	1.13		< 8.8	8.8
012A	1517-LO-12	1		< 10	10
013A	1517-LO-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.
 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)

Project Name: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1517 L'Orient
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)
1517-10-1	3	Floor	Yes	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	S:11		24x36	0.56	
-6	4	Floor		12x12	1	
-7	3	S:11		24x36	0.56	
-8	5	Floor		12x12	1	
-9	7	S:11		24x72	1.13	
-10	7	Floor		12x12	1	
-11	8	S:11		24x72	1.13	
-12	8	Floor		12x12	1	
-13		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: 06731050-5
 McDonough Homes
 1515 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/11/2018

Analyst: Keith Potts **Work Order:** 1812094 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1515-LO-1	1		< 10	10
002A	1515-LO-2	1		< 10	10
003A	1515-LO-3	2.25		20	4.4
004A	1515-LO-4	1		< 10	10
005A	1515-LO-5	1.13		< 8.8	8.8
006A	1515-LO-6	1		< 10	10
007A	1515-LO-7	1.13		< 8.8	8.8
008A	1515-LO-8	1		< 10	10
009A	1515-LO-9	0.56		< 18	18
010A	1515-LO-10	1		< 10	10
011A	1515-LO-11	0.56		< 18	18
012A	1515-LO-12	1		< 10	10
013A	1515-LO-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.



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: McDonough
Project Number: 06731050-5

Date: ~~12/29/2018~~ 12/4/18
Address/Unit Number: 1515 Lorient
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)
1515-10-1	3	Floor	Yes	12x12	1	
-2	2	FLOOR		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x72	1.13	
-6	4	Floor		12x12	1	
-7	3	Sill		24x72	1.13	
-8	3	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		12x12	1	
-11	8	Sill		24x36	0.56	
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1527 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/11/2018

Analyst: Keith Potts **Work Order:** 1812095 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1527-LO-1	1		< 10	10
002A	1527-LO-2	1		< 10	10
003A	1527-LO-3	2.25		40	4.4
004A	1527-LO-4	1		240	10
005A	1527-LO-5	0.56		< 18	18
006A	1527-LO-6	1		< 10	10
007A	1527-LO-7	0.56		< 18	18
008A	1527-LO-8	1		< 10	10
009A	1527-LO-9	1.13		< 8.8	8.8
010A	1527-LO-10	1		< 10	10
011A	1527-LO-11	1.13		< 8.8	8.8
012A	1527-LO-12	1		< 10	10
013A	1527-LO-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.
 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: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1527 L'Oripnt
Risk Assessor: Jacob Frahm
License Number: LR5431
Name of Property Owner: PHA of the City of St. Paul

Table with 7 columns: Sample Number, Room Equivalent, Surface Type, Is Surface Smooth and Cleanable?, Dimensions of Sample Area (inches x inches), Area (ft²), Laboratory Analytical Results (mg/ft²). Contains handwritten data for samples 1527-L0-1 through -13.

Examiner Signature: [Handwritten 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: 06731050-5
 McDonough Homes
 1525 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/11/2018

Analyst: Keith Potts **Work Order:** 1812096 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1525-LO-1	1		< 10	10
002A	1525-LO-2	1		< 10	10
003A	1525-LO-3	2.25		48	4.4
004A	1525-LO-4	1		62	10
005A	1525-LO-5	1.13		< 8.8	8.8
006A	1525-LO-6	1		< 10	10
007A	1525-LO-7	0.56		< 18	18
008A	1525-LO-8	1		< 10	10
009A	1525-LO-9	0.56		< 18	18
010A	1525-LO-10	1		< 10	10
011A	1525-LO-11	0.56		< 18	18
012A	1525-LO-12	1		< 10	10
013A	1525-LO-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.
 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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1525 L'Occient
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)	
1525-10-1	3	Floor	Yes	12x12	1		
-2	2	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x72	0.113		
-6	4	Floor		12x12	1		
-7	5	Sill		24x36	0.56		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	Floor		12x12	1		
-11	8	Sill		24x36	0.56		
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1555 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/11/2018

Analyst: Keith Potts **Work Order:** 1812097 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1555-LO-1	1		< 10	10
002A	1555-LO-2	1		< 10	10
003A	1555-LO-3	2.25		27	4.4
004A	1555-LO-4	1		110	10
005A	1555-LO-5	1.13		< 8.8	8.8
006A	1555-LO-6	1		< 10	10
007A	1555-LO-7	1.13		< 8.8	8.8
008A	1555-LO-8	1		< 10	10
009A	1555-LO-9	0.56		< 18	18
010A	1555-LO-10	1		< 10	10
011A	1555-LO-11	0.56		< 18	18
012A	1555-LO-12	1		< 10	10
013A	1555-LO-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.
 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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1555 Lorain
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)
1555-01	3	Floor	Yes	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x72	1.13	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		12x12	1	
-11	8	Sill		24x36	0.56	
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1553 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/11/2018

Analyst: Keith Potts **Work Order:** 1812098 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1553-LO-1	1		< 10	10
002A	1553-LO-2	1		< 10	10
003A	1553-LO-3	2.25		13	4.4
004A	1553-LO-4	1		22	10
005A	1553-LO-5	0.56		< 18	18
006A	1553-LO-6	1		< 10	10
007A	1553-LO-7	0.56		< 18	18
008A	1553-LO-8	1		< 10	10
009A	1553-LO-9	1.13		< 8.8	8.8
010A	1553-LO-10	1		< 10	10
011A	1553-LO-11	1.13		< 8.8	8.8
012A	1553-LO-12	1		< 10	10
013A	1553-LO-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.
 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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1553 Lorient
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)	
1553L0-1	3	Floor	Yes	12x12	1		
-2	2	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x36	0.56		
-8	5	Floor		12x12	1		
-9	7	Sill		24x72	1.13		
-10	7	Floor		12x12	1		
-11	8	Sill		24x72	1.13		
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1539 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812101 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1539-LO-1	1		< 10	10
002A	1539-LO-2	1		< 10	10
003A	1539-LO-3	2.25		14	4.4
004A	1539-LO-4	1		75	10
005A	1539-LO-5	0.56		< 18	18
006A	1539-LO-6	1		< 10	10
007A	1539-LO-7	1.13		< 8.8	8.8
008A	1539-LO-8	1		< 10	10
009A	1539-LO-9	0.56		< 18	18
010A	1539-LO-10	1		< 10	10
011A	1539-LO-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

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1539 U Orient
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)	
1539-10-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1549 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812099 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1549-LO-1	1		< 10	10
002A	1549-LO-2	1		< 10	10
003A	1549-LO-3	2.25		67	4.4
004A	1549-LO-4	1		860	10
005A	1549-LO-5	0.56		< 18	18
006A	1549-LO-6	1		< 10	10
007A	1549-LO-7	0.56		< 18	18
008A	1549-LO-8	1		< 10	10
009A	1549-LO-9	0.56		< 18	18
010A	1549-LO-10	1		< 10	10
011A	1549-LO-11	1.13		< 8.8	8.8
012A	1549-LO-12	1		< 10	10
013A	1549-LO-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



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 12/4/18
 Address/Unit Number: 1549 L'orient
 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)
1549-101	3	Floor	Yes	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x36	0.56	
-8	5	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		12x12	1	
-11	8	Sill		24x36	1.13	
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1551 L'Orient

Date Received: 12/5/2018 **Date Analyzed:** 12/11/2018 **Date of Issue:** 12/12/2018

Analyst: Keith Potts **Work Order:** 1812100 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1551-LO-1	1		< 10	10
002A	1551-LO-2	1		< 10	10
003A	1551-LO-3	2.25		61	4.4
004A	1551-LO-4	1		15	10
005A	1551-LO-5	1.13		< 8.8	8.8
006A	1551-LO-6	1		< 10	10
007A	1551-LO-7	1.13		< 8.8	8.8
008A	1551-LO-8	1		< 10	10
009A	1551-LO-9	0.56		< 18	18
010A	1551-LO-10	1		< 10	10
011A	1551-LO-11	0.56		< 18	18
012A	1551-LO-12	1		< 10	10
013A	1551-LO-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



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 12/4/18
Address/Unit Number: 1551 L'Orient
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)	
15510-1	3	Floor	YES	12x12	1		
-2	2	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x72	1.13		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	Floor		12x12	1		
-11	8	Sill		24x36	0.56		
-12	8	Floor		12x12	1		
43		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: 06731050-5
 McDonough Homes
 1521 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812073 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1521-LO-1	1		< 10	10
002A	1521-LO-2	1		< 10	10
003A	1521-LO-3	2.25		29	4.4
004A	1521-LO-4	1		26	10
005A	1521-LO-5	1.13		< 8.8	8.8
006A	1521-LO-6	1		< 10	10
007A	1521-LO-7	1.13		< 8.8	8.8
008A	1521-LO-8	1		< 10	10
009A	1521-LO-9	0.56		< 18	18
010A	1521-LO-10	1		< 10	10
011A	1521-LO-11	0.56		< 18	18
012A	1521-LO-12	1		< 10	10
013A	1521-LO-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



Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: ~~11/29/2018~~ 12/3/18
Address/Unit Number: 1521 L'Orient
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)	
1521-1	3	Floor	Yes	12x12	1		
-2	2	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		2 1/4 x 72	1.13		
-6	4	Floor		12x12	1		
-7	3	Sill		2 1/4 x 72	1.13		
-8	3	Floor		12x12	1		
-9	7	Sill		2 1/4 x 36	0.56		
-10	7	Floor		12x12	1		
-11	8	Sill		2 1/4 x 36	0.56		
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1505 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812072 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1505-LO-1	1		< 10	10
002A	1505-LO-2	1		< 10	10
003A	1505-LO-3	2.25		170	4.4
004A	1505-LO-4	1		400	10
005A	1505-LO-5	1.13		< 8.8	8.8
006A	1505-LO-6	1		< 10	10
007A	1505-LO-7	1.13		< 8.8	8.8
008A	1505-LO-8	1		< 10	10
009A	1505-LO-9	0.56		< 18	18
010A	1505-LO-10	1		< 10	10
011A	1505-LO-11	0.56		< 18	18
012A	1505-LO-12	1		< 10	10
013A	1505-LO-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



Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough

Project Number: 06731050-5

Date: ~~11/29/2018~~ 12/31/18
 Address/Unit Number: 1505 Locust
 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)
1505-10-1	3	Floor	Yes	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x72	1.13	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		12x12	1	
-11	8	Sill		24x36	0.56	
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1509 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/7/2018 **Date of Issue:** 12/7/2018

Analyst: Keith Potts **Work Order:** 1812066 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1509-LO-1	1		< 10	10
002A	1509-LO-2	1		< 10	10
003A	1509-LO-3	2.25		98	4.4
004A	1509-LO-4	1		110	10
005A	1509-LO-5	1.13		< 8.8	8.8
006A	1509-LO-6	1		< 10	10
007A	1509-LO-7	1.13		< 8.8	8.8
008A	1509-LO-8	1		< 10	10
009A	1509-LO-9	0.56		< 18	18
010A	1509-LO-10	1		< 10	10
011A	1509-LO-11	0.56		< 18	18
012A	1509-LO-12	1		< 10	10
013A	1509-LO-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
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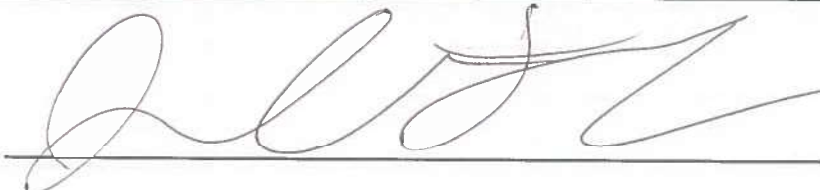
Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
 Project Number: 06731050-5

Date: ~~11/29/2018~~ 12/3/18
 Address/Unit Number: 1509 L Orient
 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)
1509-01	3	Floor	Yes	12x12	1	
-2	2	Floor	Yes	12x12	1	
-3	1	Stair	Yes	9x36	2.25	
-4	1	Floor	Yes	12x12	1	
-5	4	Sill	Yes	24x72	1.13	
-6	4	Floor	Yes	12x12	1	
-7	5	Sill	Yes	24x72	1.13	
-8	5	Floor	Yes	12x12	1	
-9	7	Sill	Yes	24x36	0.56	
-10	7	Floor	Yes	12x12	1	
-11	8	Sill	Yes	24x36	0.56	
-12	8	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: 06731050-5
 McDonough Homes
 1523 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812067 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1523-LO-1	1		< 10	10
002A	1523-LO-2	1		< 10	10
003A	1523-LO-3	2.25		15	4.4
004A	1523-LO-4	1		< 10	10
005A	1523-LO-5	0.56		< 18	18
006A	1523-LO-6	1		< 10	10
007A	1523-LO-7	0.56		< 18	18
008A	1523-LO-8	1		< 10	10
009A	1523-LO-9	1.13		< 8.8	8.8
010A	1523-LO-10	1		< 10	10
011A	1523-LO-11	1.13		< 8.8	8.8
012A	1523-LO-12	1		< 10	10
013A	1523-LO-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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 Sample results are not corrected for blanks.

Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

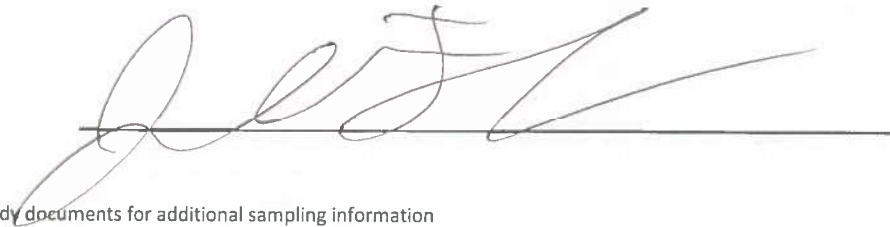
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: ~~11/25/2018~~ 12/13/18
 Address/Unit Number: 1523 L'Orient
 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)	
1523-10-1	3	Floor	Yes	12x12	1		
-2	2	Floor		12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x36	0.56		
-8	5	Floor		12x12	1		
-9	7	Sill		24x72	1.13		
-10	7	Floor		12x12	1		
-11	8	Sill		24x72	1.13		
-12	8	Floor		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: 06731050-5
 McDonough Homes
 1531 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812068 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1531-LO-1	1		< 10	10
002A	1531-LO-2	1		< 10	10
003A	1531-LO-3	2.25		56	4.4
004A	1531-LO-4	1		410	10
005A	1531-LO-5	1.13		< 8.8	8.8
006A	1531-LO-6	1		< 10	10
007A	1531-LO-7	1.13		< 8.8	8.8
008A	1531-LO-8	1		< 10	10
009A	1531-LO-9	0.56		< 18	18
010A	1531-LO-10	1		< 10	10
011A	1531-LO-11	0.56		< 18	18
012A	1531-LO-12	1		< 10	10
013A	1531-LO-13	0.56		< 18	18
014A	1531-LO-14	1		< 10	10
015A	1531-LO-15		< 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: McDonough
 Project Number: 06731050-5

Date: ~~11/29/2018~~ 12/3/18
 Address/Unit Number: 1531 Lorant
 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)
1531-10-1	3	Floor	Yes	12x12	1	
-2	4	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	5	Sill		24x72	1.13	
-6	5	Floor		12x12	1	
-7	6	Sill		24x72	1.13	
-8	6	Floor		12x12	1	
-9	8	Sill		24x36	0.56	
-10	8	Floor		12x12	1	
-11	9	Sill		24x36	0.56	
-12	9	Floor		12x12	1	
-13	2	Sill		24x36	0.56	
-14	2	Floor	*	12x12	1	
-15		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: 06731050-5
 McDonough Homes
 1529 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812069 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1529-LO-1	1		< 10	10
002A	1529-LO-2	1		< 10	10
003A	1529-LO-3	2.25		84	4.4
004A	1529-LO-4	1		43	10
005A	1529-LO-5	0.56		< 18	18
006A	1529-LO-6	1		< 10	10
007A	1529-LO-7	0.56		< 18	18
008A	1529-LO-8	1		< 10	10
009A	1529-LO-9	1.13		< 8.8	8.8
010A	1529-LO-10	1		< 10	10
011A	1529-LO-11	1.13		< 8.8	8.8
012A	1529-LO-12	1		< 10	10
013A	1529-LO-13	0.56		20	18
014A	1529-LO-14	1		< 10	10
015A	1529-LO-15			< 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: McDonough
 Project Number: 06731050-5

Date: ~~12/18/18~~ 12/3/18
 Address/Unit Number: 1529 Lorien
 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)
1529-L0-1	3	Floor	Yes	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	5	Sill		24x36	0.56	
-6	5	Floor		12x12	1	
-7	6	Sill		24x36	0.56	
-8	6	Floor		12x12	1	
-9	8	Sill		24x72	1.13	
-10	8	Floor		12x12	1	
-11	9	Sill		24x72	1.13	
-12	9	Floor		12x12	1	
-13	4	Sill		24x36	0.56	
-14	4	Floor	▲	12x12	1	
-15		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: 06731050-5
 McDonough Homes
 1503 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812070 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1503-LO-1	1		< 10	10
002A	1503-LO-2	1		< 10	10
003A	1503-LO-3	2.25		41	4.4
004A	1503-LO-4	1		49	10
005A	1503-LO-5	0.56		< 18	18
006A	1503-LO-6	1		< 10	10
007A	1503-LO-7	1.13		11	8.8
008A	1503-LO-8	1		< 10	10
009A	1503-LO-9	0.56		< 18	18
010A	1503-LO-10	1		< 10	10
011A	1503-LO-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: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: ~~11/20/2018~~ 12/3/18
 Address/Unit Number: 1503 L'Orient
 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)	
1503-L0-1	2	FLOOR	YES	12x12	1		
-2	3	FLOOR	 ▼	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	FLOOR		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	FLOOR		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	FLOOR		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	FLOOR		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: 06731050-5
 McDonough Homes
 1501 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812071 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1501-LO-1	1		< 10	10
002A	1501-LO-2	1		< 10	10
003A	1501-LO-3	2.25		5.3	4.4
004A	1501-LO-4	1		41	10
005A	1501-LO-5	0.56		< 18	18
006A	1501-LO-6	1		< 10	10
007A	1501-LO-7	1.13		< 8.8	8.8
008A	1501-LO-8	1		< 10	10
009A	1501-LO-9	0.56		< 18	18
010A	1501-LO-10	1		< 10	10
011A	1501-LO-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

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: ~~11/29/2018~~ 12/3/18
 Address/Unit Number: 1501 L'Orient
 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)	
1501-10-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	5	Sill		24x72	1.13		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1495 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812074 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1495-LO-1	1		< 10	10
002A	1495-LO-2	1		< 10	10
003A	1495-LO-3	2.25		63	4.4
004A	1495-LO-4	1		82	10
005A	1495-LO-5	0.56		< 18	18
006A	1495-LO-6	1		< 10	10
007A	1495-LO-7	1.13		< 8.8	8.8
008A	1495-LO-8	1		< 10	10
009A	1495-LO-9	0.56		< 18	18
010A	1495-LO-10	1		< 10	10
011A	1495-LO-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.
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Approved Signatory
 Cathy McNamee

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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: ~~11/29/2018~~ 12/3/18
Address/Unit Number: 1495 Orient
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)	
1495-10-1	2	Floor	Yes	12x12	1		
-2	3	Floor	↓	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		12x12	1		
-7	3	Sill		24x72	1.13		
-8	3	Floor		12x12	1		
-9	6	Sill		24x36	0.56		
-10	6	Floor		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: 06731050-5
 McDonough Homes
 1497 L'Orient

Date Received: 12/4/2018 **Date Analyzed:** 12/10/2018 **Date of Issue:** 12/10/2018

Analyst: Keith Potts **Work Order:** 1812075 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1497-LO-1	1		< 10	10
002A	1497-LO-2	1		< 10	10
003A	1497-LO-3	2.25		22	4.4
004A	1497-LO-4	1		23	10
005A	1497-LO-5	0.56		< 18	18
006A	1497-LO-6	1		< 10	10
007A	1497-LO-7	1.13		< 8.8	8.8
008A	1497-LO-8	1		< 10	10
009A	1497-LO-9	0.56		< 18	18
010A	1497-LO-10	1		< 10	10
011A	1497-LO-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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: ~~11/21/2018~~ 12/31/18
Address/Unit Number: 1497 Orient
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)
1497L1-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor	⚠	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: 06731050-5
 McDonough Homes
 1459 L'Orient

Date Received: 12/3/2018 **Date Analyzed:** 12/6/2018 **Date of Issue:** 12/6/2018

Analyst: Keith Potts **Work Order:** 1812023 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1459-LO-1	1		< 10	10
002A	1459-LO-2	1		< 10	10
003A	1459-LO-3	2.25		32	4.4
004A	1459-LO-4	1		200	10
005A	1459-LO-5	0.56		< 18	18
006A	1459-LO-6	1		< 10	10
007A	1459-LO-7	1.13		< 8.8	8.8
008A	1459-LO-8	1		< 10	10
009A	1459-LO-9	0.56		< 18	18
010A	1459-LO-10	1		< 10	10
011A	1459-LO-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
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Lead Dust Sampling Form

(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: ~~11/30/2018~~ 11/30/18
 Address/Unit Number: 1459 L'Orient
 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)	
1459-L0-1	2	Floor	Yes	12x12	1		
-2	3	Floor	Yes	12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	4	Sill		24x36	0.56		
-6	4	Floor		(2x12)	1		
-7	5	Sill		24x7.2	1.13		
-8	5	Floor		12x12	1		
-9	7	Sill		24x36	0.56		
-10	7	Floor		12x12	1		
-11		ISLAND					

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: 06731050-5
 McDonough Homes
 1455 L'Orient

Date Received: 12/3/2018 **Date Analyzed:** 12/6/2018 **Date of Issue:** 12/6/2018

Analyst: Keith Potts **Work Order:** 1812025 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1455-LO-1	1		< 10	10
002A	1455-LO-2	1		< 10	10
003A	1455-LO-3	2.25		52	4.4
004A	1455-LO-4	1		420	10
005A	1455-LO-5	0.56		< 18	18
006A	1455-LO-6	1		< 10	10
007A	1455-LO-7	1.13		< 8.8	8.8
008A	1455-LO-8	1		< 10	10
009A	1455-LO-9	0.56		< 18	18
010A	1455-LO-10	1		< 10	10
011A	1455-LO-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

All quality control sample results are within the acceptance range, unless noted.
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Lead Dust Sampling Form

