
**HAZARDOUS MATERIAL SURVEY REPORT
FOR
PHASE 2 OAHU COMMUNITY CORRECTIONAL CENTER
HDOA ANIMAL QUARANTINE STATION
99-951 HALAWA VALLEY STREET
AIEA, ISLAND OF OAHU 96701**

**MNA PROJECT 02819_2
AHL PROJECT No. 6930.001
DAGS JOB No. 12-27-5713**

November 30, 2020



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November 10, 2020



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TABLE OF CONTENTS

EXECUTIVE SUMMARY	iv
1.0 INTRODUCTION.....	1
2.0 SAMPLING AND SURVEY METHODS	1
2.1 Identifying Homogeneous Materials.....	1
2.2 Building Material Sampling.....	7
2.2 PCB-Containing Ballast Inspection	7
2.4 Mercury-Containing Light Tube and Switch Inspection	8
3.0 LABORATORY INFORMATION.....	8
4.0 ASBESTOS RESULTS.....	8
5.0 LEAD RESULTS	12
6.0 ARSENIC RESULTS	13
7.0 SUSPECT PCB-CONTAINING BALLAST RESULTS.....	13
8.0 MERCURY RESULTS	14
9.0 SUMMARY OF SURVEY RESULTS.....	15
10.0 RECOMMENDATIONS FOR RENOVATION AND CONSTRUCTION WORK	15
10.1 Asbestos-Containing Materials.....	16
10.2 Lead-Containing Paints.....	16
10.3 Arsenic-Containing Materials.....	17
10.4 PCB-Containing Ballasts	17
10.5 Mercury-Containing Light Tubes, Switches, and HID Bulbs.....	18
11.0 LIMITATIONS.....	18
 FIGURE	
Figure 1. Vicinity Map	2
 TABLES	
Table 1. Summary of Sampling and Results.....	3
Table 2. PCB-Containing Ballasts	14
Table 3. Mercury-Containing Light Tubes and Light Switches	14

APPENDICES

Appendix A: Survey Area Photographs

Appendix B: Inspector Certifications

Appendix C: Homogeneous Materials Identified and Sample Types Collected

Appendix D: Animal Quarantine Station Area Documentation

Appendix D-1: Administrative Building Survey

Appendix D-2: Cattery Type 1 – 2 Survey

Appendix D-3: Cottage Survey

Appendix D-4: Duplex 1 Survey

Appendix D-5: Duplex 2 Survey

Appendix D-6: Electrical Sheds Survey

Appendix D-7: Kennels Type 1 – 7 Survey

Appendix D-8: Maintenance Shop Survey

Appendix D-9: Office Survey

Appendix D-10: Parking Lot Survey

Appendix D-11: Small Sheds Survey

Appendix D-12: Wash Area Type 1 – 2 Survey

Appendix D-13: Water Shed Survey

Appendix E: Laboratory Analytical Reports

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EXECUTIVE SUMMARY

In August 2020, Myounghee Noh & Associates, L.L.C. (MNA), was retained by Architects Hawaii Limited, to conduct a hazardous material survey at the Hawaii Department of Agriculture (HDOA) Animal Quarantine Station at 99-951 Halawa Valley Street, Aiea, Oahu. The survey was conducted for the Phase 2 Oahu Community Correctional Center project. Targeted were those areas anticipated to be disturbed or demolished during the planned demolition.

The objective of the survey was to identify the presence, extent, and conditions of hazardous materials on the Animal Quarantine Station property in the areas anticipated to be disturbed, so that the information can be incorporated in the design.

During 17-28 August 2020, MNA conducted this hazardous material survey and identified 244 suspect building materials. Based on sampling and analysis of 285 asbestos/bulk, 296 lead/paint chip, and a visual inspection of light ballasts, fluorescent light tubes, and light switches, MNA provides the following summary:

Asbestos. None of the bulk samples were found to be asbestos-containing materials (ACM), but materials with trace levels of asbestos were found in Wash Area Type 2 (brown paint/skim coat on concrete block walls, white paint/skim coat on concrete block walls, and white paint/skim coat on concrete walls) and the Water-shed (white paint/skim coat on concrete block walls, white paint/skim coat on concrete ceilings, eaves, and walls, and white caulking on metal door and window frames).