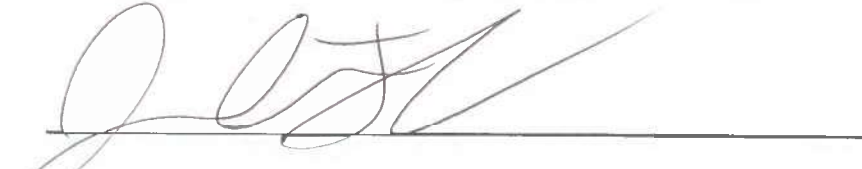
(Single Surfaces)

Page: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: ~~11/29/2018~~ 11/30/18
 Address/Unit Number: 1455 L'Oratory
 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)
1455-L0-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	7	Sill		24x36	0.56	
-10	7	Floor		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: 06731050-5
 McDonough Homes
 1453 L'Orient

Date Received: 12/3/2018 **Date Analyzed:** 12/6/2018 **Date of Issue:** 12/6/2018

Analyst: Keith Potts **Work Order:** 1812024 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1453-LO-1	1		< 10	10
002A	1453-LO-2	1		< 10	10
003A	1453-LO-3	2.25		5.4	4.4
004A	1453-LO-4	1		21	10
005A	1453-LO-5	0.56		< 18	18
006A	1453-LO-6	1		< 10	10
007A	1453-LO-7	1.13		< 8.8	8.8
008A	1453-LO-8	1		< 10	10
009A	1453-LO-9	0.56		< 18	18
010A	1453-LO-10	1		< 10	10
011A	1453-LO-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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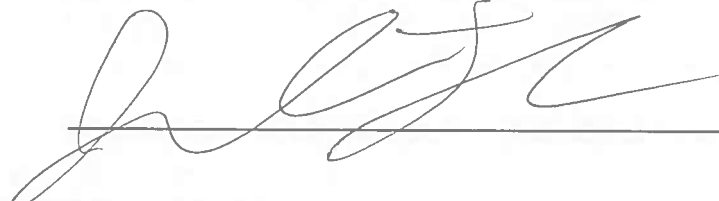
Lead Dust Sampling Form

(Single Surfaces)

Project Name: McDonough
Project Number: 06731050-5

Date: ~~11/20/18~~ 11/30/18
Address/Unit Number: 1453 L'Orient
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)
1453-10-1	2	Floor	Yes	12x12	1	
-2	3	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	Floor		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	Floor		12x12	1	
-9	6	Sill		24x36	0.56	
-10	6	Floor		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: 06731050-5
 McDonough Homes
 1451 L'Orient

Date Received: 12/3/2018 **Date Analyzed:** 12/5/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1812022 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1451-LO-1	1		< 10	10
002A	1451-LO-2	1		< 10	10
003A	1451-LO-3	2.25		15	4.4
004A	1451-LO-4	1		390	10
005A	1451-LO-5	0.56		< 18	18
006A	1451-LO-6	1		< 10	10
007A	1451-LO-7	1.13		< 8.8	8.8
008A	1451-LO-8	1		< 10	10
009A	1451-LO-9	0.56		< 18	18
010A	1451-LO-10	1		< 10	10
011A	1451-LO-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)

Project Name: McDonough
 Project Number: 06731050-5

Date: ~~11/29/2018~~ 11/30/18
 Address/Unit Number: 1451 L'Oratoire
 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)
1451-LD-1	2	FLOOR	Yes	12x12	1	
-2	3	FLOOR		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	FLOOR		12x12	1	
-5	4	Sill		24x36	0.56	
-6	4	FLOOR		12x12	1	
-7	5	Sill		24x72	1.13	
-8	5	FLOOR		12x12	1	
-9	4	Sill		24x36	0.53	
-10	7	FLOOR	✓	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: 06731050-5
 McDonough Homes
 1491 L'Orient

Date Received: 12/3/2018 **Date Analyzed:** 12/5/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1812016 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1491-LO-1	1		< 10	10
002A	1491-LO-2	1		11	10
003A	1491-LO-3	2.25		76	4.4
004A	1491-LO-4	1		78	10
005A	1491-LO-5	1.13		< 8.8	8.8
006A	1491-LO-6	1		< 10	10
007A	1491-LO-7	1.13		< 8.8	8.8
008A	1491-LO-8	1		< 10	10
009A	1491-LO-9	0.56		< 18	18
010A	1491-LO-10	1		< 10	10
011A	1491-LO-11	0.56		< 18	18
012A	1491-LO-12	1		< 10	10
013A	1491-LO-13	0.56		< 18	18
014A	1491-LO-14	1		< 10	10
015A	1491-LO-15			< 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: 06731050-5
 McDonough Homes
 1487 L'Orient

Date Received: 11/30/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811834 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1487-LO-1	1		< 10	10
002A	1487-LO-2	1		< 10	10
003A	1487-LO-3	2.25		22	4.4
004A	1487-LO-4	1		56	10
005A	1487-LO-5	1.13		< 8.8	8.8
006A	1487-LO-6	1		< 10	10
007A	1487-LO-7	1.13		< 8.8	8.8
008A	1487-LO-8	1		< 10	10
009A	1487-LO-9	0.56		< 18	18
010A	1487-LO-10	1		< 10	10
011A	1487-LO-11	0.56		< 18	18
012A	1487-LO-12	1		< 10	10
013A	1487-LO-13	0.56		< 18	18
014A	1487-LO-14	1		< 10	10
015A	1487-LO-15			< 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: McDonough
 Project Number: 06731050-5

Date: 11/29/2018
 Address/Unit Number: 1487 L'Orion
 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)	
1487-10-1	3	Floor	Yes	12x12	1		
-2	4	Floor	 	12x12	1		
-3	7	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	5	Sill		24x72	1.13		
-6	5	Floor		12x12	1		
-7	6	Sill		24x72	1.13		
-8	6	Floor		12x12	1		
-9	8	Sill		24x36	0.56		
-10	8	Floor		12x12	1		
-11	9	Sill		24x36	0.56		
-12	9	Floor		12x12	1		
-13	2	Sill		24x36	0.56		
-14	2	Floor		12x12	1		
-15		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: 06731050-5
 McDonough Homes
 1481 L'Orient

Date Received: 11/30/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811832 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1481-LO-1	1		< 10	10
002A	1481-LO-2	1		< 10	10
003A	1481-LO-3	2.25		30	4.4
004A	1481-LO-4	1		68	10
005A	1481-LO-5	1.13		< 8.8	8.8
006A	1481-LO-6	1		< 10	10
007A	1481-LO-7	1.13		< 8.8	8.8
008A	1481-LO-8	1		< 10	10
009A	1481-LO-9	0.56		< 18	18
010A	1481-LO-10	1		< 10	10
011A	1481-LO-11	0.56		< 18	18
012A	1481-LO-12	1		< 10	10
013A	1481-LO-13	0.56		< 18	18
014A	1481-LO-14	1		< 10	10
015A	1481-LO-15			< 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: 1 of 1

Project Name: McDonough
 Project Number: 06731050-5

Date: 11/29/2018
 Address/Unit Number: 1481 L'Oratoire
 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)
1481-10-1	3	Floor	Yes	12x12	1	
-2	2	Floor		12x12	1	
-3	1	Stair		9x36	2.25	
-4	1	Floor		12x12	1	
-5	5	Sill		24x72	1.13	
-6	5	Floor		12x12	1	
-7	6	Sill		24x72	1.13	
-8	6	Floor		12x12	1	
-9	8	Sill		24x36	0.56	
-10	8	Floor		12x12	1	
-11	9	Sill		24x36	0.56	
-12	9	Floor		12x12	1	
-13	4	Sill		24x36	0.56	
-14	4	Floor		12x12	1	
-15		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: 06731050-5
 McDonough Homes
 255 Arlington

Date Received: 11/30/2018 **Date Analyzed:** 12/5/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811837 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	255-A-1	1		< 10	10
002A	255-A-2	1		< 10	10
003A	255-A-3	2.25		5.1	4.4
004A	255-A-4	1		22	10
005A	255-A-5	1.13		< 8.8	8.8
006A	255-A-6	1		< 10	10
007A	255-A-7	1.13		< 8.8	8.8
008A	255-A-8	1		< 10	10
009A	255-A-9	0.56		< 18	18
010A	255-A-10	1		< 10	10
011A	255-A-11	0.56		< 18	18
012A	255-A-12	1		< 10	10
013A	255-A-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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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: 06731050-5
 McDonough Homes
 1489 L'Orient

Date Received: 11/30/2018 **Date Analyzed:** 12/4/2018 **Date of Issue:** 12/5/2018

Analyst: Keith Potts **Work Order:** 1811833 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	1489-LO-1	1		< 10	10
002A	1489-LO-2	1		< 10	10
003A	1489-LO-3	2.25		8.0	4.4
004A	1489-LO-4	1		23	10
005A	1489-LO-5	1.13		< 8.8	8.8
006A	1489-LO-6	1		< 10	10
007A	1489-LO-7	1.13		< 8.8	8.8
008A	1489-LO-8	1		< 10	10
009A	1489-LO-9	0.56		< 18	18
010A	1489-LO-10	1		< 10	10
011A	1489-LO-11	0.56		< 18	18
012A	1489-LO-12	1		< 10	10
013A	1489-LO-13	0.56		< 18	18
014A	1489-LO-14	1		< 10	10
015A	1489-LO-15			< 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: 1 of 1

Project Name: McDonough
Project Number: 06731050-5

Date: 11/29/2018
Address/Unit Number: 1489 L'Orient
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)	
1489-10-1	3	Floor	Yes	12x12	1		
-2	2	Floor		12x12	1		
-3	1	Stair		9x36	2.25		
-4	1	Floor		12x12	1		
-5	5	Sill		24x72	1.13		
-6	5	Floor		12x12	1		
-7	6	Sill		24x72	1.13		
-8	6	Floor		12x12	1		
-9	8	Sill		24x36	0.56		
-10	8	Floor		12x12	1		
-11	9	Sill		24x36	0.56		
-12	9	Floor		12x12	1		
-13	4	Sill		24x36	0.56		
-14	4	Floor		12x12	1		
-15		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: 06731050-5
 McDonough Homes
 Community Center

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

Analyst: Keith Potts **Work Order:** 1811676 **Page:** 1 of 1

Lab Sample #	Client Sample #	Area (ft ²)	Lead (µg)	Lead (µg/ft ²)	Reporting Limit (µg/ft ²)
001A	M-COM-1	5.17		< 1.9	1.9
002A	M-COM-2	1		< 10	10
003A	M-COM-3	0.75		< 13	13
004A	M-COM-4	1		< 10	10
005A	M-COM-5	0.5		< 20	20
006A	M-COM-6	1		< 10	10
007A	M-COM-7	1		< 10	10
008A	M-COM-8	1		< 10	10
009A	M-COM-9	0.95		< 11	11
010A	M-COM-10	1		< 10	10
011A	M-COM-11	0.611		< 16	16
012A	M-COM-12	1		< 10	10
013A	M-COM-13	1.91		< 5.2	5.2
014A	M-COM-14	1		< 10	10
015A	M-COM-15			< 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.

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**


Analyst: **Keith Potts** Work Order: **1811636** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1612-T-DS	71	20
002A	1612-T-BS	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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811636



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

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.lyndch@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:	
Company:	IOB-0873
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:	11/29/2018

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:
1480-K-(DS & BS)	2						X																		
1617-T-(DS & BS)	2						X																		
1620-T-(DS & BS)	2						X																		
1612-T-(DS & BS)	2						X																		
1605-T-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	Juenschel	11/21/18 9:30a

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

Special Instructions / Comments: See additional forms for sampling areas SW 11/21/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811638** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	123-A-DS	67	20
002A	123-A-BS	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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811638

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.jaden@psiusa.com



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

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:	11/29/2018

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 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:
135-A-(DS & BS)	2						X																		
123-A-(DS & BS)	2						X																		
1501-K-(DS & BS)	2						X																		
1493-K-(DS & BS)	2						X																		
1497-K-(DS & BS)	2						X																		
1461-K-(DS & BS)	2						X																		
1492-K-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>Jacob Frahm</i>	11/29/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811639** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1492-K-DS	36	20
002A	1492-K-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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811639

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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.lyndch@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

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: 11/29/2018

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:
135-A-(DS & BS)	2						X																		
123-A-(DS & BS)	2						X																		
1501-K-(DS & BS)	2						X																		
1493-K-(DS & BS)	2						X																		
1497-K-(DS & BS)	2						X																		
1461-K-(DS & BS)	2						X																		
1492-K-(DS & BS)	2						X																		

Relinquished by
 Jacob Frahm/PSI

Date/Time
 11/20/2018

Received by
 [Signature]

Date/Time
 11/20/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811640** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1501-K-DS	32	20
002A	1501-K-BS	38	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
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811640

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynich@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
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Requested Date:		11/29/2018

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"/> 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:
135-A-(DS & BS)	2					X																			
123-A-(DS & BS)	2					X																			
1501-K-(DS & BS)	2					X																			
1493-K-(DS & BS)	2					X																			
1497-K-(DS & BS)	2					X																			
1461-K-(DS & BS)	2					X																			
1492-K-(DS & BS)	2					X																			

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>Jacob Frahm</i>	11/21/18

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

Special Instructions / Comments: See additional forms for sampling areas - SW 11/21/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811641** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1609-T-DS	31	20
002A	1609-T-BS	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
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811641

Project Information	
Project Name:	McDonough
Project No.:	06731050-5
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.lynd@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"/>	11/29/2018

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:
1480-K (DS & BS)	2						X																		
1617-T-(DS & BS)	2						X																		
1620-T-(DS & BS)	2						X																		
1612-T-(DS & BS)	2						X																		
1609-T-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>[Signature]</i>	11/21/18

Analyst Name:	Analyst Signature:
	<i>[Signature]</i>

Special Instructions / Comments: See additional forms for sampling areas *on 11/21/18*

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811642** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	135-A-DS	54	20
002A	135-A-BS	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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

1811642

CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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 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
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Requested Date:		11/29/2018

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"/> <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:
135-A-(DS & BS)	2					X	X																	
123-A-(DS & BS)	2					X	X																	
1501-K-(DS & BS)	2					X	X																	
1493-K-(DS & BS)	2					X	X																	
1497-K-(DS & BS)	2					X	X																	
1461-K-(DS & BS)	2					X	X																	
1492-K-(DS & BS)	2					X	X																	

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>[Signature]</i>	11/21/18

Analyst Name:	Analyst Signature:
	<i>[Signature]</i>

Special Instructions / Comments: See additional forms for sampling areas - See 11/21/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811643** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	143-A-DS	41	20
002A	143-A-BS	76	20
003A	143-A-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.
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AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811643



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

Project Information

Project Name: McDonough
Project No: 06731050-5
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.lynot@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: 11/29/2018

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:
199-A-(DS & BS)	2						X																		
189-A-(DS & BS)	2						X																		
171-A-(DS & BS)	2						X																		
151-A-(DS & BS)	2						X																		
179-A-(DS & BS)	2						X																		
143-A-(DS, BS, & PA)	3						X																		
161-A-(DS & BS)	2						X																		

Relinquished by: Jacob Frahm/PSI **Date/Time:** 11/20/2018

Received by: [Signature] **Date/Time:** 11/21/18

Analyst Name: [Signature] **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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811644** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1497-K-DS	< 20	20
002A	1497-K-BS	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.
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
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811644

Project Information

Project Name: McDonough
 Project No: 06731050-5
 PO Number:
 Sample Date:

Send Results To:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-846-8148
 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:

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

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day Requested Date: 11/29/2018

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:
135-A-(DS & BS)	2					X																			
123-A-(DS & BS)	2					X																			
1501-K-(DS & BS)	2					X																			
1493-K-(DS & BS)	2					X																			
1497-K-(DS & BS)	2					X																			
1461-K-(DS & BS)	2					X																			
1492-K-(DS & BS)	2					X																			

Relinquished by: Jacob Frahm/PSI

Date/Time: 11/20/2018

Received by: [Signature]

Date/Time: 11/21/18

Analyst Name:

Analyst Signature: [Signature]

Special Instructions / Comments: See additional forms for sampling areas sw 11/21/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/27/2018** Date of Issue: **11/27/2018**

Analyst: **Keith Potts** Work Order: **1811645** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	199-A-DS	27	20
002A	199-A-BS	37	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
Keith Potts

1811645

CHAIN OF CUSTODY - ASB/LEAD/IH

PSI Information
To Build On
 Engineering • Consulting • Testing

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

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.lyndh@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:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11/29/2018

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"/> <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 AHRA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM, NOB	NY SOP-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
199-A-(DS & BS)	2						X																		
189-A-(DS & BS)	2						X																		
171-A-(DS & BS)	2						X																		
151-A-(DS & BS)	2						X																		
179-A-(DS & BS)	2						X																		
143-A-(DS, BS, & PA)	3						X																		
161-A-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>Jacob Frahm</i>	11/20/18

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

Special Instructions / Comments: See additional forms for sampling areas - SW 11/20/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811647** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1617-T-DS	24	20
002A	1617-T-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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811641

Project Information	
Project Name:	McDonough
Project No.:	06731050-5
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.lynd@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"/>	11/29/2018

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 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:
1480-K (DS & BS)	2						X																		
1617-T-(DS & BS)	2						X																		
1620-T-(DS & BS)	2						X																		
1612-T-(DS & BS)	2						X																		
1609-T-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>[Signature]</i>	11/21/18

Analyst Name:	Analyst Signature:
	<i>[Signature]</i>

Special Instructions / Comments: See additional forms for sampling areas on 11/21/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811648** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1461-K-DS	32	20
002A	1461-K-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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811648

Project Information

Project Name: McDenough
 Project No: 06731050-5
 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.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: 11/29/2018

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:
135-A-(DS & BS)	2						X																		
123-A-(DS & BS)	2						X																		
1501-K-(DS & BS)	2						X																		
1493-K-(DS & BS)	2						X																		
1497-K-(DS & BS)	2						X																		
146T-K-(DS & BS)	2						X																		
1492-K-(DS & BS)	2						X																		

Relinquished by
 Jacob Frahm/PSI

Date/Time
 11/20/2018

Received by
 [Signature]

Date/Time
 11/21/18

Analyst Name:

Analyst Signature:

Special Instructions / Comments: See additional forms for sampling areas *see 11/20/18*

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811649** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	161-A-DS	600	20
002A	161-A-BS	99	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
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811649

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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 Waters Road, #112 Eagan, MN 55121
Telephone:	651-848-8148
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:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11/29/2018

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 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:
199-A-(DS & BS)	2						X																		
189-A-(DS & BS)	2						X																		
171-A-(DS & BS)	2						X																		
151-A-(DS & BS)	2						X																		
179-A-(DS & BS)	2						X																		
143-A-(DS, BS, & PA)	3						X																		
161-A-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>[Signature]</i>	11/21/18

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

Special Instructions / Comments: See additional forms for sampling areas *see 11/21/18*

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811650** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	171-A-DS	27	20
002A	171-A-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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811650

Project Information	
Project Name:	McDonough
Project No.:	06731050-5
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 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	<input type="checkbox"/>	
1-2 Day	<input type="checkbox"/>	
3-5 Day	<input checked="" type="checkbox"/>	
Requested Date:	11/29/2018	

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 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:
199-A-(DS & BS)	2						X																		
189-A-(DS & BS)	2						X																		
171-A-(DS & BS)	2						X																		
151-A-(DS & BS)	2						X																		
179-A-(DS & BS)	2						X																		
143-A-(DS, BS, & PA)	3						X																		
161-A-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>[Signature]</i>	11/21/18

Analyst Name:		Analyst Signature:	<i>[Signature]</i>
---------------	--	--------------------	--------------------

Special Instructions / Comments: See additional forms for sampling areas *SN 11/21/18*

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811651** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1493-K-DS	24	20
002A	1493-K-BS	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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811651

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.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:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11/29/2018

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"/> 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 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:
135-A-(DS & BS)	2					X	X																		
123-A-(DS & BS)	2					X	X																		
1501-K-(DS & BS)	2					X	X																		
1493-K-(DS & BS)	2					X	X																		
1497-K-(DS & BS)	2					X	X																		
1461-K-(DS & BS)	2					X	X																		
1492-K-(DS & BS)	2					X	X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>[Signature]</i>	11/20/2018

Analyst Name:		Analyst Signature:	<i>[Signature]</i>
---------------	--	--------------------	--------------------

Special Instructions / Comments: See additional forms for sampling areas on 11/20/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811652** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	151-A-DS	< 20	20
002A	151-A-BS	25	19

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
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811652

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 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-0673
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day Requested Date: 11/29/2018

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	Other:
199-A-(DS & BS)	2						X																	
189-A-(DS & BS)	2						X																	
171-A-(DS & BS)	2						X																	
151-A-(DS & BS)	2						X																	
179-A-(DS & BS)	2						X																	
143-A-(DS, BS, & PA)	3						X																	
161-A-(DS & BS)	2						X																	

Relinquished by: Jacob Frahm/PSI
Date/Time: 11/20/2018

Received by: [Signature]
Date/Time: 11/21/18

Analyst Name:
Analyst Signature: [Signature]

Special Instructions / Comments: See additional forms for sampling areas. See 11/21/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811653** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	189-A-DS	45	20
002A	189-A-BS	38	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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Client submitted data is the determining factor in the accuracy of calculated results.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Keith Potts

1811653

CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information	
Project Name:	McDonough
Project No.:	06731050-5
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.lyndt@psiusa.com jacob.frahm@psiusa.com michael.tjeden@psiusa.com



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:		11/29/2018

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 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:
199-A-(DS & BS)	2						X																		
189-A-(DS & BS)	2						X																		
171-A-(DS & BS)	2						X																		
151-A-(DS & BS)	2						X																		
179-A-(DS & BS)	2						X																		
143-A-(DS, BS, & PA)	3						X																		
161-A-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>Jacob Frahm</i>	11/21/18

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

Special Instructions / Comments: See additional forms for sampling areas SW 1/2 1/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811654** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1480-K-DS	49	20
002A	1480-K-BS	41	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
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811654

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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.lyndh@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: 11/29/2018

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:
1480-K-(DS & BS)	2					X	X																		
1617-T-(DS & BS)	2					X	X																		
1620-T-(DS & BS)	2					X	X																		
1612-T-(DS & BS)	2					X	X																		
1609-T-(DS & BS)	2					X	X																		

Relinquished by: Jacob Frahm/PSI **Date/Time:** 11/20/2018

Received by: *J. Lynch* **Date/Time:** 11/29/2018

Analyst Name: **Analyst Signature:** *J. Lynch*

Special Instructions / Comments: See additional forms for sampling areas. See 11/29/18

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: **06731050-5**
McDonough Homes

Date Received: **11/21/2018** Date Analyzed: **11/28/2018** Date of Issue: **11/29/2018**

Analyst: **Keith Potts** Work Order: **1811655** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1620-T-DS	< 20	20
002A	1620-T-BS	22	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
Keith Potts

CHAIN OF CUSTODY - ASB/LEAD/IH

1811655

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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

Company:	IOB-0673	Send Invoice To:
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"/>	11/29/2018

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 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 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:
1480-K-(DS & BS)	2						X																		
1617-T-(DS & BS)	2						X																		
1620-T-(DS & BS)	2						X																		
1672-T-(DS & BS)	2						X																		
1609-T-(DS & BS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/20/2018	<i>Jacob Frahm</i>	11/21/18

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

Special Instructions / Comments: See additional forms for sampling areas - SN 11/21/18

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: **06731050-5**
McDonough Homes
1475 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811707** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1475-T-BS	42	20
002A	1475-T-DS	41	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

1811707



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

Project Information

Project Name: McDonough
Project No: 06731050-5
PO Number:
Sample Date:

Send Results To:

Company: PSI
Attn: Jacob Frahm
Address: 2915 Waters Road, #112 Egan, MN 55121
Telephone: 651-648-6148
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: 12/3/2018

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	Other:
1549-T-(BS & DS)	2					X	X																	
1475-T-(BS & DS)	2					X	X																	
1576-T-(BS & DS)	2					X	X																	
1564-T-(BS & DS)	2					X	X																	
1579-T-(BS & DS)	2					X	X																	
1491-T-(BS & DS)	2					X	X																	
1572-T-(BS & DS)	2					X	X																	

Relinquished by: Jacob Frahm/PSI
Date/Time: 11/26/2018
Received by: *J. Swensel*
Date/Time: 11/27/18
9:32a

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: **06731050-5**
McDonough Homes
135 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811708** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	135-B-BS	< 20	20
002A	135-B-DS	26	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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The attached Chain of Custody is incorporated into and becomes a part of the final report.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811708

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 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: 12/3/2018

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	NV PLM Friable/NOB	NV TEM NOB	NV SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
135-B-(BS & DS)	2						X																		

Relinquished by: Jacob Frahm/PSI
Date/Time: 11/26/2018

Received by: *Stuenkel*
Date/Time: 11/27/18 9:30c

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: 06731050-5
 McDonough Homes
 139 B

Date Received: 11/27/2018 **Date Analyzed:** 12/3/2018 **Date of Issue:** 12/3/2018

Analyst: Keith Potts **Work Order:** 1811709 **Page:** 1 of 1

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	139-B-BS	< 20	20
002A	139-B-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.
 Sample results are not corrected for blanks.
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Respectfully submitted,
 PSI, Inc.

Cathy McNamee

Approved Signatory
 Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811709

Project Information

Project Name: McDonough
Project No: 08731080-5
PO Number:
Sample Date:
Send Results To:
Company: PSI
Attn: Jacob Frahm
Address: 2915 Waters Road, #112 Eagan, MN 55121
Telephone: 651-648-8148
Email: john.lynych@psiusa.com jacob.frahm@psiusa.com michael.taden@psiusa.com



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

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: 12/3/2018

Stop at First Positive
 Y N

Laboratory Use Only Y N
 All Samples In Acceptable Condition:
 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 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:
1585-T-(BS & DS)	2					X	X																		
1605-T-(BS & DS)	2					X	X																		
1569-T-(BS & DS)	2					X	X																		
1617-T-(BS & DS)	2					X	X																		
1628-T-(BS & DS)	2					X	X																		
151-B-(BS & DS)	2					X	X																		
139-B-(BS & DS)	2					X	X																		

Relinquished by: Jacob Frahm/PSI
Date/Time: 11/26/2018
Received by: *J. Mensel*
Date/Time: 11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1628 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811710** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1628-T-BS	< 20	20
002A	1628-T-DS	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.
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Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811710

Project Information

Project Name: McDonough
 Project No: 06731050-5
 PO Number:
 Sample Date:

Send Results To:

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

PSI Information
To Build On
 Engineering • Consulting • Testing

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

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: 12/3/2018

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:
1585-T-(BS & DS)	2						X																		
1605-T-(BS & DS)	2						X																		
1569-T-(BS & DS)	2						X																		
1617-T-(BS & DS)	2						X																		
1628-T-(BS & DS)	2						X																		
151-B-(BS & DS)	2						X																		
139-B-(BS & DS)	2						X																		

Relinquished by
 Jacob Frahm/PSI

Date/Time
 11/26/2018

Received by
 J. J. Mensel

Date/Time
 11/27/18 9:30c

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: **06731050-5**
McDonough Homes
1569 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811711** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1569-T-BS	23	20
002A	1569-T-DS	34	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.

Cathy McNamee

Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811711

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-846-8148
 Email: john.lyndh@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: 12/3/2018

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 "8 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:
1585-T-(BS & DS)	2						X																		
1605-T-(BS & DS)	2						X																		
1568-T-(BS & DS)	2						X																		
1617-T-(BS & DS)	2						X																		
1628-T-(BS & DS)	2						X																		
151-B-(BS & DS)	2						X																		
139-B-(BS & DS)	2						X																		

Relinquished by
 Jacob Frahm/PSI

Date/Time
 11/26/2018

Received by
 J. Shensul

Date/Time
 11/27/18 9:30c

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: **06731050-5**
McDonough Homes
1564 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811712** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1564-T-BS	24	20
002A	1564-T-DS	35	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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

18/1712

Project Information	
Project Name:	McDonough
Project No:	08731050-5
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	<input type="checkbox"/>	1-2 Day	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	3-5 Day	<input type="checkbox"/>
Requested Date:			12/3/2018

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 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	Other:
1549-T-(BS & DS)	2						X																	
1475-T-(BS & DS)	2						X																	
1576-T-(BS & DS)	2						X																	
1564-T-(BS & DS)	2						X																	
1579-T-(BS & DS)	2						X																	
1491-T-(BS & DS)	2						X																	
1572-T-(BS & DS)	2						X																	

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	Jacob Frahm	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1491 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811713** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1491-T-BS	33	20
002A	1491-T-DS	39	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

1811713

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lynch@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: 12/3/2018

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	Other:
1549-T-(BS & DS)	2					X	X																	
1475-T-(BS & DS)	2					X	X																	
1576-T-(BS & DS)	2					X	X																	
1564-T-(BS & DS)	2					X	X																	
1579-T-(BS & DS)	2					X	X																	
1491-T-(BS & DS)	2					X	X																	
1572-T-(BS & DS)	2					X	X																	

Relinquished by
 Jacob Frahm/PSI

Date/Time
 11/26/2018

Received by
 [Signature]

Date/Time
 12/27/18 9:30a

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: **06731050-5**
McDonough Homes
1585 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811714** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1585-T-BS	28	20
002A	1585-T-DS	22	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

1811714

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lynch@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: 12/3/2018

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	LM 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:
1585-T-(BS & DS)	2						X																		
1605-T-(BS & DS)	2						X																		
1569-T-(BS & DS)	2						X																		
1617-T-(BS & DS)	2						X																		
1628-T-(BS & DS)	2						X																		
151-B-(BS & DS)	2						X																		
139-B-(BS & DS)	2						X																		

Relinquished by
 Jacob Frahm/PSI

Date/Time
 11/26/2018

Received by
 [Signature]

Date/Time
 11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1549 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811715** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1549-T-BS	< 20	20
002A	1549-T-DS	44	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.

Cathy McNamee

Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811715

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-648-8148
 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: 12/3/2018

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	Other:
1549-T-(BS & DS)	2					X	X																	
1475-T-(BS & DS)	2					X	X																	
1576-T-(BS & DS)	2					X	X																	
1564-T-(BS & DS)	2					X	X																	
1579-T-(BS & DS)	2					X	X																	
1491-T-(BS & DS)	2					X	X																	
1572-T-(BS & DS)	2					X	X																	

Relinquished by: Jacob Frahm/PSI

Date/Time: 11/26/2018

Received by: *J. Mensel*

Date/Time: 11/27/18 9:30C

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: **06731050-5**
McDonough Homes
1576 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811716** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1576-T-BS	< 20	20
002A	1576-T-DS	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.
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.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811716



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

Project Information

Project Name: McDonough
Project No: 06731050-5
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.tjaden@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: 12/3/2018

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:
1549-T-(BS & DS)	2					X	X																		
1475-T-(BS & DS)	2					X	X																		
1576-T-(BS & DS)	2					X	X																		
1564-T-(BS & DS)	2					X	X																		
1579-T-(BS & DS)	2					X	X																		
1491-T-(BS & DS)	2					X	X																		
1572-T-(BS & DS)	2					X	X																		

*Both samples labeled 1576-T-BS
no sample 1576-T-DS received - SW 11/27/18*

Relinquished by
Jacob Frahm/PSI

Date/Time
11/26/2018

Received by
J. Gwenski

Date/Time
11/27/18
9:30a

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: **06731050-5**
McDonough Homes
1617 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811717** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1617-T-BS	32	20
002A	1617-T-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.
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

1811717

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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 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-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:		12/3/2018

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"/> <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 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	Other:
1585-T-(BS & DS)	2						X																	
1605-T-(BS & DS)	2						X																	
1569-T-(BS & DS)	2						X																	
1617-T-(BS & DS)	2						X																	
1628-T-(BS & DS)	2						X																	
151-B-(BS & DS)	2						X																	
139-B-(BS & DS)	2						X																	

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	J. Wensel	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
151 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811718** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	151-B-BS	36	20
002A	151-B-DS	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.
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

1811718

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.tjaden@psiusa.com

PSI Information
To Build On
Engineering • Consulting • Testing

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

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:		12/3/2018

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"/> <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 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:
1585-T-(BS & DS)	2					X	X																		
1605-T-(BS & DS)	2					X	X																		
1569-T-(BS & DS)	2					X	X																		
1617-T-(BS & DS)	2					X	X																		
1628-T-(BS & DS)	2					X	X																		
151-B-(BS & DS)	2					X	X																		
139-B-(BS & DS)	2					X	X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	J. Swenski	11/27/18 9:30C

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: **06731050-5**
McDonough Homes
1572 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811719** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1572-T-BS	< 20	20
002A	1572-T-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.
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

1811719

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.tjaden@psiusa.com

PSI Information
To Build On
Engineering • Consulting • Testing

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

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:	12/3/2018

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 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	Other:
1549-T-(BS & DS)	2					X	X																	
1475-T-(BS & DS)	2					X	X																	
1576-T-(BS & DS)	2					X	X																	
1564-T-(BS & DS)	2					X	X																	
1579-T-(BS & DS)	2					X	X																	
1491-T-(BS & DS)	2					X	X																	
1572-T-(BS & DS)	2					X	X																	

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>J. Frahm</i>	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1479 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811720** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1479-T-BS	26	20
002A	1479-T-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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

1811720

CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 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: 12/3/2018

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:
1549-T-(BS & DS)	2						X																		
1475-T-(BS & DS)	2						X																		
1576-T-(BS & DS)	2						X																		
1584-T-(BS & DS)	2						X																		
1679-T-(BS & DS)	2						X																		
1491-T-(BS & DS)	2						X																		
1572-T-(BS & DS)	2						X																		

Relinquished by: Jacob Frahm/PSI **Date/Time:** 11/26/2018

Received by: *Swenshal* **Date/Time:** 11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1605 T

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811721** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1605-T-BS	< 20	20
002A	1605-T-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.
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

1811721

Project Information

Project Name: McDonough
 Project No: 06731050-5
 PO Number:
 Sample Date:

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 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: 12/3/2018

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:
1585-T-(BS & DS)	2						X																		
1605-T-(BS & DS)	2						X																		
1569-T-(BS & DS)	2						X																		
1617-T-(BS & DS)	2						X																		
1628-T-(BS & DS)	2						X																		
151-B-(BS & DS)	2						X																		
139-B-(BS & DS)	2						X																		

Relinquished by: Jacob Frahm/PSI
Date/Time: 11/26/2018

Received by: *James Swad*
Date/Time: 11/27/18
9:30am

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: **06731050-5**
McDonough Homes
1481 K

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

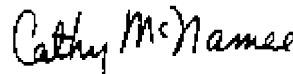
Analyst: **Keith Potts** Work Order: **1811724** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1481-K-BS	24	20
002A	1481-K-DS	52	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

1811724

CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.lyndh@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	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	12/3/2018

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:
1481-K-(BS & DS)	2						X																		
1496-K-(BS & DS)	2						X																		
1508-K-(BS & DS)	2						X																		
1516-K-(BS & DS)	2						X																		
164-B-(BS & DS)	2						X																		
188-B-(BS & DS)	2						X																		
163-B-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	Summer skel	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
108 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811725** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	108-B-BS	24	20
002A	108-B-DS	40	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

1811725

PSI Information
To Build On
 Engineering • Consulting • Testing

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

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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.lyndh@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: 12/3/2018

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:
108-B-(BS & DS)	2					X																			
1508-K-(BS & DS)	2					X																			

Relinquished by: Jacob Frahm/PSI
Date/Time: 11/26/2018

Received by: *Shuenshu*
Date/Time: 11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1505 K

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811726** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1505-K-BS	38	20
002A	1505-K-DS	92	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

1811724

Project Information

Project Name: McDonough
 Project No: 08731050-5
 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 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-0873
 Attn: Accounts Payable
 Address:
 Telephone:
 Email:

Requested Turnaround Time:

Same Day 1-2 Day 3-5 Day Requested Date: 12/3/2018

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 Fhable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Other:
108-B-(BS & DS)	2						X																	
150-K-(BS & DS)	2						X																	
SUW 11/28/18																								

Relinquished by: Jacob Frahm/PSI

Date/Time: 11/26/2018

Received by: Shuershel

Date/Time: 11/27/18 9:30a

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: **06731050-5**
McDonough Homes
155 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

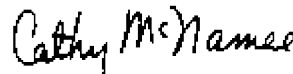
Analyst: **Keith Potts** Work Order: **1811727** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	155-B-BS	28	20
002A	155-B-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.
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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The attached Chain of Custody is incorporated into and becomes a part of the final report.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811727

Project Information

Project Name: McDonough
 Project No: 08731050-5
 PO Number:
 Sample Date:

Company: PSI
 Attn: Jacob Frahm
 Address: 2915 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-646-8148
 Email: john.lyndh@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 Results To:

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

Send Invoice To:

Requested Turnaround Time:
 Same Day 1-2 Day 3-5 Day
 Requested Date: 12/3/2018

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	Other:
176-B-(BS & DS)	2						X																	
155-B-(BS & DS)	2						X																	
159-B-(BS & DS)	2						X																	
136-B-(BS & DS)	2						X																	
128-B-(BS & DS)	2						X																	
124-B-(BS & DS)	2						X																	
120-B-(BS & DS)	2						X																	

Relinquished by: Jacob Frahm/PSI
 Date/Time: 11/26/2018

Received by: *Juwenski*
 Date/Time: 11/27/18 9:30a

Analyst Name:
 Analyst Signature:
 Date/Time:

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: 06731050-5
 McDonough Homes
 124 B

Date Received: 11/27/2018 **Date Analyzed:** 12/3/2018 **Date of Issue:** 12/3/2018

Analyst: Keith Potts **Work Order:** 1811728 **Page:** 1 of 1

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	124-B-BS	27	20
002A	124-B-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.
 Sample results are not corrected for blanks.
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Respectfully submitted,
 PSI, Inc.

Cathy McNamee

Approved Signatory
 Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811728

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 Waters Road, #112 Eagan, MN 55121
 Telephone: 651-846-8148
 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: 12/3/2018

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:
176-B-(BS & DS)	2						X																		
155-B-(BS & DS)	2						X																		
159-B-(BS & DS)	2						X																		
136-B-(BS & DS)	2						X																		
128-B-(BS & DS)	2						X																		
124-B-(BS & DS)	2						X																		
120-B-(BS & DS)	2						X																		

Relinquished by
 Jacob Frahm/PSI

Date/Time
 11/26/2018

Received by
 [Signature]

Date/Time
 11/27/18 9:30c

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: **06731050-5**
McDonough Homes
163 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811729** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	163-B-BS	25	20
002A	163-B-DS	41	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

1811729

Project Information	
Project Name:	McDonough
Project No:	06731050-5
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-846-8148
Email:	john.lynet@psiusa.com jacob.frahm@psiusa.com michael.ljaden@psiusa.com



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

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:		12/3/2018

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"/> <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 "8 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	Other:
1481-K-(BS & DS)	2					X	X																	
1496-K-(BS & DS)	2					X	X																	
1508-K-(BS & DS)	2					X	X																	
1516-K-(BS & DS)	2					X	X																	
164-B-(BS & DS)	2					X	X																	
188-B-(BS & DS)	2					X	X																	
163-B-(BS & DS)	2					X	X																	

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	Jawenski	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
164 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811730** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	164-B-BS	28	20
002A	164-B-DS	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.
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

1811730

Project Information	
Project Name:	McDonough
Project No:	06731050-5
PO Number:	
Sample Date:	

Send Results To:	
Company:	PSI
ATTN:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-648-8148
Email:	john.lynech@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-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:		12/3/2018

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 TCP	PCM	PCM "8 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:
1481-K-(BS & DS)	2						X																		
1496-K-(BS & DS)	2						X																		
1508-K-(BS & DS)	2						X																		
1516-K-(BS & DS)	2						X																		
164-B-(BS & DS)	2						X																		
188-B-(BS & DS)	2						X																		
163-B-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>Stuenkel</i>	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
188 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811752** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	188-B-BS	49	20
002A	188-B-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.
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Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

1811752

CHAIN OF CUSTODY - ASB/LEAD/IH

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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 Waters Road, #112 Eagan, MN 55121
Telephone:	651-648-8148
Email:	john.lynn@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

Send Invoice To:	
Company:	IOB-4673
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:		12/3/2018

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"/> <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 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:
1481-K-(BS & DS)	2						X																		
1496-K-(BS & DS)	2						X																		
1508-K-(BS & DS)	2						X																		
1516-K-(BS & DS)	2						X																		
164-B-(BS & DS)	2						X																		
188-B-(BS & DS)	2						X																		
163-B-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>Szwenski</i>	11/27/18 9:30z

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: **06731050-5**
McDonough Homes
128 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811753** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	128-B-BS	22	20
002A	128-B-DS	26	21

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

1811753

Project Information

Project Name: McDonough
 Project No: 06731050-5
 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 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: 12/3/2018

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 SOFV	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
176-B-(BS & DS)	2						X																		
155-B-(BS & DS)	2						X																		
159-B-(BS & DS)	2						X																		
136-B-(BS & DS)	2						X																		
128-B-(BS & DS)	2						X																		
124-B-(BS & DS)	2						X																		
120-B-(BS & DS)	2						X																		

Reinquished by
 Jacob Frahm/PSI

Date/Time
 11/26/2018

Received by
 [Signature]

Date/Time
 11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1508 K

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811754** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1508-K-BS	< 21	21
002A	1508-K-DS	30	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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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

1811754



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

Project Information	
Project Name:	McDonough
Project No:	06731050-5
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-848-8148
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
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Requested Date:		12/3/2018

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:
1481-K-(BS & DS)	2						X																	
1496-K-(BS & DS)	2						X																	
1508-K-(BS & DS)	2						X																	
1516-K-(BS & DS)	2						X																	
164-B-(BS & DS)	2						X																	
188-B-(BS & DS)	2						X																	
163-B-(BS & DS)	2						X																	

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>J. Luenskiel</i>	11/27/18 9:30a

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: 06731050-5
 McDonough Homes
 120 B

Date Received: 11/27/2018 **Date Analyzed:** 12/3/2018 **Date of Issue:** 12/3/2018

Analyst: Keith Potts **Work Order:** 1811755 **Page:** 1 of 1

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	120-B-BS	< 20	20
002A	120-B-DS	27	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

CHAIN OF CUSTODY - ASB/LEAD/IH

1811755

Project Information	
Project Name:	McDonough
Project No:	06731050-5
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-648-8148
Email:	john.lynich@psiusa.com jacob.frahm@psiusa.com michael.ljaden@psiusa.com



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

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:		12/3/2018

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 AHRA	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:
176-B-(BS & DS)	2					X	X																		
155-B-(BS & DS)	2					X	X																		
159-B-(BS & DS)	2					X	X																		
136-B-(BS & DS)	2					X	X																		
128-B-(BS & DS)	2					X	X																		
124-B-(BS & DS)	2					X	X																		
120-B-(BS & DS)	2					X	X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>Siemenski</i>	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
176 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811756** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	176-B-BS	30	20
002A	176-B-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.

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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811756

Project Information	
Project Name:	McDonough
Project No:	08731050-5
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-846-8148
Email:	john.lyndh@psiusa.com jacob.frahm@psiusa.com michael.tjaden@psiusa.com

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

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:			12/3/2018

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 Charfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM NOB	NY SOF-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
176-B-(BS & DS)	2						X																		
155-B-(BS & DS)	2						X																		
159-B-(BS & DS)	2						X																		
136-B-(BS & DS)	2						X																		
128-B-(BS & DS)	2						X																		
124-B-(BS & DS)	2						X																		
120-B-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>Saulenski</i>	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
159 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811757** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	159-B-BS	41	20
002A	159-B-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.
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AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.
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PSI, Inc.



Approved Signatory
Cathy McNamee

1811757

CHAIN OF CUSTODY - ASB/LEAD/IH

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

Project Information	
Project Name:	McDonough
Project No:	06731050-5
PO Number:	
Sample Date:	
Send Results To:	
Company:	PSI
Attn:	Jacob Frahm
Address:	2915 Waters Road, #112 Eagan, MN 55121
Telephone:	651-846-8148
Email:	john.lynich@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	<input type="checkbox"/>
1-2 Day	<input type="checkbox"/>
3-5 Day	<input checked="" type="checkbox"/>
Requested Date:	12/3/2018

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 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:
176-B-(BS & DS)	2						X																		
155-B-(BS & DS)	2						X																		
159-B-(BS & DS)	2						X																		
136-B-(BS & DS)	2						X																		
128-B-(BS & DS)	2						X																		
124-B-(BS & DS)	2						X																		
120-B-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>[Signature]</i>	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
1516 K

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

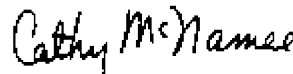
Analyst: **Keith Potts** Work Order: **1811758** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1516-K-BS	33	20
002A	1516-K-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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PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811758

Project Information	
Project Name:	McDonough
Project No:	06731050-5
PO Number:	
Sample Date:	

PSI Information
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 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 Waters Road, #112 Eagan, MN 55121
Telephone:	651-646-8148
Email:	john.lynch@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
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Requested Date:		12/3/2018

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 SOFV	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Total Chromium	Other:
1481-K-(BS & DS)	2						X																		
1496-K-(BS & DS)	2						X																		
1508-K-(BS & DS)	2						X																		
1516-K-(BS & DS)	2						X																		
164-B-(BS & DS)	2						X																		
188-B-(BS & DS)	2						X																		
163-B-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>Sumner</i>	11/27/18 9:30a

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: **06731050-5**
McDonough Homes
136 B

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811759** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	136-B-BS	21	20
002A	136-B-DS	23	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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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.