Lead. Nearly all paints contained measurable levels of lead or assumed to contain lead (factory-baked paints).

Polychlorinated Biphenyls (PCB) and Mercury. There is a few PCB-suspected light ballasts and mercury-suspected light switches and light tubes.

Summary of Hazardous Material Findings

	Trace Asbestos	LCP	LBP	PCB	Mercury
Administrative Building		☐*		☐	☐
Catteries Type 1		☐		☐#	
Catteries Type 2		☐		☐#	
Cottage		☐*			
Duplex 1					☐
Duplex 2		☐*			
Electrical Shed					
Kennel Type 1		☐			
Kennel Type 2					
Kennel Type 3		☐			
Kennel Type 4		☐			
Kennel Type 5			☐		
Kennel Type 6		☐	☐		
Kennel Type 7		☐			

Maintenance Shop		☐	☐	☐	☐
Office		☐			
Parking Lot			☐		
Small Sheds		☐*			☐
Wash Area Type 1		☐	☐		
Wash Area Type 2	☐^	☐	☐		
Water Shed	☐^	☐			

☐ indicates presence or potential presence of hazardous material

* Includes paint that was not sampled because it is factory-baked. Assume lead-containing paint.

^ Includes materials where one or more asbestos fibers were detected by the point count method. While less than 1% asbestos is not a regulated material, trace amount can be a health concern.

Includes ballasts that were not inspected because of inaccessibility. Assume inaccessible ballasts contain PCB.

LCP – Lead-Containing Paint, <5,000 mg/kg

PCB – Polychlorinated Biphenyls

LBP – Lead-Based Paint, ≥5,000 mg/kg

Based on the visual survey and sampling and analysis of suspect bulk materials and paints, special hazard control measures are warranted for work involving asbestos, lead paint, PCB, and mercury. These control measures are briefly described in Section 10.0 Recommendations for Renovation and Construction Work. General dust and runoff controls and environmental protection are also warranted.

Paint samples were analyzed for lead content only. There is a potential for the presence of other hazardous chemicals in the lead-free paint coatings. Contractor must anticipate hazards and take all appropriate measures to prevent exposure of workers and environment.

Contractors must verify, prior to bidding, the location and volumes of potentially hazardous materials and determine the appropriate dust and hazard control measures based on the area and material to be disturbed. Quantities of materials provided in this report are based on visual approximations only during the survey and should not be used for bidding purposes.

The scope of work for this hazardous materials survey included all permanent structures within the Animal Quarantine Station. Removable structures, such as portable buildings and trailers, were excluded from the survey.

Analytical results provided in this report do not meet the requirements for waste characterizations. Contractor must coordinate with permitted landfills for waste characterization requirements.

While no ACM was identified during this survey, trace asbestos materials were confirmed. Trace asbestos is defined as containing one or more asbestos fibers by the point count method. While less than 1% asbestos is not a regulated material, trace amount of asbestos fibers can be a health concern in an uncontrolled environment.

Worker protection from silica exposures is also enforced by the OSHA. All appropriate engineering controls must be implemented and personal protective equipment (PPE) may be considered as added protection.

1.0 INTRODUCTION

Myounghee Noh & Associates, L.L.C. (MNA), under an agreement with Architects Hawaii Limited, conducted a hazardous material survey for the Hawaii Department of Agriculture Animal Quarantine Station, located at 99-951 Halawa Valley Street, Aiea, Oahu.