Cathy McNamee

Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811759

Project Information	
Project Name:	McDonough
Project No:	06731050-5
PO Number:	
Sample Date:	

PSI Information
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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-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"/>	12/3/2018

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:
176-B-(BS & DS)	2						X																		
155-B-(BS & DS)	2						X																		
159-B-(BS & DS)	2						X																		
136-B-(BS & DS)	2						X																		
128-B-(BS & DS)	2						X																		
124-B-(BS & DS)	2						X																		
120-B-(BS & DS)	2						X																		

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	<i>Jacob Frahm</i>	11/27/18 9:30am

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: **06731050-5**
McDonough Homes
1496 K

Date Received: **11/27/2018** Date Analyzed: **12/3/2018** Date of Issue: **12/3/2018**

Analyst: **Keith Potts** Work Order: **1811760** Page: **1 of 1**

Lab Sample #	Client Sample #	Lead (mg/kg)	Reporting Limit (mg/kg)
001A	1496-K-BS	76	20
002A	1496-K-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.
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Respectfully submitted,
PSI, Inc.



Approved Signatory
Cathy McNamee

CHAIN OF CUSTODY - ASB/LEAD/IH

1811760

Project Information	
Project Name:	McDonough
Project No:	06731050-5
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.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:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/3/2018

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 AHRA	TEM 7402	TEM Chatfield	TEM Vacuum	TEM Wipe	NY PLM Friable/NOB	NY TEM/NOB	NY SOP-V	Total Nuisance Dust	Respirable Dust	Cadmium	Zinc	Other:
1481-K-(BS & DS)	2						X																	
1496-K-(BS & DS)	2						X																	
1508-K-(BS & DS)	2						X																	
1516-K-(BS & DS)	2						X																	
164-B-(BS & DS)	2						X																	
188-B-(BS & DS)	2						X																	
163-B-(BS & DS)	2						X																	

Relinquished by	Date/Time	Received by	Date/Time
Jacob Frahm/PSI	11/26/2018	J. Muensel	11/27/18 8:30a

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

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

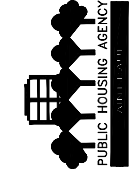
TYPE A1 (1 BED)	35 Units	TYPE C4 (4 BED)	36 Units
TYPE A2 (2 BED)	114 Units	TYPE D5 (5 BED)	8 Units
TYPE A3 (3 BED)	8 Units	TYPE L3 (3 BED)	52 Units
TYPE A4 (4 BED)	31 Units	TYPE M4 (4 BED)	24 Units
TYPE B2 (2 BED)	108 Units	TYPE N5 (5 BED)	20 Units
TYPE B3 (3 BED)	108 Units	TYPE P2 (2 BED)	12 Units
TYPE C2 (2 BED)	36 Units		

ACCESSIBLE UNITS = 29

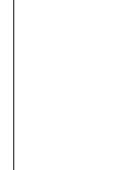
A Bldgs – A & G Units are on ground level
 A Bldgs – B & H Units are on upper level

MN-1 – Original Units (484)
 MN-4 – 1st Add. (42)
 MN-8B – 2nd Add. (54)

592 TOTAL UNITS

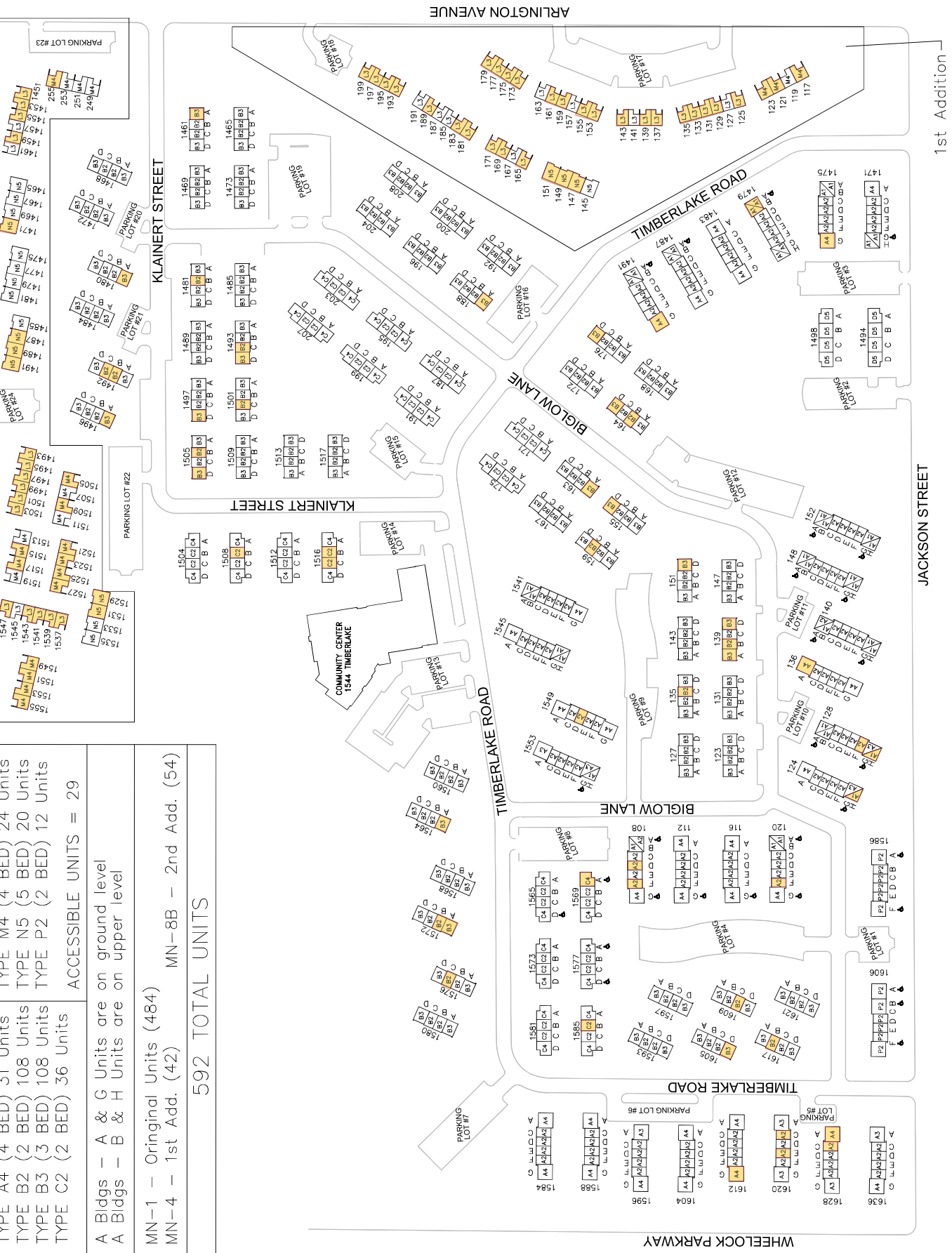


PROJECT NAME: WINDYBUSH HOMES
 AMP NO.:
 SHEET TITLE: SITE PLAN



SCALE: N.T.S.
 DATE: 3/8/2018
 DRAWN BY: MJS

M1



PROJECT NAME: WINDYBUSH HOMES
 AMP NO.:
 SHEET TITLE: SITE PLAN

SCALE: N.T.S.
 DATE: 3/8/2018
 DRAWN BY: MJS



M1



ADDITION SITE PLANS

PROJECT NAME: WINDSOR HOMES

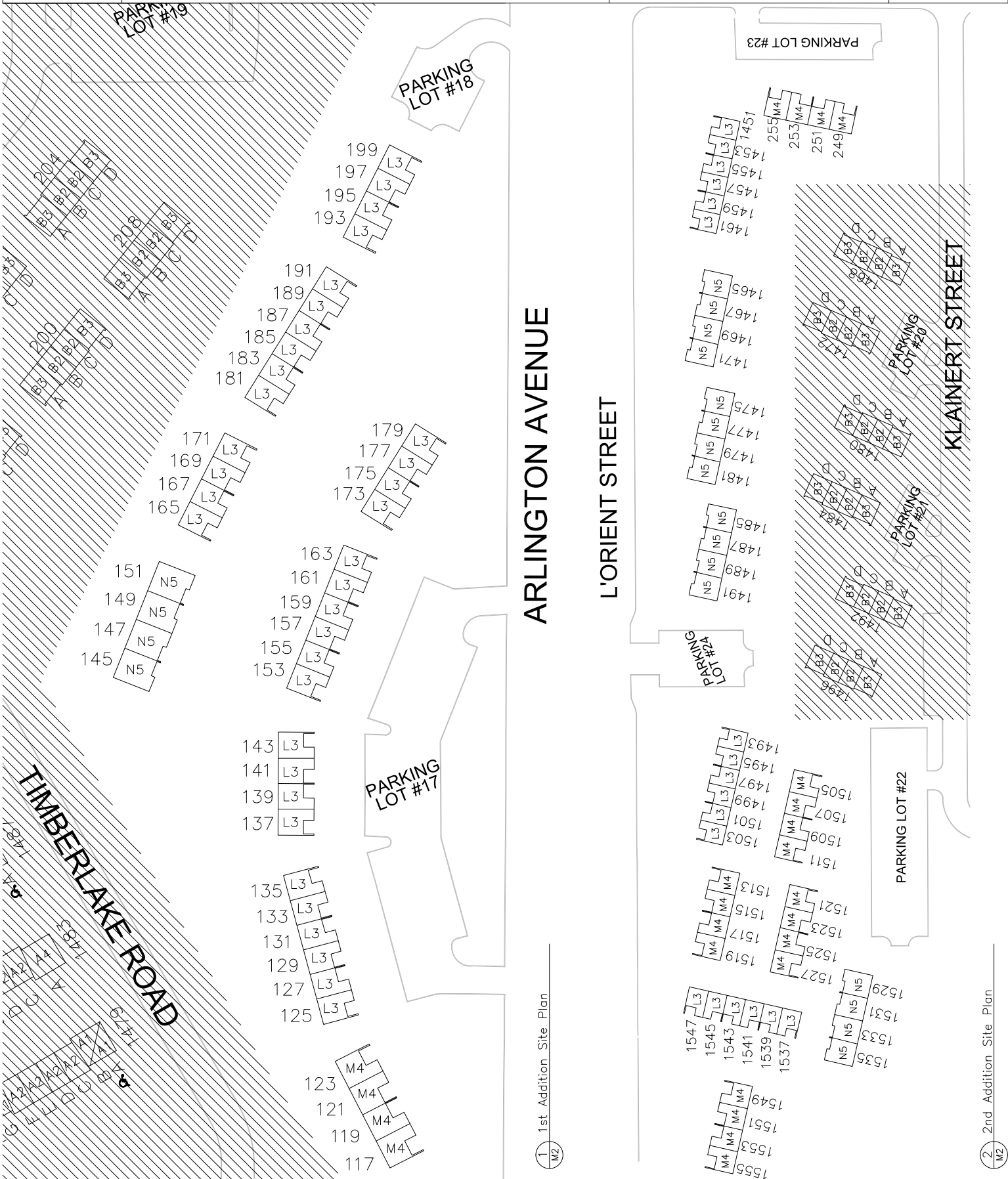
PROJECT TITLE: ADDITION SITE PLANS

SHEET TITLE: M2

AMP NO. 3/8/2018

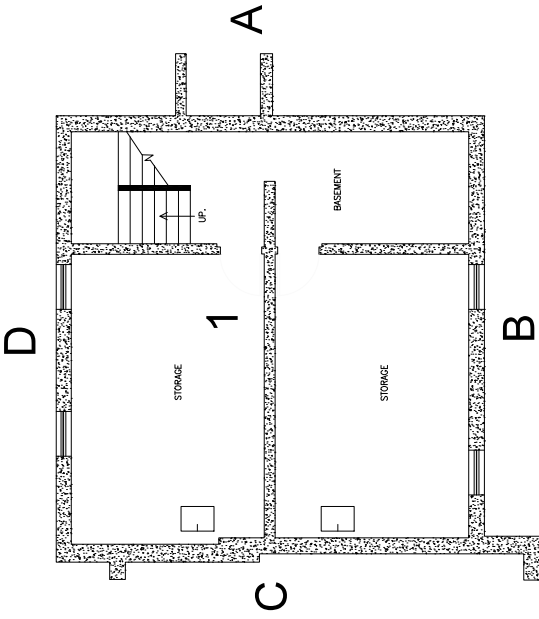
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DATE: 3/8/2018
DRAWN BY: MIS

M2



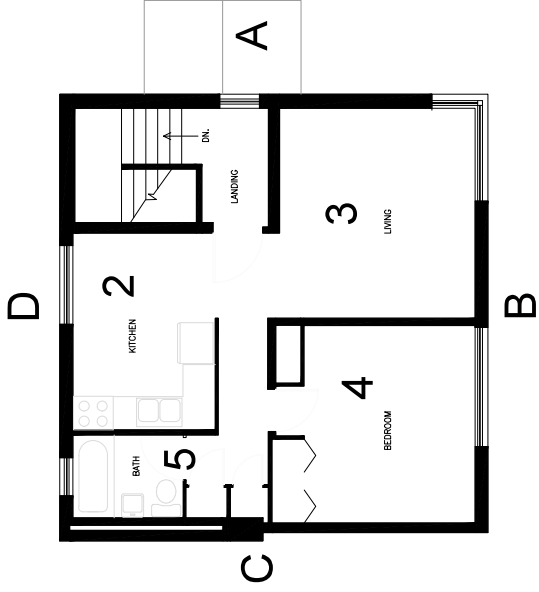
1 1st Addition Site Plan

2 2nd Addition Site Plan



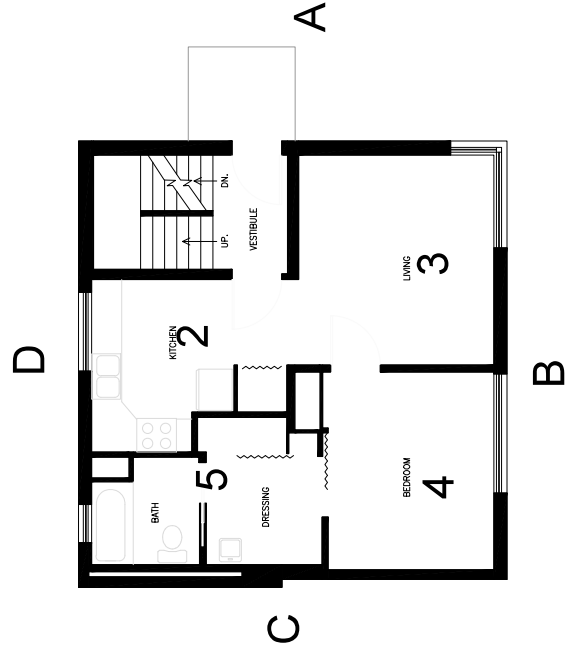
A1 Type A - 1 Bedroom

1 Shared Basement - 598 sq ft



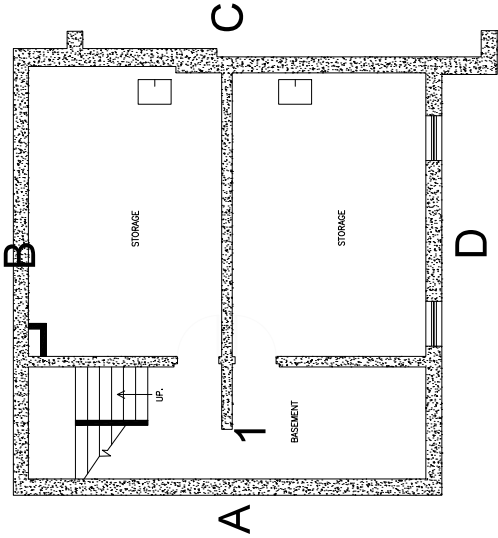
A1 Type A - 1 Bedroom

3 Upper Level Unit - 514 sq ft
Lower Level Non-ADA sim.



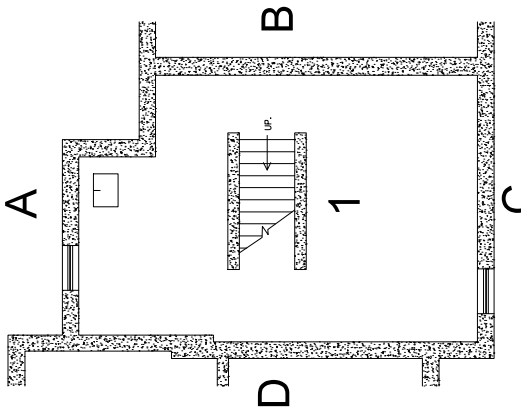
A1 Type A - 1 Bedroom

2 Lower Level ADA Unit - 514 sq ft



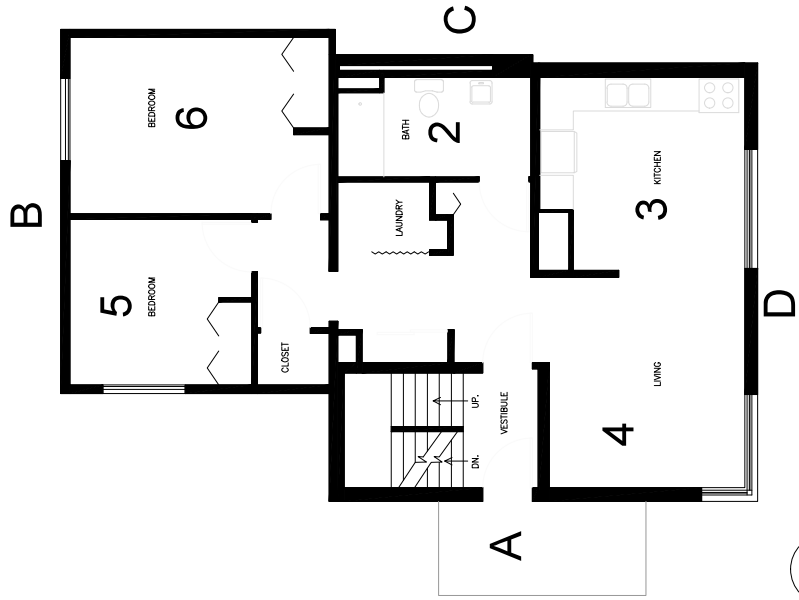
A2 Type A - 2 Bedroom (ADA End Unit)

1 Shared Basement - 598 sq ft



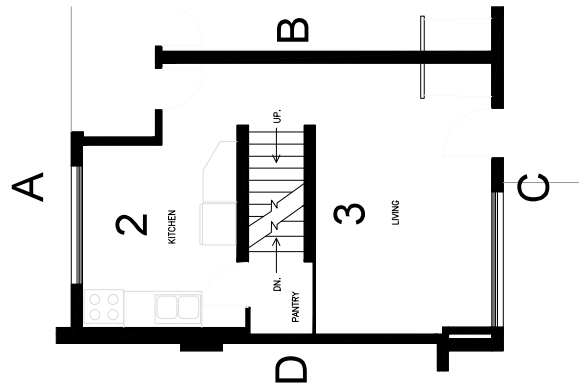
A2 Type A - 2 Bedroom

3 Basement - 362 sq ft



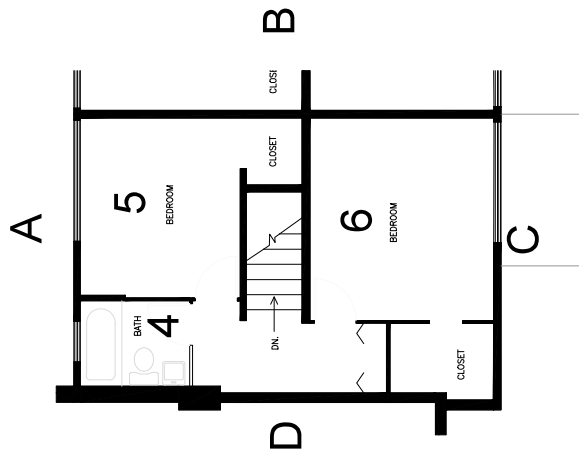
A2 Type A - 2 Bedroom (ADA End Unit)

2 Lower Level - 851 sq ft



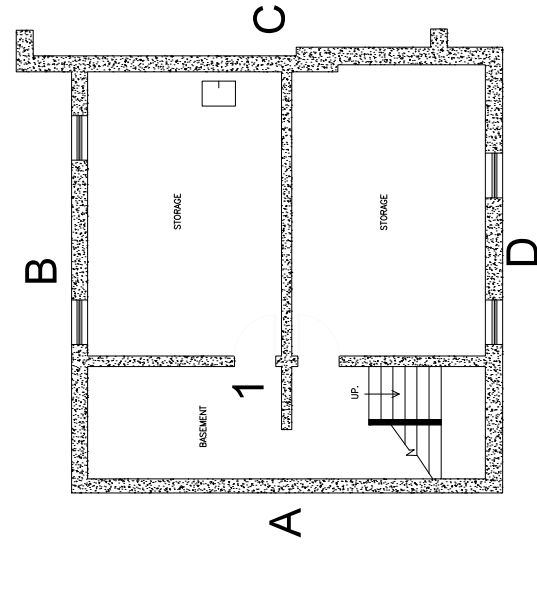
A2 Type A - 2 Bedroom

4 Lower Level - 379 sq ft

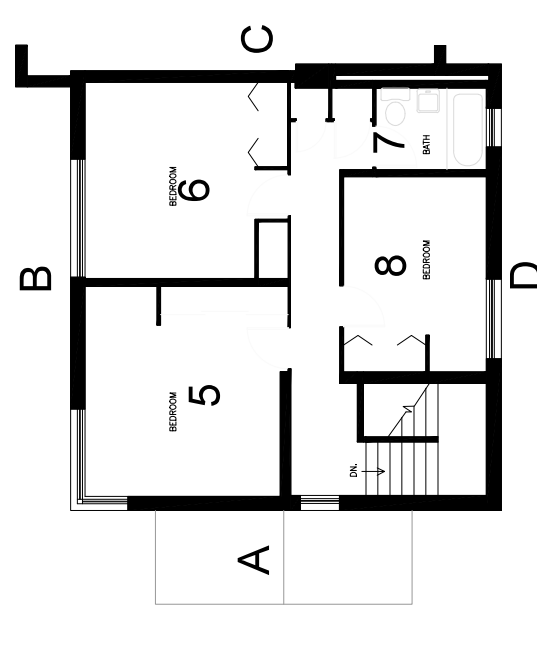


A2 Type A - 2 Bedroom

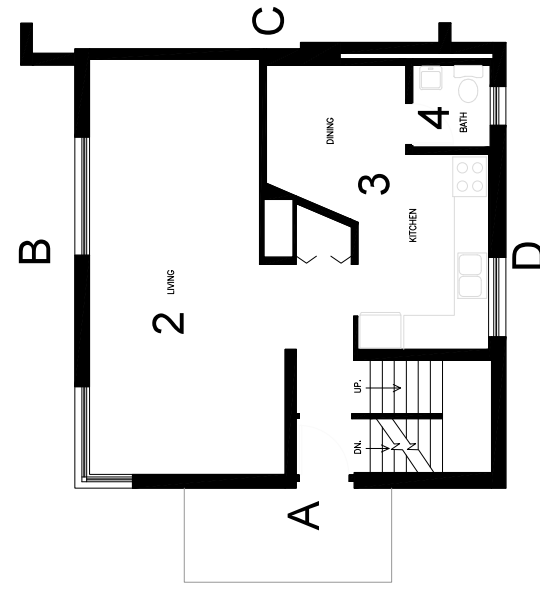
5 Upper Level - 416 sq ft



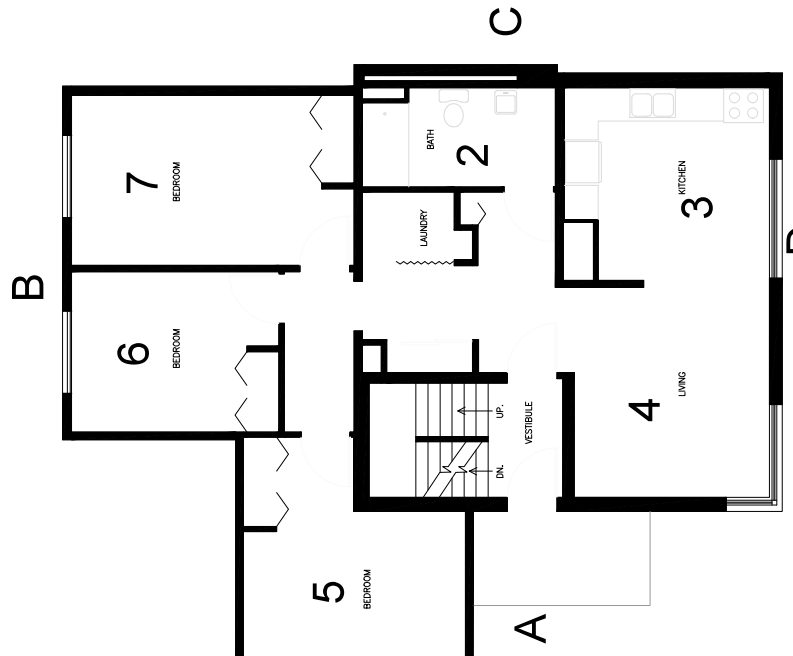
1 Type A - 3 Bedroom
Basement - 598 sq ft