MNA's survey was conducted in support of the planned Phase 2 Oahu Community Correctional Center demolition project. Targeted were those areas anticipated to be disturbed by the demolition and construction work, as follows:

- Hazardous building materials due to the suspected presence of asbestos, lead, or arsenic.
- Polychlorinated biphenyls (PCB)-containing light ballasts.
- Mercury-containing electrical equipment, such as fluorescent light tubes, high-intensity discharge light bulbs, and light switches.

Site location aerial image is provided in Figure 1. Individual survey area photos are provided in Appendix A.

2.0 SAMPLING AND SURVEY METHODS

During 17-28 August 2020, State of Hawaii-certified building inspectors, Kealohilani Serrao, Danny Falanug, and Joanna Boyette, conducted the building material survey. The inspectors performed a visual assessment of the project site, identified materials suspected of containing asbestos, lead, or arsenic, and collected samples of these materials. The inspectors also surveyed light ballasts and inventoried light components and switches. Inspector certifications are presented in Appendix B.

2.1 Identifying Homogeneous Materials

The inspectors identified building materials with the same appearance, color, and substrate as homogeneous materials. Interior homogeneous materials are considered unique per building and building floor, while exterior building materials are considered unique per area. Building materials with the same characteristics (appearance, color, and substrate), as an identified homogeneous material, should be considered to possess the same hazard characteristics, unless specifically identified as otherwise in the report. As an example, if white paint on metal is found to be lead-based paint (LBP), then all identical white paint on metal in the survey area should be treated as LBP. Table 1 provides an overview of sampling and a summary of hazardous materials identified.



Figure 1. Vicinity Map
 Animal Quarantine Station Site
 Halawa Valley Street
 Halawa, Island of Oahu

Table 1. Summary of Sampling and Results

Materials Sampled	Samples Submitted/ Inspected	Suspect Material Locations	Identified Hazardous Materials
Administrative Building			
Asbestos in bulk material or paint	81	Ceilings, door frames, floors, roofing system, walls, window frames, window sills, 4" pipes, 4" pipe elbows, 6" pipes, 6" pipe elbows	None
Lead in paint	58	Beams, ceilings, conduits, corner cover stations, doors, door frames, electrical boxes, electrical panels, floors, gates, gutters, pipes, poles, railings, roofing system, screens, stairs, walls, window frames, window sills	6 LCP* (82 mg/kg – 550 mg/kg)
PCB light ballasts	53	Fluorescent light fixtures (69 fixtures)	6 Suspect PCB-containing light ballasts
Mercury light tubes	144	Fluorescent light tubes (144 tubes)	22 Conventional mercury light tubes 122 Low-mercury light tubes
Mercury light switches	36	Wall switches (36 switches)	None
Catteries Type 1			
Asbestos in bulk material or paint	0	---	None
Lead in paint	10	Downspouts, gutters, railings, roofing system shelves, walls, walkway	3 LCP (49 mg/kg – 350 mg/kg)
PCB light ballasts	0	Fluorescent light fixtures (168 inaccessible fixtures)	168 Suspect PCB-containing light ballasts [#]
Mercury light tubes	316	Fluorescent light tubes (316 tubes)	316 Low-mercury containing light tubes
Mercury light switches	12	Wall switches (12 switches)	None
Catteries Type 2			
Asbestos in bulk material or paint	0	---	None
Lead in paint	6	Ceilings, columns, poles, shelves, walls	3 LCP (610 mg/kg – 3,200 mg/kg)
PCB light ballasts	0	Fluorescent light fixtures (15 inaccessible fixtures)	15 Suspect PCB-containing light ballasts [#]
Mercury light tubes	0	---	None
Mercury light switches	1	Wall switches (1 switch)	None
Cottage			
Asbestos in bulk material or paint	21	Ceilings, floors, roofing system, sink, shower stall, walls	None
Lead in paint	12	Ceilings, doors, door frames, screens, trim, walls, window frames	1 LCP*
PCB light ballasts	0	Fluorescent light fixtures (8 fixtures)	None
Mercury light tubes	0	---	None

Materials Sampled	Samples Submitted/ Inspected	Suspect Material Locations	Identified Hazardous Materials
Mercury light switches	14	Wall switches (14 switches)	None
Duplex 1			
Asbestos in bulk material or paint	27	Bath tub, ceilings, countertop, door frames, floors, sinks, toilet, roofing system, walls	None
Lead in paint	8	Ceilings, doors, door frames, eaves, fascia, purlins, shelves, walls, window frames, window trim	None
PCB light ballasts	0	---	None
Mercury light tubes	0	---	None
Mercury light switches	20	Wall switches (20 switches)	20 Suspect mercury-containing light switches
Duplex 2			
Asbestos in bulk material or paint	24	Ceilings, floors, roofing system, sink, shower stall, walls	None
Lead in paint	16	Ceilings, doors, door frames pillars, rear door, trim, screens, walls, , window frames	2 LCP*
PCB light ballasts	0	Fluorescent light fixtures (8 fixtures)	None
Mercury light tubes	0	---	None
Mercury light switches	14	Wall switches (14 switches)	None
Electrical Sheds			
Asbestos in bulk material or paint	6	Floor, roofing system	None
Lead in paint	6	Doors, eaves, electrical boxes, flashing, purlins, walls	None
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Kennels Type 1			
Asbestos in bulk material or paint	3	Floor	None
Lead in paint	6	Roofing system, underside of roof, walls	3 LCP (110 mg/kg – 170 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Kennels Type 2			
Asbestos in bulk material or paint	3	Floor	None
Lead in paint	0	---	None
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Kennels Type 3			

Materials Sampled	Samples Submitted/ Inspected	Suspect Material Locations	Identified Hazardous Materials
Asbestos in bulk material or paint	3	Floor	None
Lead in paint	6	Roofing system, underside of roof, walls	2 LCP (43 mg/kg – 170 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Kennels Type 4			
Asbestos in bulk material or paint	3	Bare concrete floors	None
Lead in paint	8	Roofing system, underside of roof, walls	2 LCP (99 mg/kg – 390 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Kennels Type 5			
Asbestos in bulk material or paint	3	Bare concrete floors	None
Lead in paint	4	Underside of roof, walls	2 LBP (37,000 mg/kg – 74,000 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Kennels Type 6			
Asbestos in bulk material or paint	3	Bare concrete floors	None
Lead in paint	8	Roofing system, underside of roof, walls	4 LCP (74 mg/kg – 74,000 mg/kg) including 2 LBP (40,000 mg/kg – 74,000 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Kennels Type 7			
Asbestos in bulk material or paint	3	Bare concrete floors	None
Lead in paint	2	Underside of roof, walls	1 LCP (2,400 mg/kg and 2,500 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Maintenance Shop			
Asbestos in bulk material or paint	57	Ceilings, door frames, ducting, floors, roofing system, walls, window frames, window ledges	None
Lead in paint	62	Columns, conduit, corner trim, curbs, doors, door frames, downspouts, eaves, electrical boxes, floors, gate, gutters, handrails, I-beams, parking lanes, purlins, roll-up doors, roll-up door frames, roofing system, sliding doors, underside of roof, walls, window frames, window ledges	21 LCP (40 mg/kg – 240,000 mg/kg) including 7 LBP (7,100 mg/kg – 240,000 mg/kg)
PCB light ballasts	21	Fluorescent light fixtures (90 fixtures)	1 Suspect PCB-containing light ballasts