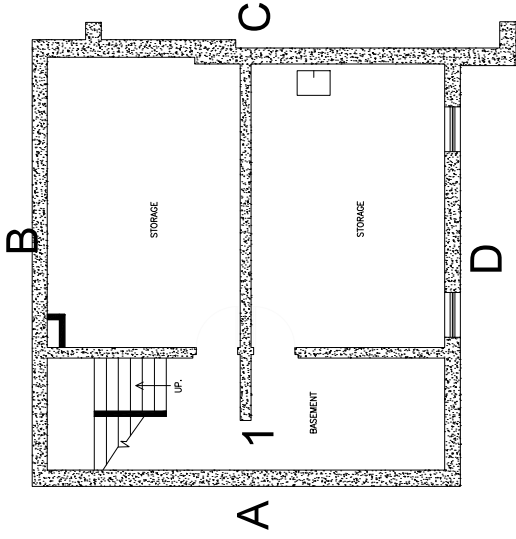
3 Type A - 3 Bedroom
Upper Level - 605 sq ft



2 Type A - 3 Bedroom
Lower Level - 605 sq ft

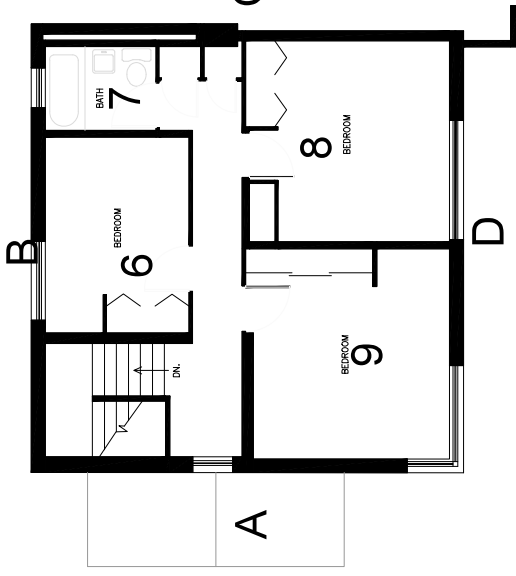


4 Type A - 3 Bedroom (ADA)
Lower Level - 1028 sq ft



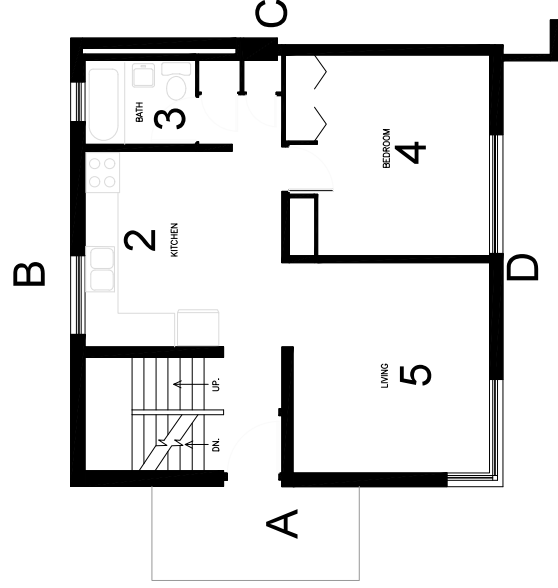
A4 Type A - 4 Bedroom

1 Basement - 598 sq ft



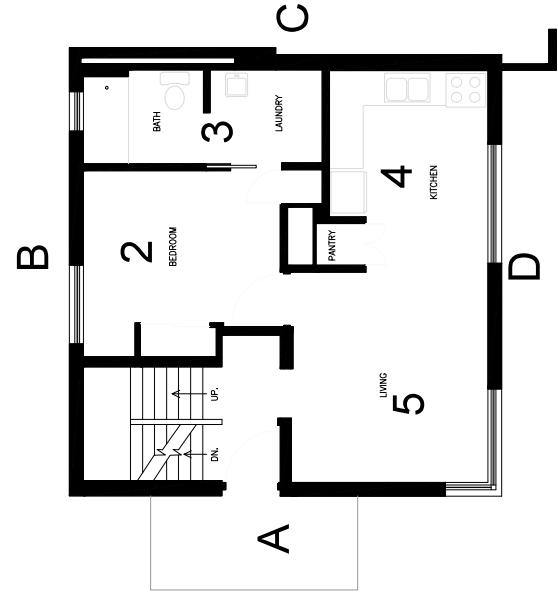
A4 Type A - 4 Bedroom (Standard & ADA)

3 Upper Level - 614 sq ft



A4 Type A - 4 Bedroom

2 Lower Level - 614 sq ft



A4 Type A - 4 Bedroom (ADA)

4 Lower Level - 614 sq ft

M6

PROJECT: MIS
DATE: 3/8/2018
SCALE: 1/8" = 1'-0"

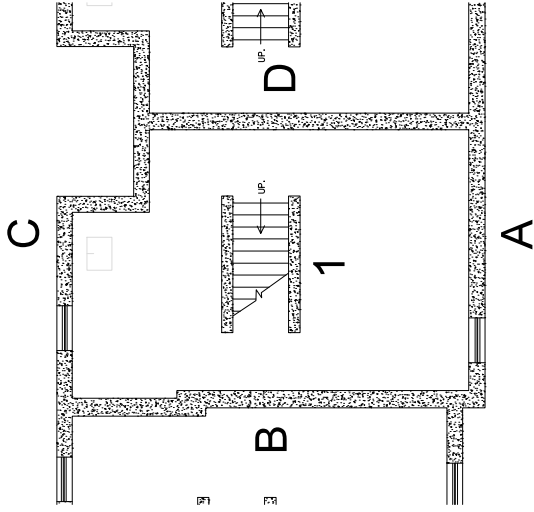


PROJECT: MCDONOUGH HOMES
AMP NO. 1

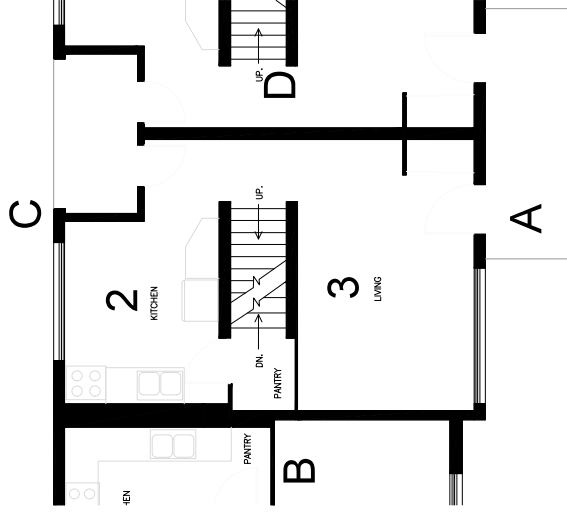
UNIT TYPE A - 4 BED



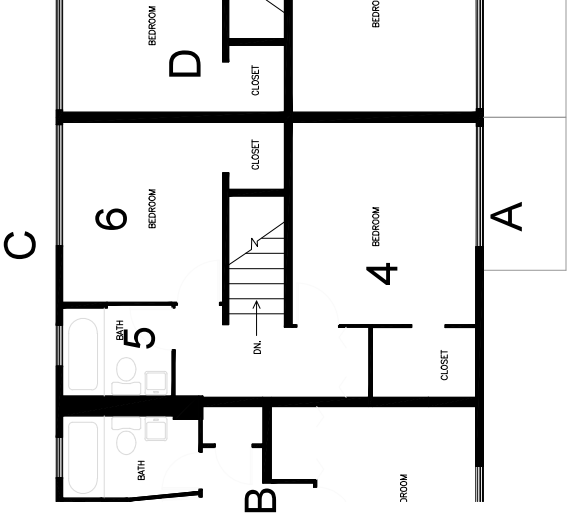
PUBLIC HOUSING AGENCY
CITY OF ST. PAUL
200 EAST WASHINGTON STREET - ST. PAUL, MN 55102



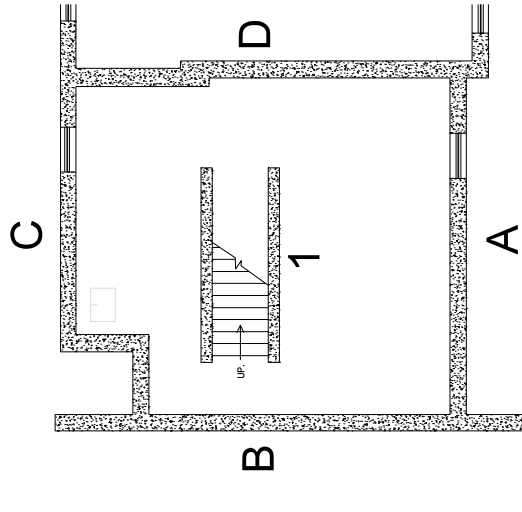
1 Type B - 2 Bedroom (Middle Unit)
Basement - 362 sq ft



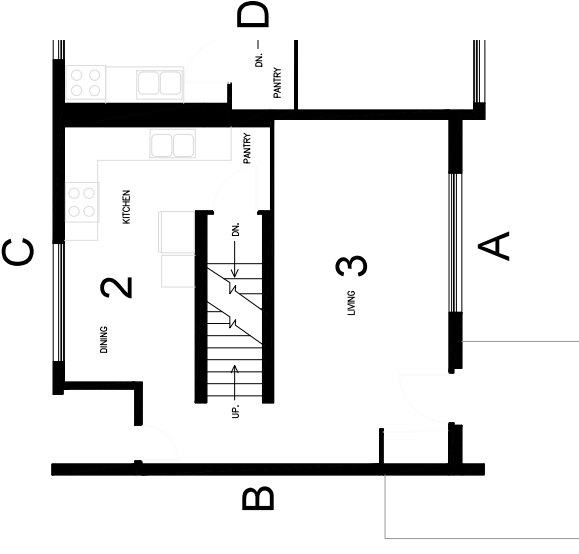
2 Type B - 2 Bedroom (Middle Unit)
Lower Level - 379 sq ft



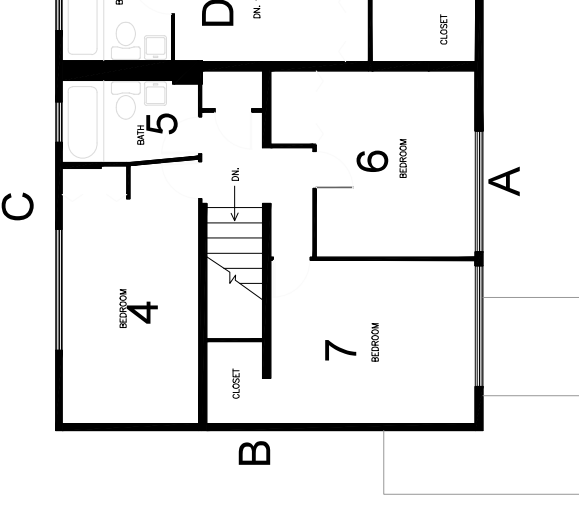
3 Type B - 2 Bedroom (Middle Unit)
Upper Level - 416 sq ft



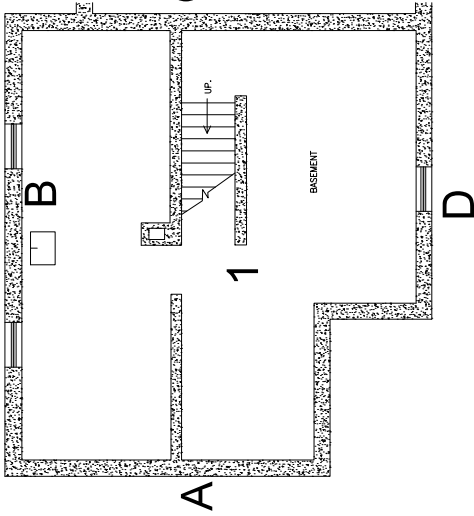
4 Type B - 3 Bedroom (End Unit)
Basement - 435 sq ft



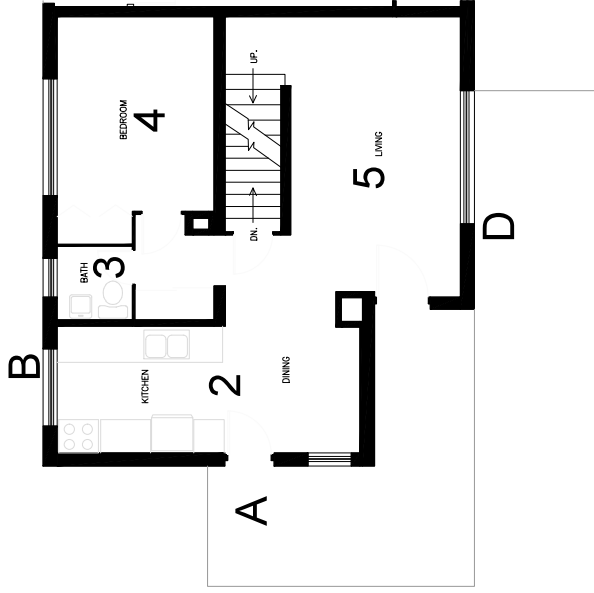
5 Type B - 3 Bedroom (End Unit)
Lower Level - 459 sq ft



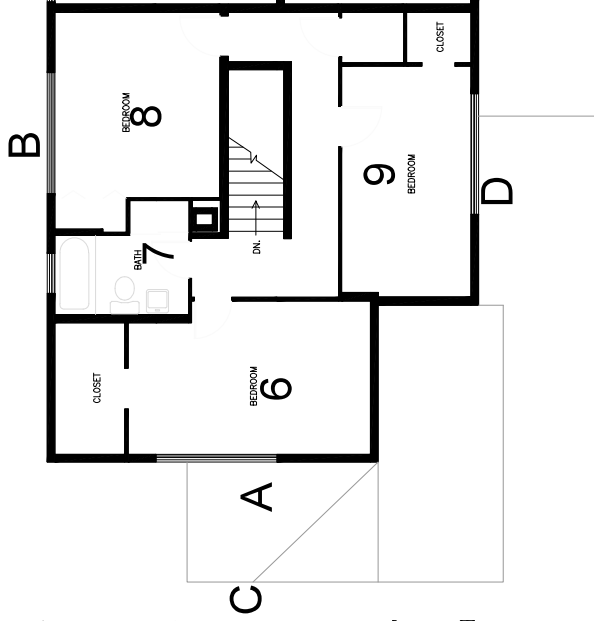
6 Type B - 3 Bedroom (End Unit)
Upper Level - 528 sq ft



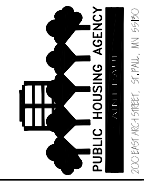
1 Type C - 4 Bedroom (End Unit)
Basement - 563 sq ft



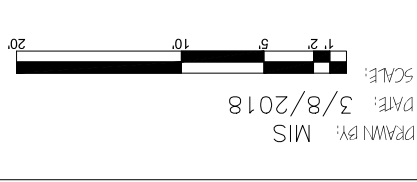
2 Type C - 4 Bedroom (End Unit)
Lower Level - 588 sq ft



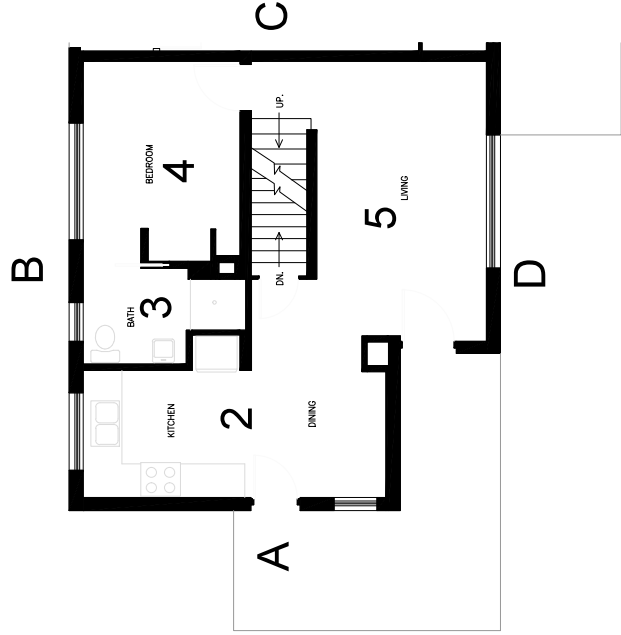
3 Type C - 4 Bedroom (End Unit)
Upper Level - 617 sq ft



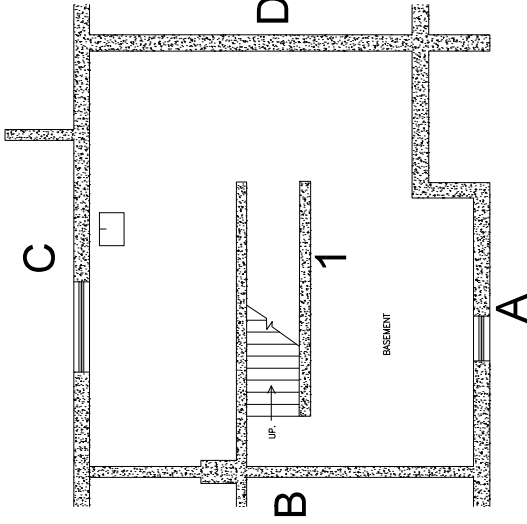
PROJECT NAME: MCDONOUGH HOMES
AMP NO.:
SHEET TITLE: UNIT TYPE C - 4 BED



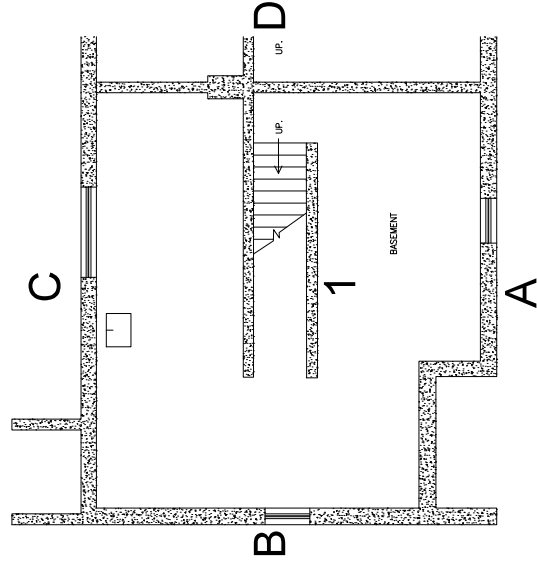
M9



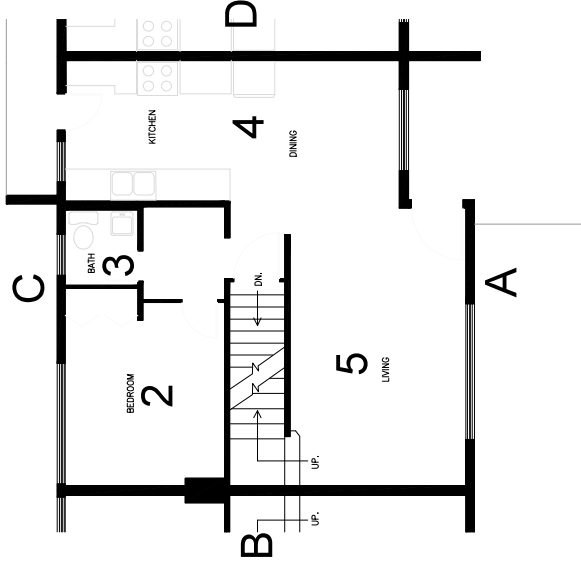
4 Type C - 4 Bedroom (End Unit - ADA)
Lower Level - 617 sq ft



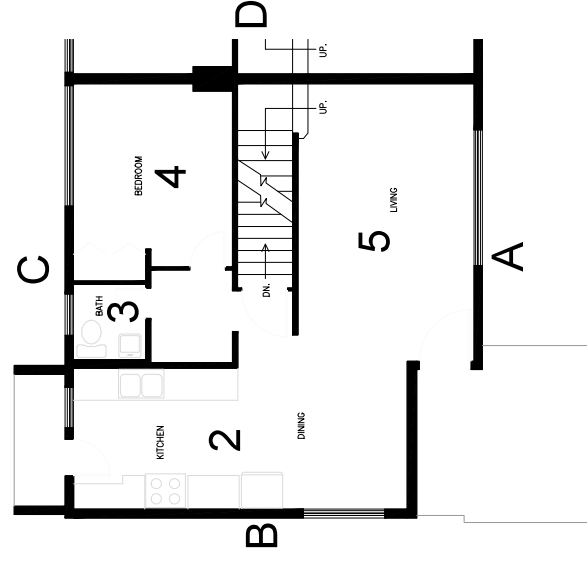
1 Type D - 5 Bedroom (Middle Unit)
Basement - 553 sq ft



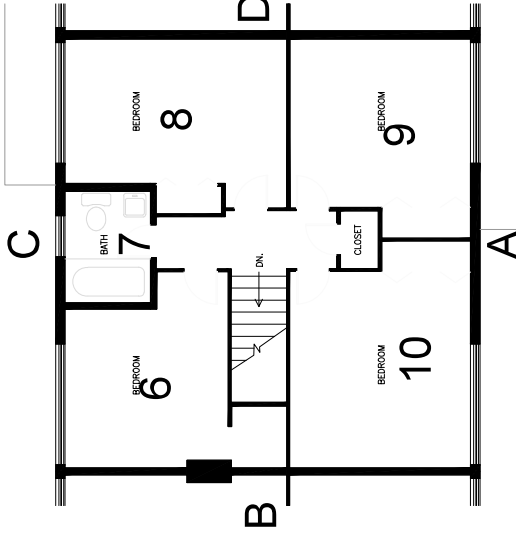
4 Type D - 5 Bedroom (End Unit)
Basement - 553 sq ft



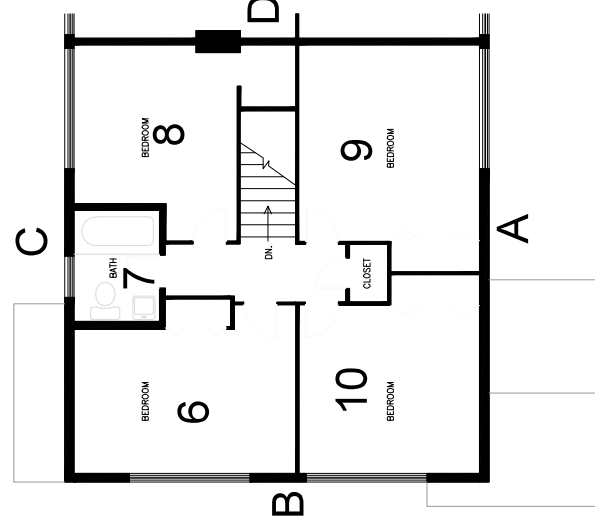
2 Type D - 5 Bedroom (Middle Unit)
Lower Level - 589 sq ft



5 Type D - 5 Bedroom (End Unit)
Lower Level - 589 sq ft



3 Type D - 5 Bedroom (Middle Unit)
Upper Level - 639 sq ft



6 Type D - 5 Bedroom (End Unit)
Upper Level - 639 sq ft



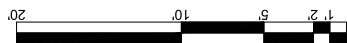
PUBLIC HOUSING AGENCY
300 EAST WASHINGTON STREET, SUITE 101, MILWAUKEE, WI 53202

UNIT TYPE D - 5 BED

PROJECT NAME | MCDONOUGH HOMES

AMP NO.