Materials Sampled	Samples Submitted/ Inspected	Suspect Material Locations	Identified Hazardous Materials
Mercury light tubes	178	Fluorescent light tubes (178 tubes)	20 Conventional mercury-containing light tubes 158 Low-mercury containing tubes
Mercury light switches	17	Wall switches (17 switches)	1 Suspect mercury-containing light switch
Office			
Asbestos in bulk material or paint	15	Ceiling, walls, floor, roofing system	None
Lead in paint	10	Ceiling, door, door frame, trim, walls, window frames	1 LCP (35 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Parking Lot			
Asbestos in bulk material or paint	0	---	None
Lead in paint	10	Curbs, parking stalls	1 LBP (19,000 mg/kg and 28,000 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Small Sheds			
Asbestos in bulk material or paint	3	Undercoating of sinks	None
Lead in paint	18	Bench, ceilings, doors, door frames, roofing system, trim, walls, window frames	3 LCP* (52 mg/kg – 430 mg/kg)
PCB light ballasts	8	Fluorescent light fixtures (8 fixtures)	None
Mercury light tubes	16	Fluorescent light tubes (16 tubes)	14 Conventional mercury-containing light tubes
Mercury light switches	4	Wall switches (4 switches)	None
Wash Areas Type 1			
Asbestos in bulk material or paint	3	Walls	None
Lead in paint	10	Cabinets, ceilings, dividers, electrical boxes, pipes, roofing system, walls	2 LCP (91 mg/kg – 8,700 mg/kg) Including 1 LBP (8,700 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			
Wash Areas Type 2			
Asbestos in bulk material or paint	9	Walls	3 Paint/skim coat containing trace asbestos^ (0.1%– 0.2% Chrysotile)
Lead in paint	18	Ceilings, dividers, doors, door frames, walls	8 LCP (1,600 mg/kg – 6,900 mg/kg) including 3 LBP (5,200 mg/kg – 6,900 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			

Materials Sampled	Samples Submitted/ Inspected	Suspect Material Locations	Identified Hazardous Materials
Water Shed			
Asbestos in bulk material or paint	21	Ceiling, door frame, eaves, roofing system, walls, window frames	3 Materials (paint/skim coat and caulking) containing trace asbestos (<0.1 - 0.1% Chrysotile)
Lead in paint	16	Ceiling, door, door frame, eaves, flashing, louvers, walls, window frames, window ledges	6 LCP (250 mg/kg – 2,000 mg/kg)
No suspect PCB-containing ballasts or mercury containing electrical equipment identified.			

* Includes paint that was not sampled because it is factory-applied. Assume lead-containing paint.

^ Includes materials where one or more asbestos fibers were detected by the point count method. While less than 1% asbestos is not a regulated material, trace amount can be a health concern.

Inaccessible ballasts are assumed to contain PCB.

Trace Asbestos – Contains less than 1% asbestos

LCP – Lead-Containing Paint, <5,000 mg/kg

PCB – Polychlorinated biphenyls

LBP – Lead-Based Paint, ≥5,000 mg/kg

mg/kg – milligrams per kilogram (equivalent to parts per million)

2.2 Building Material Sampling

Bulk and paint samples were collected using a decontaminated chisel, razor, or hammer in a manner that minimized airborne dust. The inspectors collected triplicate samples for asbestos and duplicate samples for lead. No suspected arsenic-containing building materials were identified. Samples were placed in sealable plastic bags, labeled with a unique identification number, and recorded on a chain-of-custody. For each sample, the date, sample appearance, analyte, and sample location were recorded on a field data form. Asbestos samples were transported under chain-of-custody to LA Testing in South Pasadena, California. Lead samples were delivered under chain-of-custody to Hawaii Analytical Laboratory in Honolulu, Hawaii.

2.2 PCB-Containing Ballast Inspection

Fluorescent light ballasts in the project area were inventoried and inspected for the presence of PCB-containing dielectric fluid. MNA recorded the number of fluorescent light fixtures and selected accessible fixtures to be inspected; 82 of 331 inventoried light fixtures were inspected. 199 light fixtures were inaccessible. MNA confirmed that the light switch was off, opened the light fixture, removed the ballast cover plate, and inspected the ballast for a “No PCBs” label. The location of inspected fixtures was recorded, and the light fixtures were reassembled following inspections.

Ballast manufactured between July 1, 1978, and July 1, 1998, that does not contain PCBs must be labeled “No PCBs.” Ballast manufactured after 1998 are not required to be labeled. Ballasts without the “No PCBs” label or that are manufactured prior to 1979 are considered suspect PCB-containing in accordance with EPA guidance for PCB. Inaccessible ballasts are assumed to be PCB-containing.

2.4 Mercury-Containing Light Tube and Switch Inspection

MNA visually inspected fluorescent light tubes in the project area to identify if they were conventional mercury-containing tubes. According to the EPA guidelines, lamps with green end caps are identified as low-mercury light tubes which may contain 3.5 - 4 milligrams (mg) of mercury, compared to a conventional fluorescent light tube with 8 - 14 mg of mercury (<http://www.epa.gov/osw/hazard/wastetypes/universal/lamps/faqs.htm>). If a green band is not observed at the end cap, it is considered a conventional mercury-containing tube.

MNA also turned on and off all accessible light switches throughout the project area. If a switch does not make a clicking sound when turned on and off, it is considered to be suspect mercury-containing. The locations of inspected light tubes and switches were recorded.

3.0 LABORATORY INFORMATION

LA Testing analyzed the asbestos samples by polarized light microscopy using the Environmental Protection Agency (EPA) Method 600/R-93/116. LA Testing, South Pasadena, is certified by:

- National Voluntary Laboratory Accreditation Program (NVLAP), certification 200232-0
- State of Hawaii Department of Health (HDOH), certification L-01-034
- American Industrial Hygienist Association (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP), certification 102814

Hawaii Analytical Laboratory analyzed the lead samples by flame atomic absorption spectroscopy using the NIOSH Method 7082m. Hawaii Analytical Laboratory, Honolulu, is certified by:

- NVLAP, certification 200655-0
- HDOH, certification L-14-002
- AIHA ELLAP, certification 101812

4.0 ASBESTOS RESULTS

Materials determined to contain greater than, or equal to, 1% asbestos are considered regulated asbestos-containing material (ACM) under the National Emission Standards for Hazardous Air Pollutants (NESHAP) as specified in 40 Code of Federal Regulations (CFR) Part 61 Subpart M. The U.S. Occupational Safety and Health Administration (OSHA) Asbestos General Industry and Construction Standards also define ACM as 1% asbestos or more by volume under 29 CFR 1910.1001 and 29 CFR 1926.1101, respectively. However, any measurable levels of asbestos fibers are considered to be a health concern, in an uncontrolled work environment.

Ninety-five homogeneous materials suspected of containing asbestos were identified and sampled, generating 285 samples for analysis. None of the samples contained 1% or greater asbestos by volume. Therefore, it is concluded that no ACM is present in the area anticipated to be disturbed.

Six materials (caulking and paint/skim coats) contained less than 1% asbestos, and were therefore subjected to a 1,000-point count analysis. The point count result indicated a trace amount of

asbestos, <0.1 – 0.2% asbestos. The term “trace” indicates that one or more asbestos fibers were detected by the point count method, and they are not legally considered ACM. While less than 1% asbestos is not a regulated material, uncontrolled trace amounts of asbestos are a health concern, especially in a closed room.

Survey areas are listed below with numbers that correspond to the site layout maps on page 11.

1. Administrative Building. Twenty-seven homogeneous materials suspected of containing asbestos were identified and sampled, generating 81 samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Administrative Building.

2. Catteries Types 1 (2-1) and 2 (2-2). No suspected ACM were observed; therefore, no samples were collected at the Catteries during this survey.

3. Cottage. Seven homogeneous materials suspected of containing asbestos were identified and sampled, generating 21 samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Cottage.

4. Duplex 1. Nine homogeneous materials suspected of containing asbestos were identified and sampled, generating 27 samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in Duplex 1.

5. Duplex 2. Eight homogeneous materials suspected of containing asbestos were identified and sampled, generating 24 samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in Duplex 2.

6. Electrical Sheds. Two homogeneous materials suspected of containing asbestos were identified and sampled, generating six samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Electrical Sheds.