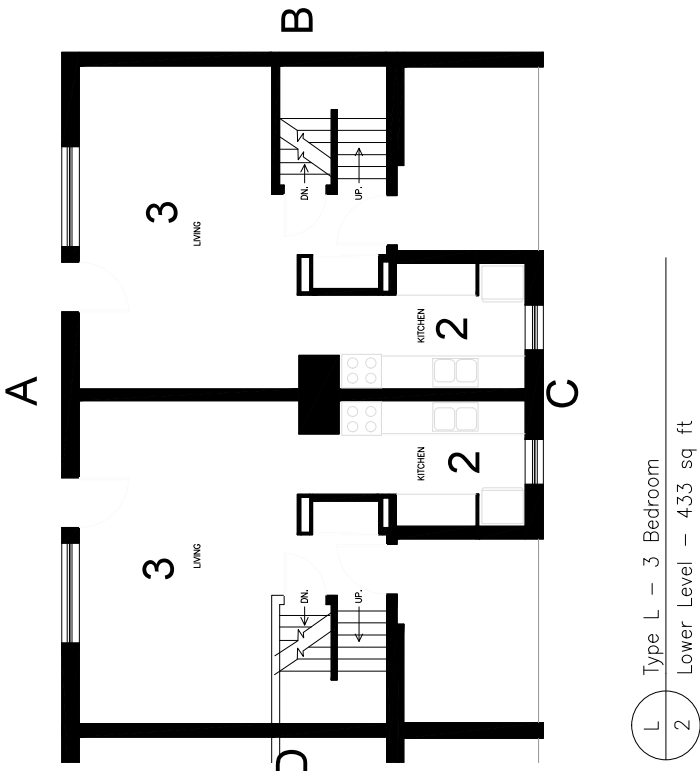
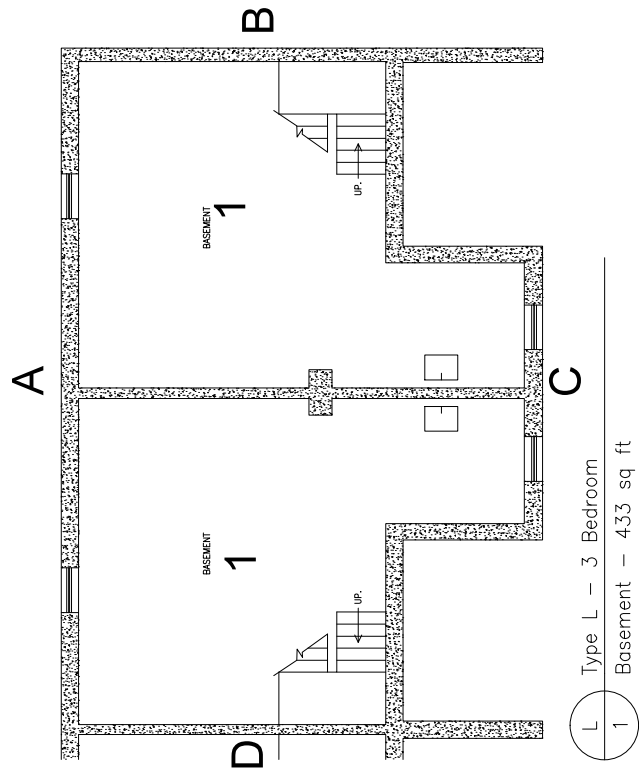
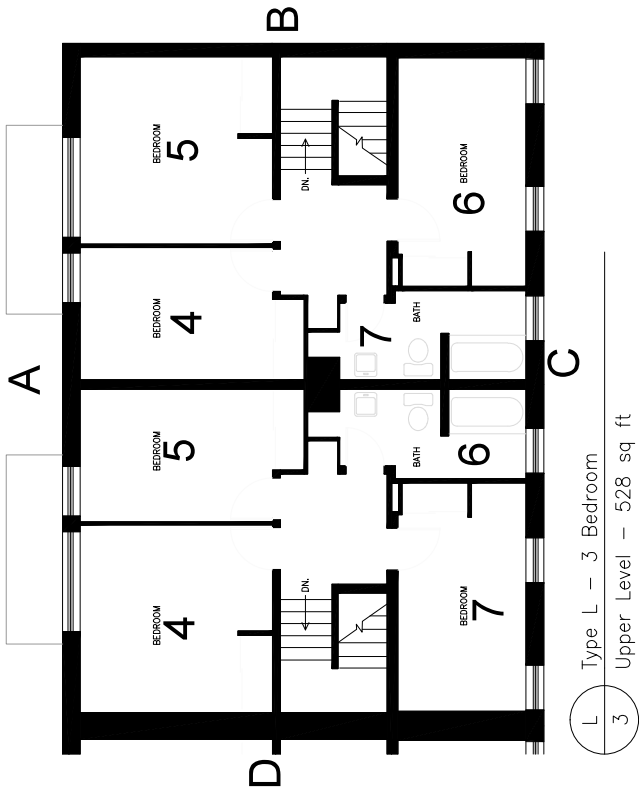
SHEET TITLE

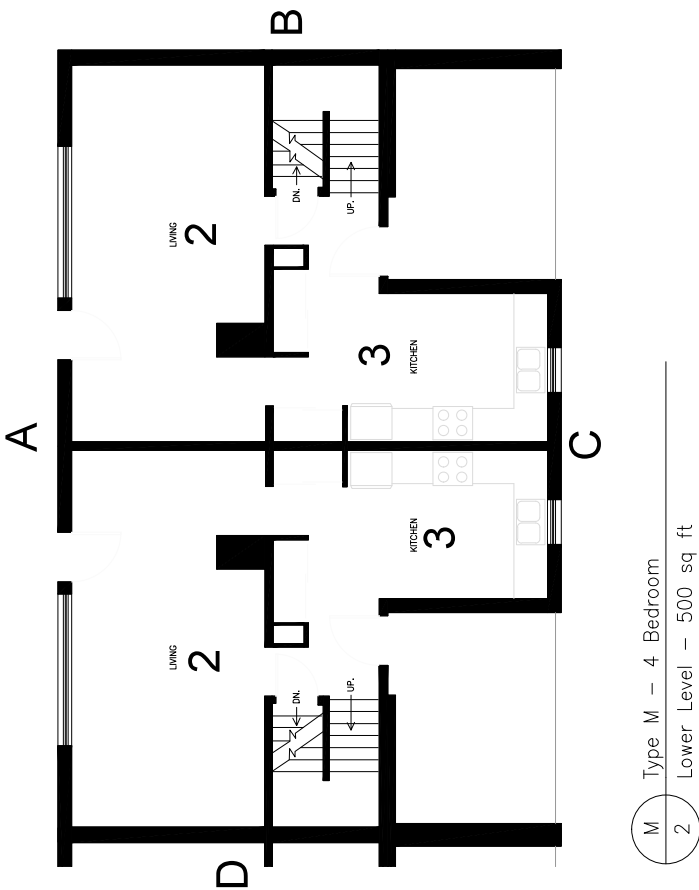
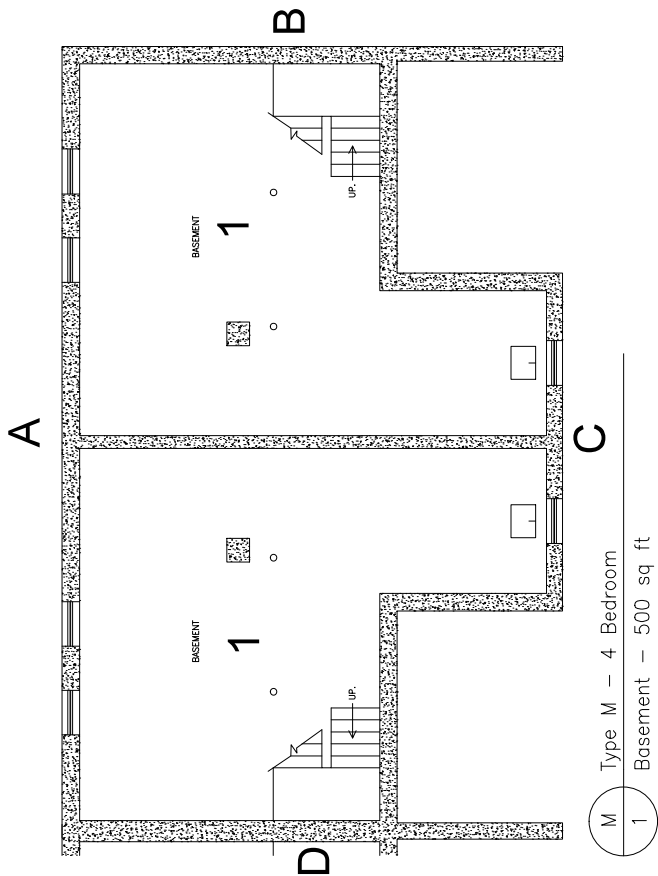
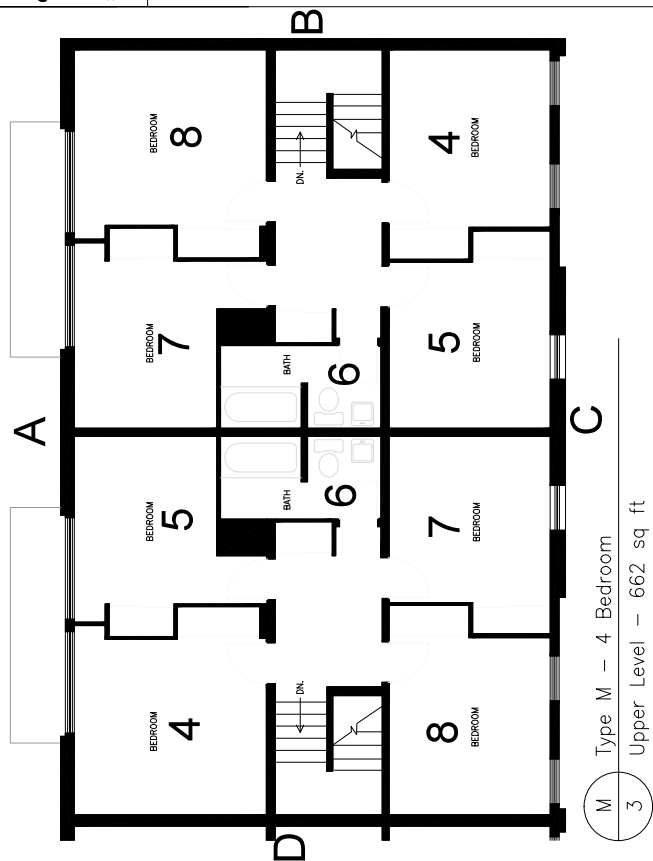


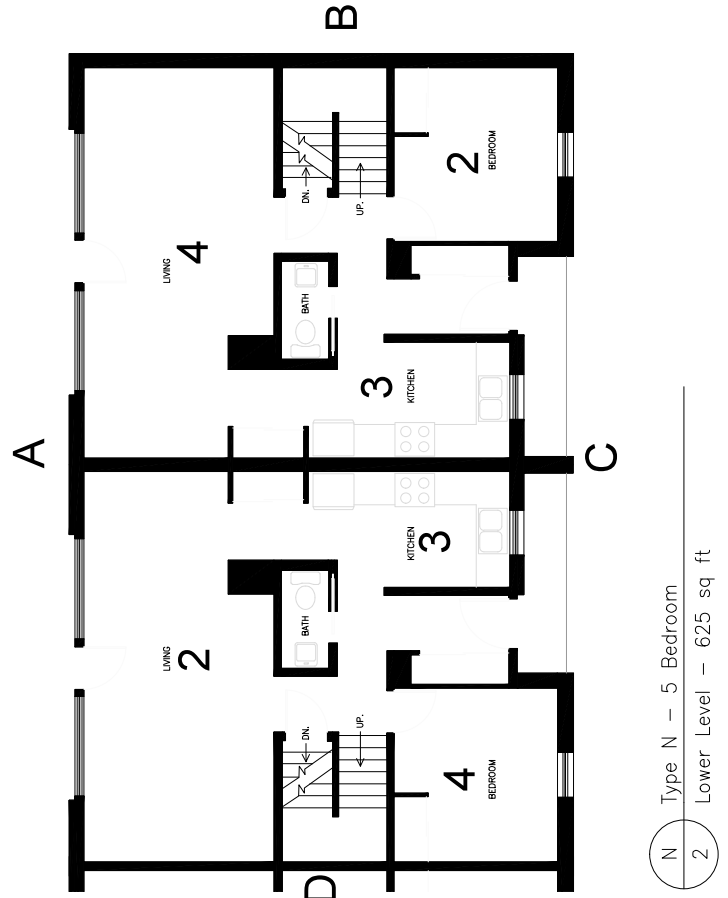
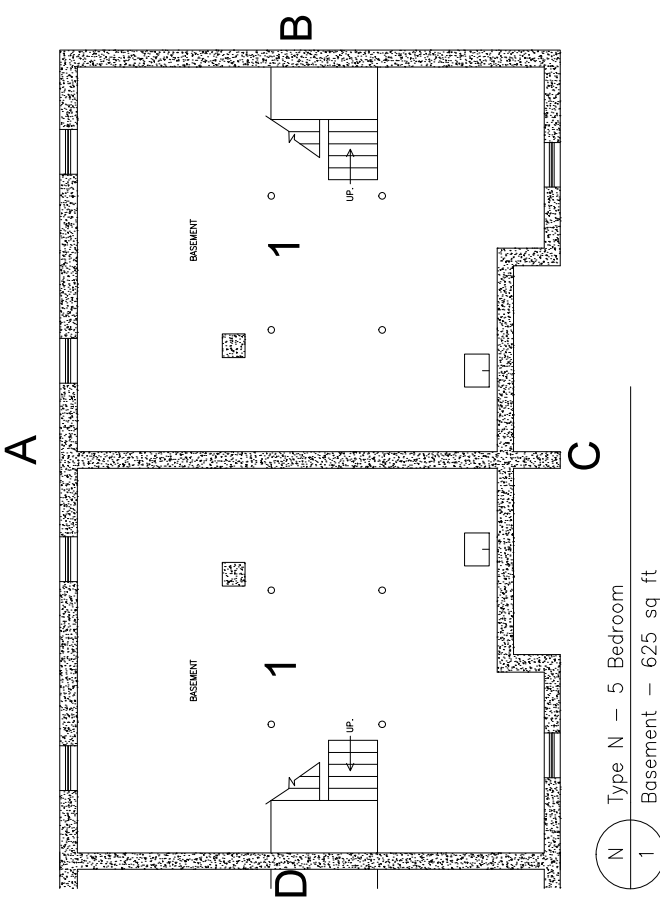
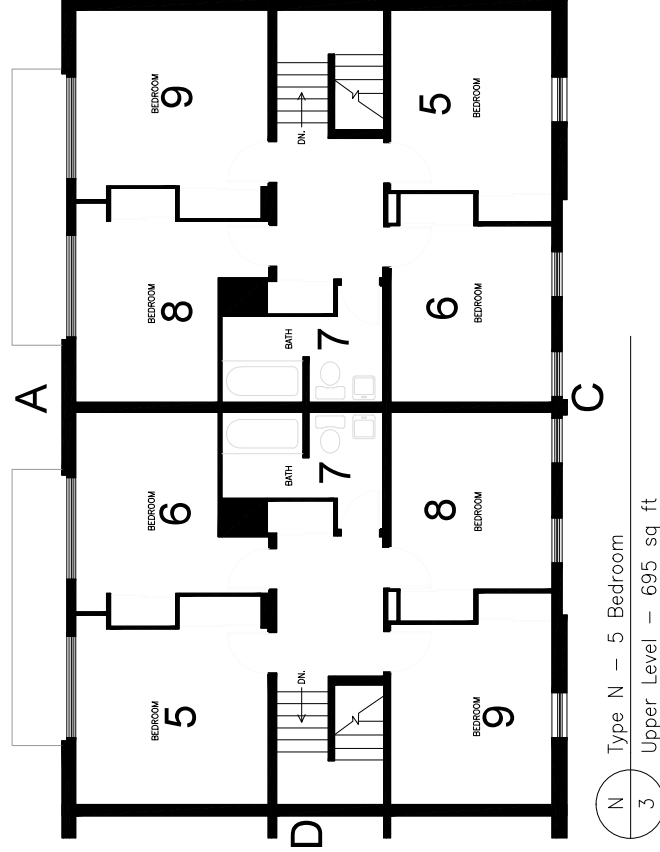
DATE: 3/8/2018
DRAWN BY: MIS

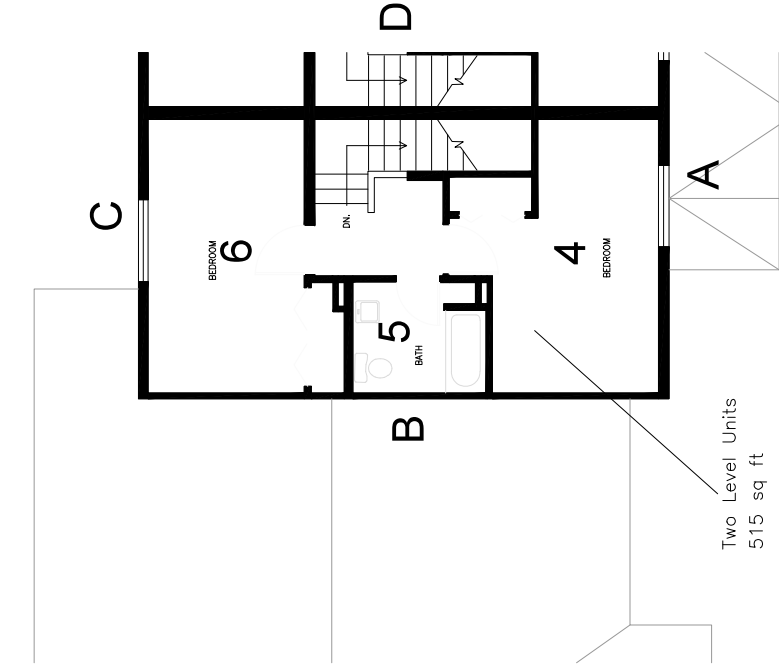
SCALE:

M10

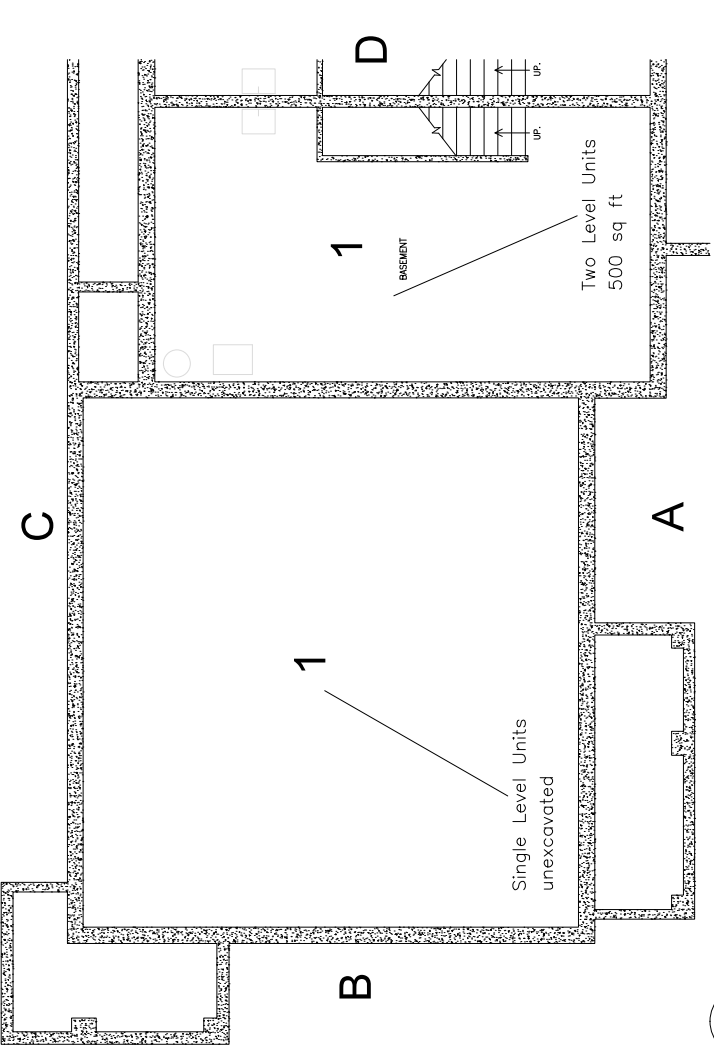
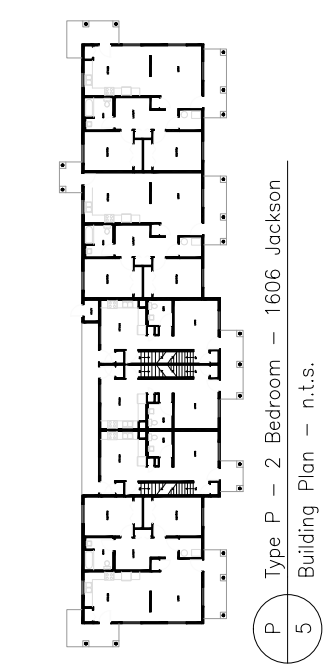
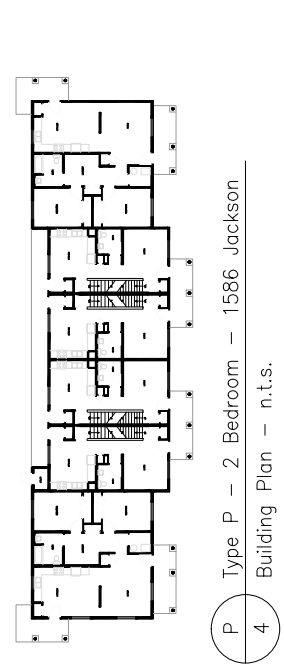




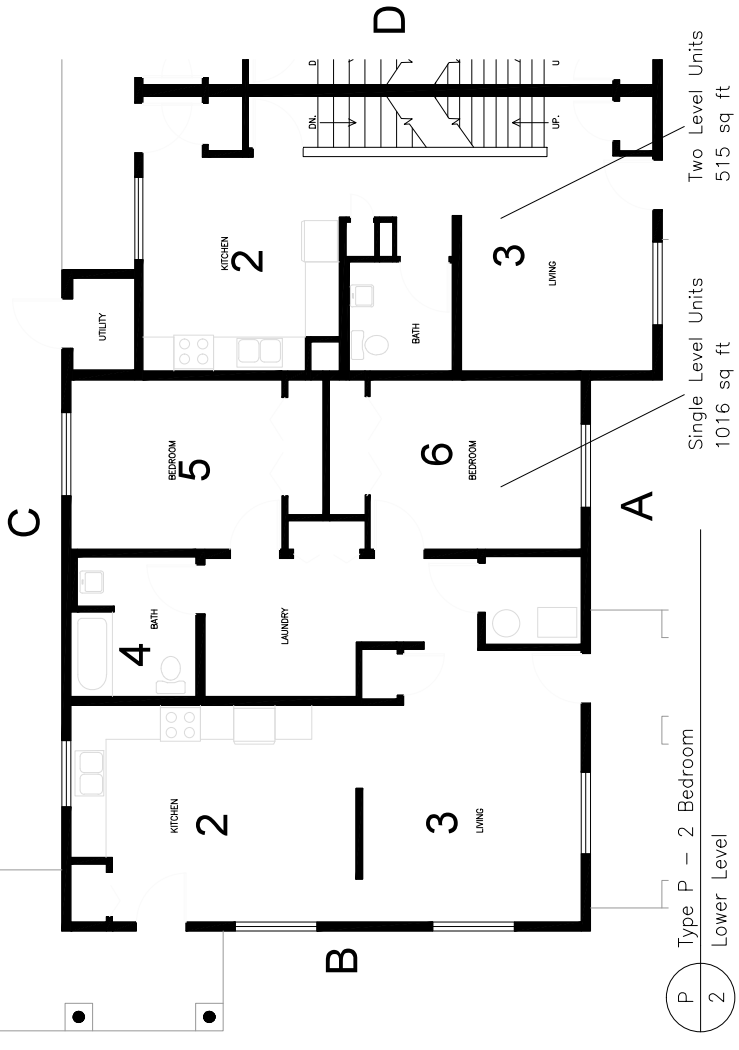




P 3 Type P - 2 Bedroom
 Upper Level



P 1 Type P - 2 Bedroom
 Basement



P 2 Type P - 2 Bedroom
 Lower Level

MD1

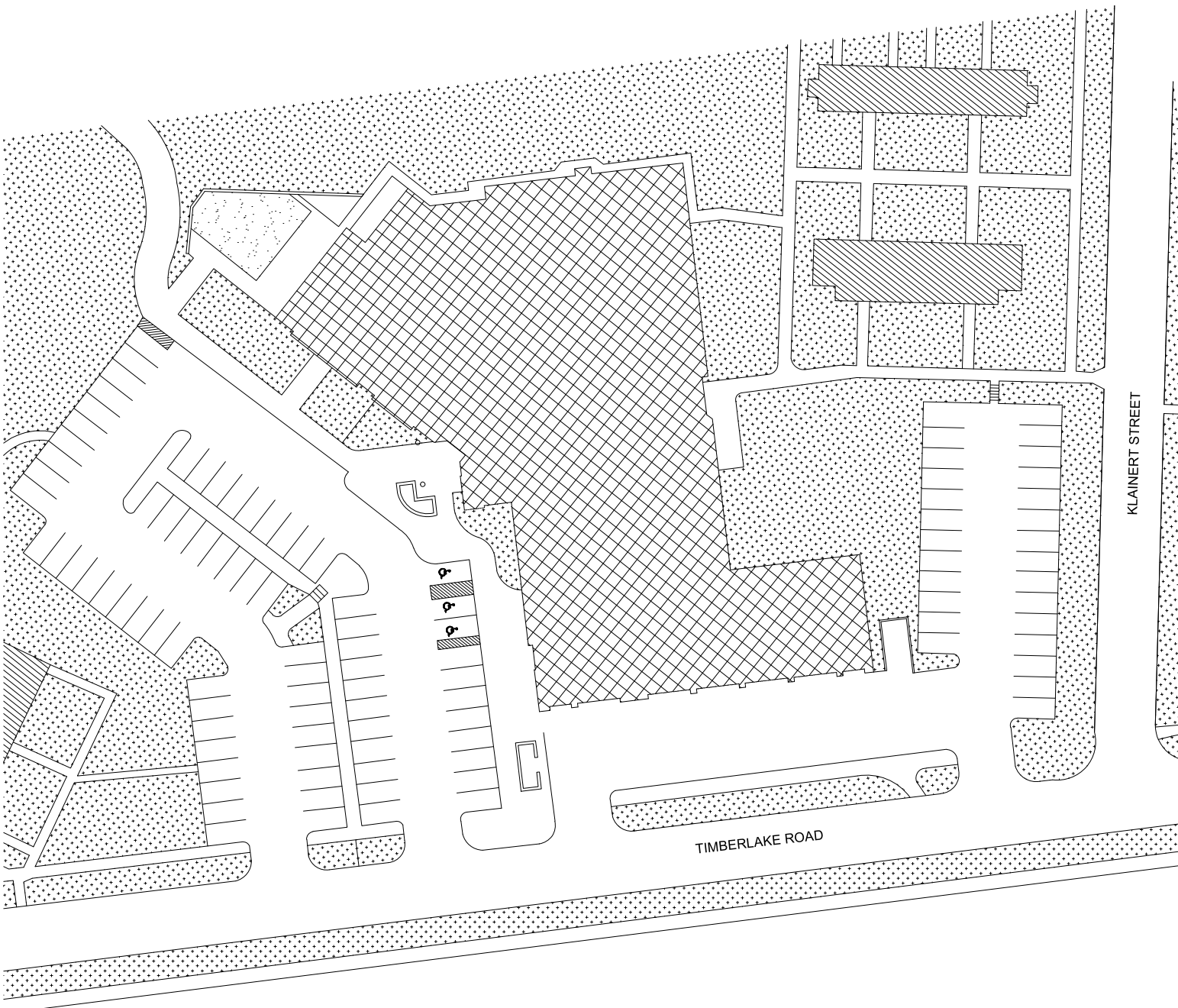
PROJECT TITLE: MIS
DATE: 3/8/2018
SCALE: N.T.S.



PROJECT TITLE: MCDONOUGH COMMUNITY CENTER
AMP NO.:
SHEET TITLE:

SITE PLAN

MCDONOUGH COMMUNITY CENTER



MD2

DATE: 3/8/2018
SCALE: 1/8" = 1'-0"



PROJECT TITLE: MCDONOUGH COMMUNITY CENTER

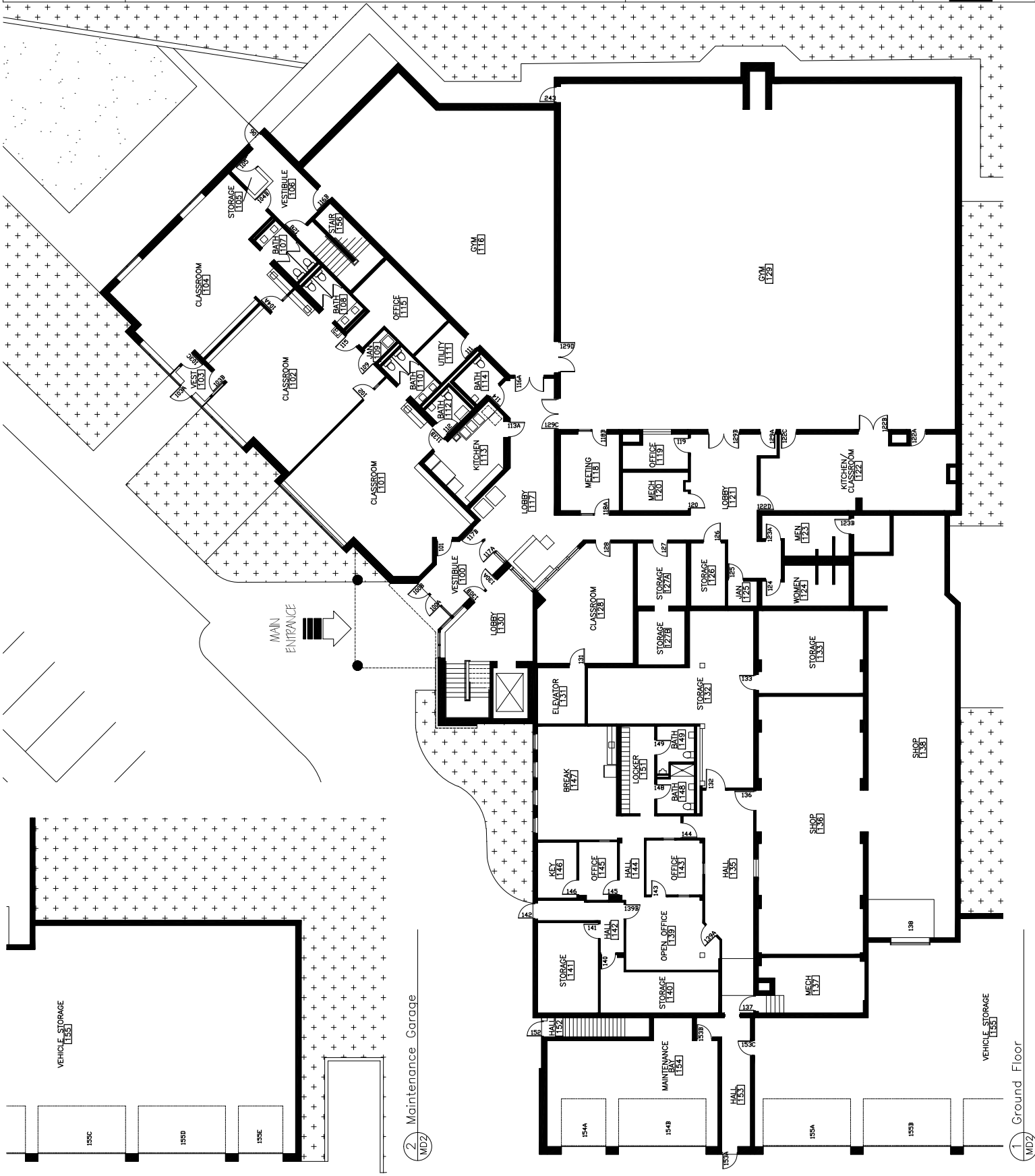
AMP NO.:

SHEET TITLE:

GROUND FLOOR



PUBLIC HOUSING AGENCY
200 PARKWAY, 2ND FLOOR, NEW YORK, NY 10011



2 Maintenance Garage

1 Ground Floor

MD3

DATE: 3/8/2018
SCALE: 1/8" = 1'-0"

PROJECT TITLE: MIS



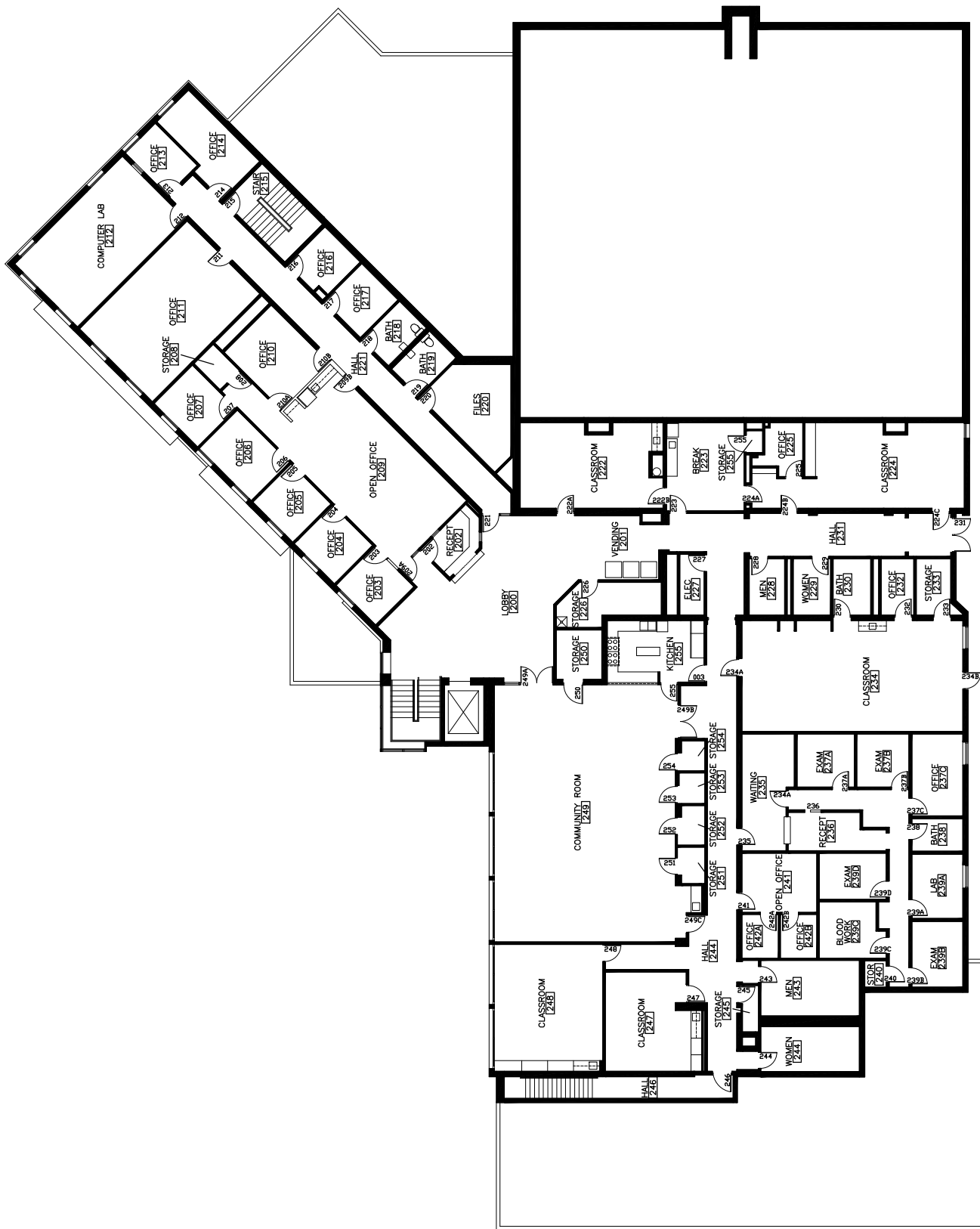
PROJECT TITLE: MCDONOUGH COMMUNITY CENTER

SHEET TITLE: UPPER FLOOR

AMP NO. 1



PUBLIC HOUSING AGENCY
200 PARKWAY DRIVE, SPALDING COUNTY, GA 30134



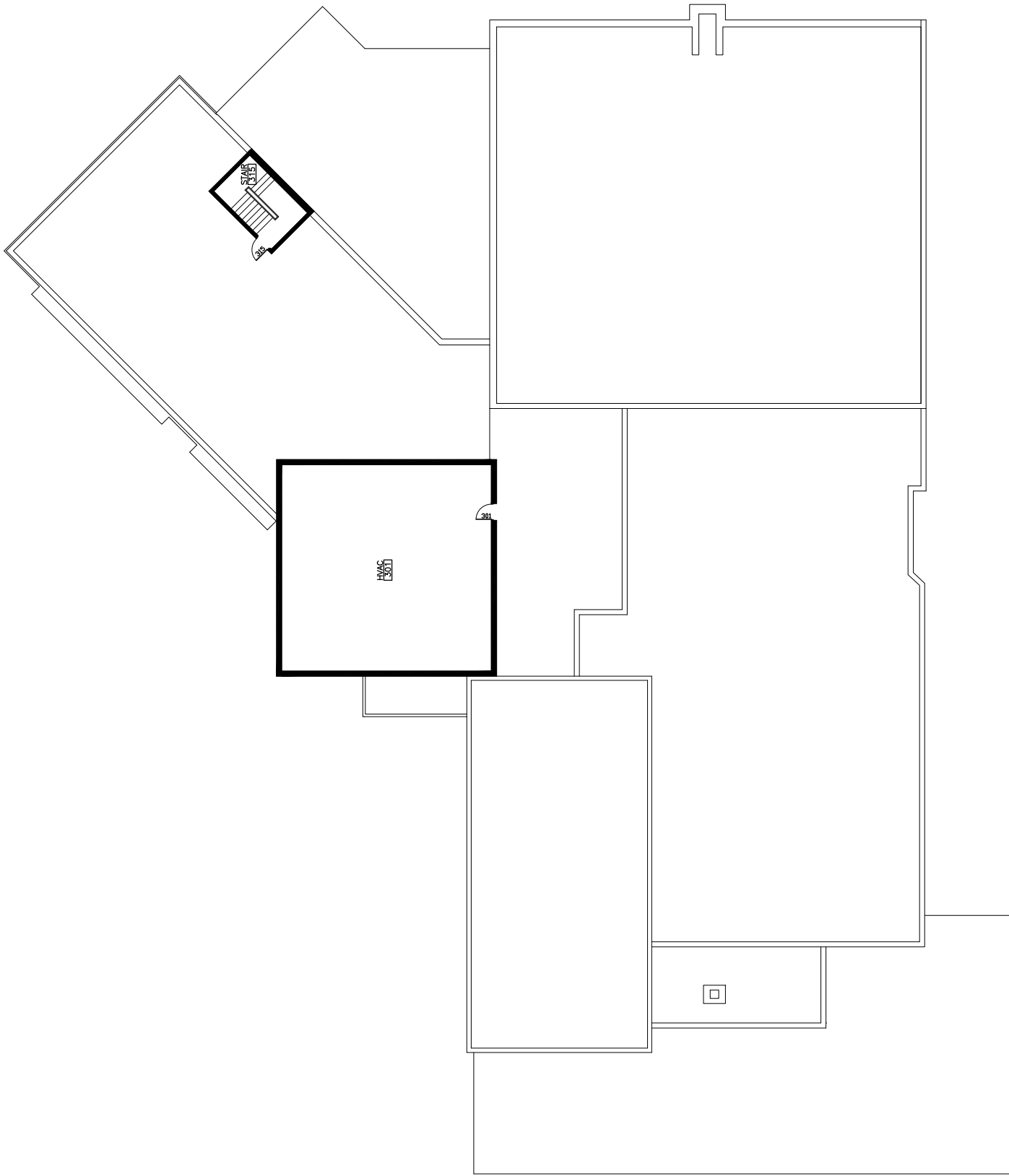
MD4

PRAMBY: MIS
DATE: 3/8/2018
SCALE: 1/8" = 1'-0"



PROJECT TITLE
AMP NO.
SHEET TITLE

MCPOUNGH COMMUNITY CENTER
EQUIPMENT / ROOF



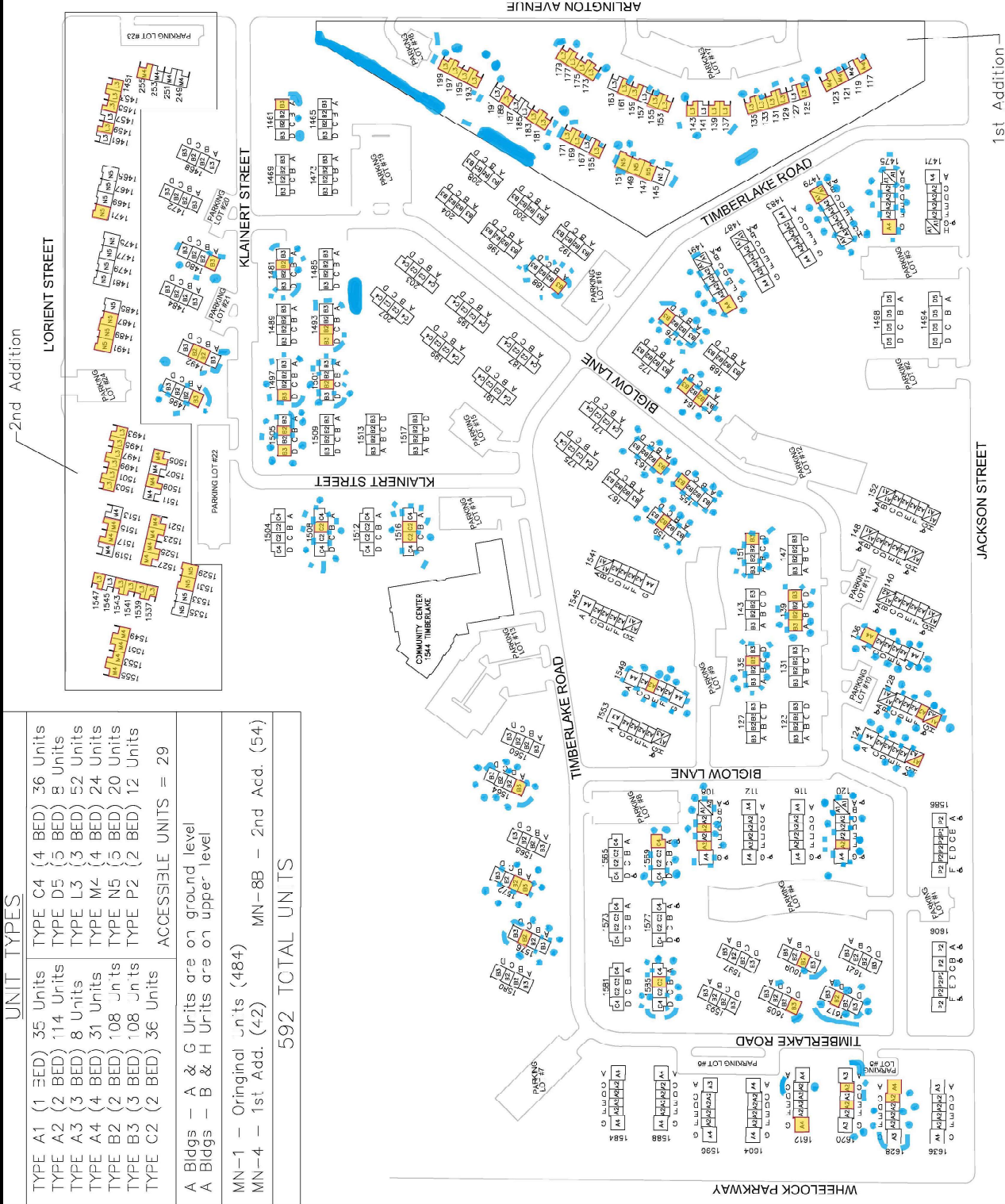
UNIT TYPES

TYPE A1 (1 BED)	35 Units	TYPE C4 (4 BED)	36 Units
TYPE A2 (2 BED)	114 Units	TYPE D5 (5 BED)	8 Units
TYPE A3 (3 BED)	8 Units	TYPE L3 (3 BED)	52 Units
TYPE A4 (4 BED)	31 Units	TYPE M4 (4 BED)	24 Units
TYPE B2 (2 BED)	108 Units	TYPE N5 (5 BED)	20 Units
TYPE B3 (3 BED)	108 Units	TYPE P2 (2 BED)	12 Units
TYPE C2 (2 BED)	36 Units	ACCESSIBLE UNITS =	29

A Bldgs - A & G Units are on ground level
 A Bldgs - B & H Units are on upper level

MN-1 - Original Units (484) MN-8B - 2nd Acc. (54)
 MN-4 - 1st Acc. (42)

592 TOTAL UNITS



Environmental Services
 2915 Waters Road, #112
 Eagan, MN 55121
 (651) 646-8148 Fax (651) 646-8258

McDonough Homes
Mapping of Bare Soil

PSI Project Number:
 06731050-4
 Scale:
 No Scale
 Date: 12/13/2018



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:	McDonough Homes, 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:	MN 1-1 (1952), MN 1-4 (1959), MN 1-8 (1965)

CURRENT OCCUPANCY C-2

Number of apartment units:	MN 1-1 (484), MN 1-4 (42), MN 1-8 (54)
Percent Occupancy:	99%

McDonough Development 1.1



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:	1576 Timberlake Rd #C
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
Owner phone number:	651- 292-6089
Who many levels in the house excluding basements/attics:	1 / 2 / <u>3</u> 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:	2
Total number of children living in or staying at the house:	4

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 Nathan 8	Floor 1 2 <u>3</u> Other:	Kitchen + Living + Bedrooms	Living + Bedroom	Park + yard
2 Lucian 2	Floor 1 / 2 / <u>3</u> Other:	↓	↓	↓
3 Dean 1	Floor 1 / 2 / <u>3</u> Other:	↓	↓	↓
4 Sammy 0	Floor 1 / 2 / <u>3</u> Other:	Living + Bedroom	↓	N/A
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 leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	1609 timberlake Rd #C
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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:	1
Total number of children living in or staying at the house:	2

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 Ayden 7 months	Floor 1 (2) / 3 Other:	Bedroom	Bedroom	None
2 Jayden 7 months	Floor 1 (2) / 3 Other:	Bedroom	Bedroom	None
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?		2 Second Bedroom		

Building Use Patterns (circle all that apply)	
Most frequent entry/exit from:	Front / <u>Back</u> / Side / Other:
Most frequently opened windows:	Living Room / Kitchen / <u>Bathroom</u> 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 / <u>NO</u> If yes where?
Planned landscaping that will remove grass or ground cover?	YES / <u>NO</u> If yes where?
How often is the household cleaned?	Daily / <u>Weekly</u> / Monthly Other:
What cleaning methods are used?	<u>Sweep</u> / <u>Mop</u> / Dust / Vacuum Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / <u>NO</u>
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other:

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	1505 Klainet St Unit B
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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? If yes what and when?	YES / NO / Don't know
Is there a garage on the property?	YES / <input checked="" type="radio"/> NO
Are there additional buildings Structures: (Shed, guest house) If yes what is the structure?	YES / <input checked="" type="radio"/> NO

Current Occupancy

Total number of adults living in the house:	1
Total number of children living in or staying at the house:	1

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 13	Floor 1 / <input checked="" type="radio"/> 2 / 3 Other:	KIT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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?



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:	1492-B Klainer St
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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 / <u>NO</u>
Are there additional buildings Structures: (Shed, guest house)	YES / <u>NO</u> If yes what is the structure?

Current Occupancy

Total number of adults living in the house:	1
Total number of children living in or staying at the house:	1

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 Kun Htoo	Floor 1 <u>2</u> /3 Other:	Kitchen - Living room - Bedroom	Kitchen Living room - Bedroom	outside the house
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? bed room



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:	135 Biglow Lane C
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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:	2
Total number of children living in or staying at the house:	2

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 Eaindra Myae 5 years	Floor 1 / (2) / 3 Other:	dining R.	living R.	front of building
2 Muchra Let 1 1/2	Floor 1 / (2) / 3 Other:	n	n	n
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 leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	139 Biglow Ln, Apt. B
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
Owner phone number:	651- 292-6089
Who many levels in the house excluding basements/attics:	1 <input checked="" type="radio"/> / 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 / <input checked="" type="radio"/> NO
Are there additional buildings Structures: (Shed, guest house)	YES / <input checked="" type="radio"/> NO If yes what is the structure?

Current Occupancy

Total number of adults living in the house:	1
Total number of children living in or staying at the house:	1

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 Malia 11yrs.	Floor 1 / <input checked="" type="radio"/> / 3 Other:	Kitchen	Bedroom	Front
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?		Bedroom		

Building Use Patterns (circle all that apply)	
Most frequent entry/exit from:	<input checked="" type="checkbox"/> Front / Back / Side / Other:
Most frequently opened windows:	Living Room / <input checked="" type="checkbox"/> 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 / <input checked="" type="checkbox"/> NO If yes where?
Planned landscaping that will remove grass or ground cover?	YES / <input checked="" type="checkbox"/> NO If yes where?
How often is the household cleaned?	Daily / <input checked="" type="checkbox"/> Weekly / Monthly Other:
What cleaning methods are used?	<input checked="" type="checkbox"/> Sweep / <input checked="" type="checkbox"/> Mop / <input checked="" type="checkbox"/> Dust / Vacuum Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / <input checked="" type="checkbox"/> NO
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other:

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you



McDonough Development 1.4



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:	133 Arlington Ave East
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
Owner phone number	651- 292-6089
Who many levels in the house excluding basements/attics:	1 <input checked="" type="checkbox"/> 2 / 3 Other:
Single or Multi-family:	Multi-Family
Construction type:	Wood / Concrete / Stone / Brick
Original year built:	<input checked="" type="checkbox"/> Don't know
Have there been any additions or renovations to the Property? If yes what and when?	YES / NO <input checked="" type="checkbox"/> Don't know
Is there a garage on the property?	YES / <input checked="" type="checkbox"/> NO
Are there additional buildings Structures: (Shed, guest house) If yes what is the structure?	YES / <input checked="" type="checkbox"/> NO

Current Occupancy

Total number of adults living in the house:	2
Total number of children living in or staying at the house:	1

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 Anyce 7	Floor 1 <input checked="" type="checkbox"/> 2 / 3 Other:	main + 2	main + 2	
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? bedroom + closet in balc / basement

Building Use Patterns (circle all that apply)	
Most frequent entry/exit from:	<input checked="" type="checkbox"/> Front / Back / Side / Other:
Most frequently opened windows:	<input checked="" type="checkbox"/> Living Room / <input checked="" type="checkbox"/> Kitchen / <input checked="" type="checkbox"/> Bathroom Bedrooms (which ones): <input checked="" type="checkbox"/> front + <input checked="" type="checkbox"/> back Other :
Locations of window-mounted air conditioners, if any:	Living Room / Kitchen / Bathroom Bedrooms (which ones): <input checked="" type="checkbox"/> Back bedroom Other :
Do any household members garden?	YES / <input checked="" type="checkbox"/> NO
If yes where?	
Planned landscaping that will remove grass or ground cover?	YES / <input checked="" type="checkbox"/> NO
If yes where?	
How often is the household cleaned?	<input checked="" type="checkbox"/> Daily / Weekly / Monthly Other:
What cleaning methods are used?	<input checked="" type="checkbox"/> Sweep / <input checked="" type="checkbox"/> Mop / Dust / <input checked="" type="checkbox"/> Vacuum Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / <input checked="" type="checkbox"/> NO
If yes to above, where are dirty work clothes placed and cleaned?	<input checked="" type="checkbox"/> Laundry / <input checked="" type="checkbox"/> Bedroom / Other: <input checked="" type="checkbox"/> Hall

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	159 Arlington Ave East
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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 / <u>Brick</u>
Original year built:	/Don't know
Have there been any additions or renovations to the Property?	YES / NO / <u>Don't know</u> If yes what and when?
Is there a garage on the property?	YES / <u>NO</u>
Are there additional buildings Structures: (Shed, guest house)	YES / <u>NO</u> If yes what is the structure?

Current Occupancy

Total number of adults living in the house:	2
Total number of children living in or staying at the house:	3 on weekdays 4 on weekends

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 Karissa Nelsen Age: 8	Floor 1 / 2 / <u>3</u> Other:	At table At table	Bedroom	
(Joe) Nelsen 2 Age: 3	Floor 1 / 2 / <u>3</u> Other:	At table	living room	
MALIK Nelsen 3 Age: 2	Floor 1 / 2 / <u>3</u> Other:	At table	living room	
4 Maya Nelsen Age: 1	Floor 1 / 2 / <u>3</u> Other:	At table	living room	
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:	<u>Front</u> / Back / Side / Other:
Most frequently opened windows:	<u>Living Room</u> / Kitchen / Bathroom Bedrooms (which ones): Other :
Locations of window-mounted air conditioners, if any:	Living Room / Kitchen / Bathroom Bedrooms (which ones): <u>N/A</u> 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?	<u>Daily</u> / Weekly / Monthly Other:
What cleaning methods are used?	<u>Sweep</u> / <u>Mop</u> / <u>Dust</u> / <u>Vacuum</u> Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / <u>NO</u>
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other:

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	153 Arlington Ave E.
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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:	1
Total number of children living in or staying at the house:	3

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 Dwan Long 15yrs	Floor 1 / 2 / 3 Other:	Living Room Kitchen	Rooms Living Room	Play Ground
2 Nasha Rice 10months	Floor 1 / 2 / 3 Other:	Living Room Kitchen	Rooms Living Room	Play Ground
3 Shanya Rice 2yrs	Floor 1 / 2 / 3 Other:	Living Room Kitchen	Rooms Living Room	Play Ground
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 : <i>Main</i>
Do any household members garden?	YES / NO
Planned landscaping that will remove grass or ground cover?	If yes where? YES / NO
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 leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	199 Arlington Ave E
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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? If yes what and when?	YES / NO / Don't know
Is there a garage on the property?	YES / NO
Are there additional buildings Structures: (Shed, guest house) If yes what is the structure?	YES / NO

Current Occupancy

Total number of adults living in the house:	2
Total number of children living in or staying at the house:	0

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): 2nd floor on right 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 leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	117 Burlington Ave E St. Paul MN. 55117
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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? If yes what and when?	YES / NO / Don't know
Is there a garage on the property?	YES / NO
Are there additional buildings Structures: (Shed, guest house) If yes what is the structure?	YES / NO

Current Occupancy

Total number of adults living in the house:	2
Total number of children living in or staying at the house:	2

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 leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	179 Arlington Ave E, St Paul, MN 55117
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
Owner phone number:	651- 292-6089
Who many levels in the house excluding basements/attics:	1/2/3 Other: Basement / main / upstairs 1 2 3
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? If yes what and when?	YES / NO / Don't know
Is there a garage on the property?	YES / NO
Are there additional buildings Structures: (Shed, guest house) If yes what is the structure?	YES / NO

Current Occupancy

Total number of adults living in the house:	2
Total number of children living in or staying at the house:	3

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 Ba Htoo 6	Floor 1/2/3 Other:	2 - main floor 3 - upstairs	2 + 3	
2 Breeze Htoo 4	Floor 1/2/3 Other:	2 - main floor 3 - upstairs	2 + 3	
3 Honey Sahtoo 2	Floor 1/2/3 Other:	2 - main floor 3 - upstairs	2 + 3	
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:	<input checked="" type="checkbox"/> Front / Back / Side / Other:
Most frequently opened windows:	Living Room / Kitchen / Bathroom Bedrooms (which ones): Other :
Locations of window-mounted air conditioners, if any:	<input checked="" type="checkbox"/> Living Room / <input checked="" type="checkbox"/> Kitchen / Bathroom Bedrooms (which ones): Other :
Do any household members garden?	YES / <input checked="" type="checkbox"/> NO If yes where?
Planned landscaping that will remove grass or ground cover?	YES / <input checked="" type="checkbox"/> NO If yes where?
How often is the household cleaned?	Daily / <input checked="" type="checkbox"/> Weekly / Monthly Other:
What cleaning methods are used?	<input checked="" type="checkbox"/> Sweep / <input checked="" type="checkbox"/> Mop / <input checked="" type="checkbox"/> Dust / Vacuum Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / <input checked="" type="checkbox"/> NO
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other:

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you



McDonough Development 1.8



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:	1555 L'Orreant
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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:	2
Total number of children living in or staying at the house:	2

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 Tee 15	Floor 1 / 2 / 3 Other:	Living room	basement	Court/Field
2 Hook 13	Floor 1 / 2 / 3 Other:	Living room	bedroom	field
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:	<u>Front</u> / Back / Side / Other:
Most frequently opened windows:	Living Room / <u>Kitchen</u> / 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?	If yes where? <u>YES</u> / NO <i>front</i>
Planned landscaping that will remove grass or ground cover?	If yes where? YES / <u>NO</u>
How often is the household cleaned?	<u>Daily</u> / Weekly / Monthly Other:
What cleaning methods are used?	Sweep / <u>Mop</u> / Dust / Vacuum Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	<i>Plumber</i> <u>YES</u> / NO
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / <u>Bedroom</u> / Other:

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	1547 L'orient st saint paul MN 55117
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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? If yes what and when?	YES / NO / Don't know
Is there a garage on the property?	YES / NO
Are there additional buildings Structures: (Shed, guest house) If yes what is the structure?	YES / NO

Current Occupancy

Total number of adults living in the house:	1
Total number of children living in or staying at the house:	2

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 Eh Paw Hhit 17	Floor 1 / 2 (3) Other:	Table	living room	port door / back door
2 David moo 9	Floor 1 / 2 (3) Other:	Table	living room	port door / back door.
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 / <u>Back</u> / Side / Other:
Most frequently opened windows:	<u>Living Room</u> / 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 / <u>NO</u> If yes where?
Planned landscaping that will remove grass or ground cover?	YES / <u>NO</u> If yes where?
How often is the household cleaned?	Daily / <u>Weekly</u> / Monthly Other:
What cleaning methods are used?	<u>Sweep</u> / <u>Mop</u> / <u>Dust</u> / 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 leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	1501 Lorient St. Saint Paul, MN 55117
Current property owner:	PHA of St. Paul
Owner current address:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
Owner phone number:	651- 292-6089
Who many levels in the house excluding basements/attics:	1 / <u>2</u> / 3 Other:
Single or Multi-family:	Multi-Family
Construction type:	<u>Wood</u> / Concrete / Stone / Brick
Original year built:	/Don't know
Have there been any additions or renovations to the Property? If yes what and when?	YES / NO / <u>Don't know</u>
Is there a garage on the property?	YES / <u>NO</u>
Are there additional buildings Structures: (Shed, guest house) If yes what is the structure?	YES / <u>NO</u>

Current Occupancy

Total number of adults living in the house:	4 2
Total number of children living in or staying at the house:	2

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 May Tamla Wah	Floor 1 / <u>2</u> / 3 Other:	Dinning room	No	No
2 Say Moo Paw	Floor 1 / <u>2</u> / 3 Other:	Dinning room	No	No
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 Bakery
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other: Tashcom

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you



Unspecified Addresses



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:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
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:	4
Total number of children living in or staying at the house:	6

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:	1st floor	living Room	Back yard
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?		Closet		

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): <i>Master Bed Room</i> Other :
Do any household members garden?	<input checked="" type="radio"/> YES / <input type="radio"/> NO
If yes where?	
Planned landscaping that will remove grass or ground cover?	YES / <input checked="" type="radio"/> NO
If yes where?	
How often is the household cleaned?	Daily / <input checked="" type="radio"/> Weekly / Monthly Other:
What cleaning methods are used?	<input checked="" type="radio"/> Sweep / <input checked="" type="radio"/> Mop / <input checked="" type="radio"/> Dust / <input checked="" type="radio"/> Vacuum Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / <input checked="" type="radio"/> NO
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other:

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

Thank you





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:	555 WABASHA ST N #400, SAINT PAUL, MN 55102
Owner phone number	651- 292-6089
Who many levels in the house excluding basements/attics:	1 / <u>2</u> / 3 Other:
Single or Multi-family:	Multi-Family
Construction type:	Wood / <u>Concrete</u> / Stone / Brick
Original year built:	/ Don't know
Have there been any additions or renovations to the Property?	<u>YES</u> / NO / Don't know If yes what and when?
Is there a garage on the property?	YES / <u>NO</u>
Are there additional buildings Structures: (Shed, guest house)	YES / <u>NO</u> 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 Ash Nyelett (5)	Floor 1 / <u>2</u> / 3 Other:	yes	Basement	NO.
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 / <u>Back</u> / Side / Other:
Most frequently opened windows:	Living Room / <u>Kitchen</u> / Bathroom Bedrooms (which ones): Other : <u>King Bedroom</u>
Locations of window-mounted air conditioners, if any:	Living Room / Kitchen / Bathroom Bedrooms (which ones): Other : <u>Bedroom</u>
Do any household members garden?	YES / <u>NO</u> If yes where?
Planned landscaping that will remove grass or ground cover?	YES / NO If yes where?
How often is the household cleaned?	<u>Daily</u> / Weekly / Monthly Other:
What cleaning methods are used?	<u>Sweep</u> / <u>Mop</u> / <u>Dust</u> / <u>Vacuum</u> Other:
Family member working in a lead-related industry? (Construction, welding) (describe):	YES / <u>NO</u>
If yes to above, where are dirty work clothes placed and cleaned?	Laundry / Bedroom / Other:

Thank you for completing this questionnaire

Please leave this questionnaire on your dining room table or kitchen countertop for the lead risk assessors on the days specified on the attached notice.

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 type="checkbox"/> No lead-based paint hazards found during risk assessment conducted before hazard control or at clearance (hazards include dust & soil)	<input type="checkbox"/> None	<input type="checkbox"/> 3 Years	<input type="checkbox"/> Annually and whenever information indicates a possible problem
3	<input checked="" 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 checked="" type="checkbox"/> Interim controls and/or hazard abatement or mix of both including, but not necessarily limited to, dust removal. (excluding window replacement)	<input checked="" type="checkbox"/> 1 Year, 2 Years	<input checked="" 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 checked="" type="checkbox"/> Bare leaded soil exceeds standard but less than 5,000 µg/g	<input checked="" type="checkbox"/> Interim controls	<input checked="" type="checkbox"/> None	<input checked="" 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 October 8, 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 2 of 4

3. Information on Interior Common Areas (Attach list if more room needed.)

Property Address (For common areas at same address, enter address once, and enter ditto marks or down- arrow.)	Interior Common Area Name/Location	Frequented by a Child <6 Years Old?	Comments
Med Community Center	1544 Timberlake Rd	Yes	

4. Information on Play Areas with Bare Soil (Attach list if more room needed. Obtain information on play areas for all properties. Record the total number of play areas and the location of each common child play area in onsite playgrounds, back-yards, etc.)

Total number of play areas with bare soil: 0

Property Address (For play areas at same address, enter address once, and enter ditto marks or down- arrow.)	Description of Each Play Area and Its Location (Identify each play area with a code number within each property, and show code number on site plan sketch(es))

**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? Annually
 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 *Only During 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.)
 - 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).
- 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?
- Residents will call with complaints. We receive complaints and place priority on these. Emergencies are addressed first. Contractors are used for lead paint 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 'TPHogan'.

**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



Michael E Tjaden
Director, Env. Health Div.



LEAD
Risk Assessor

DEPARTMENT
OF HEALTH
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

acknowledges that

Intertek-PSI, Inc.

850 Poplar Street, Pittsburgh, PA 15220

Laboratory ID: 100373

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- ✓ **INDUSTRIAL HYGIENE** Accreditation Expires: July 01, 2020
- ✓ **ENVIRONMENTAL LEAD** Accreditation Expires: July 01, 2020
- ✓ **ENVIRONMENTAL MICROBIOLOGY** Accreditation Expires: July 01, 2020
- FOOD** Accreditation Expires:
- UNIQUE SCOPES** Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Beth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

Revision 16: 03/21/2018

Cheryl O. Morton

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 06/29/2018



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>