7. Kennels Types 1 – 7. One homogeneous material suspected of containing asbestos was identified within each kennel type and sampled, generating three samples for analysis per each kennel type, or 21 total. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Kennels.

8. Maintenance Shop. Nineteen homogeneous materials suspected of containing asbestos were identified and sampled, generating 57 samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Maintenance Shop.

9. Office. Five homogeneous materials suspected of containing asbestos were identified and sampled, generating 15 samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Office.

10. Parking Lot. No suspected ACM were observed; therefore, no samples were collected at the Parking Lot during this survey.

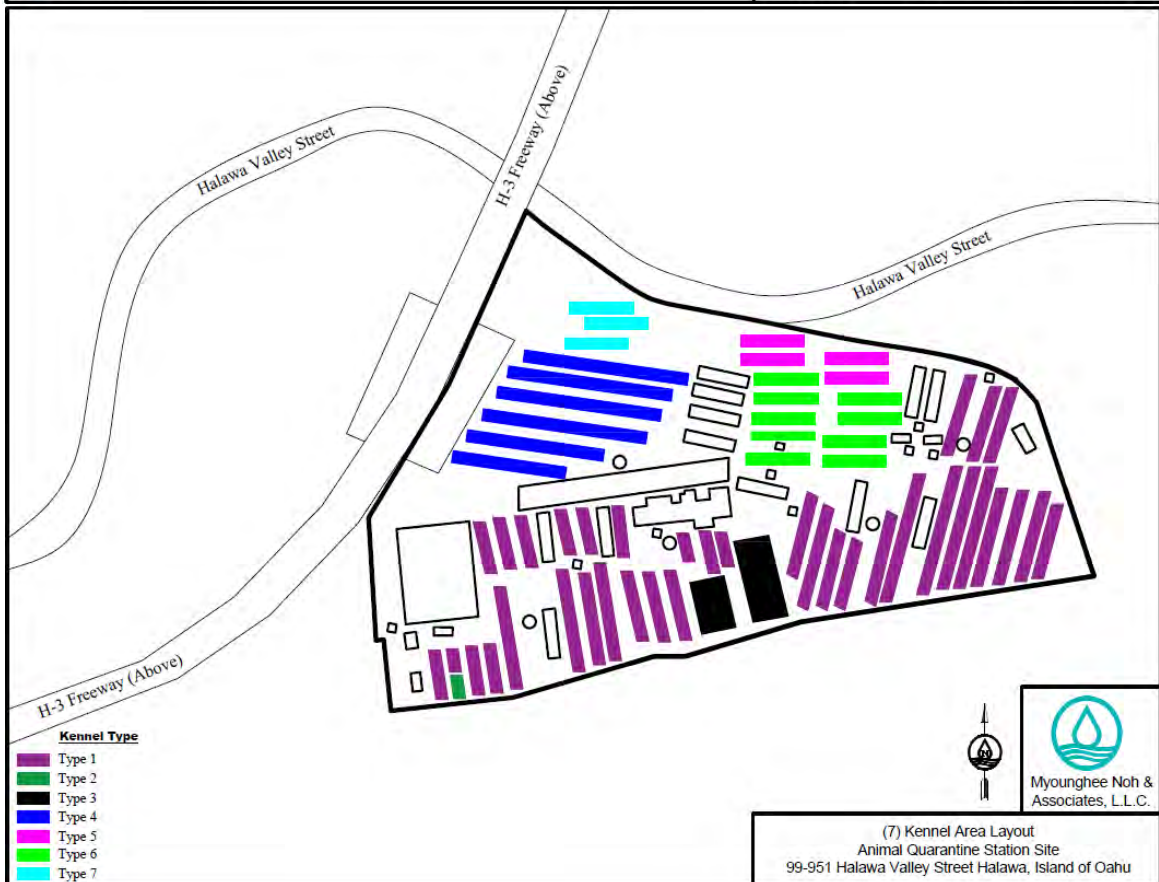
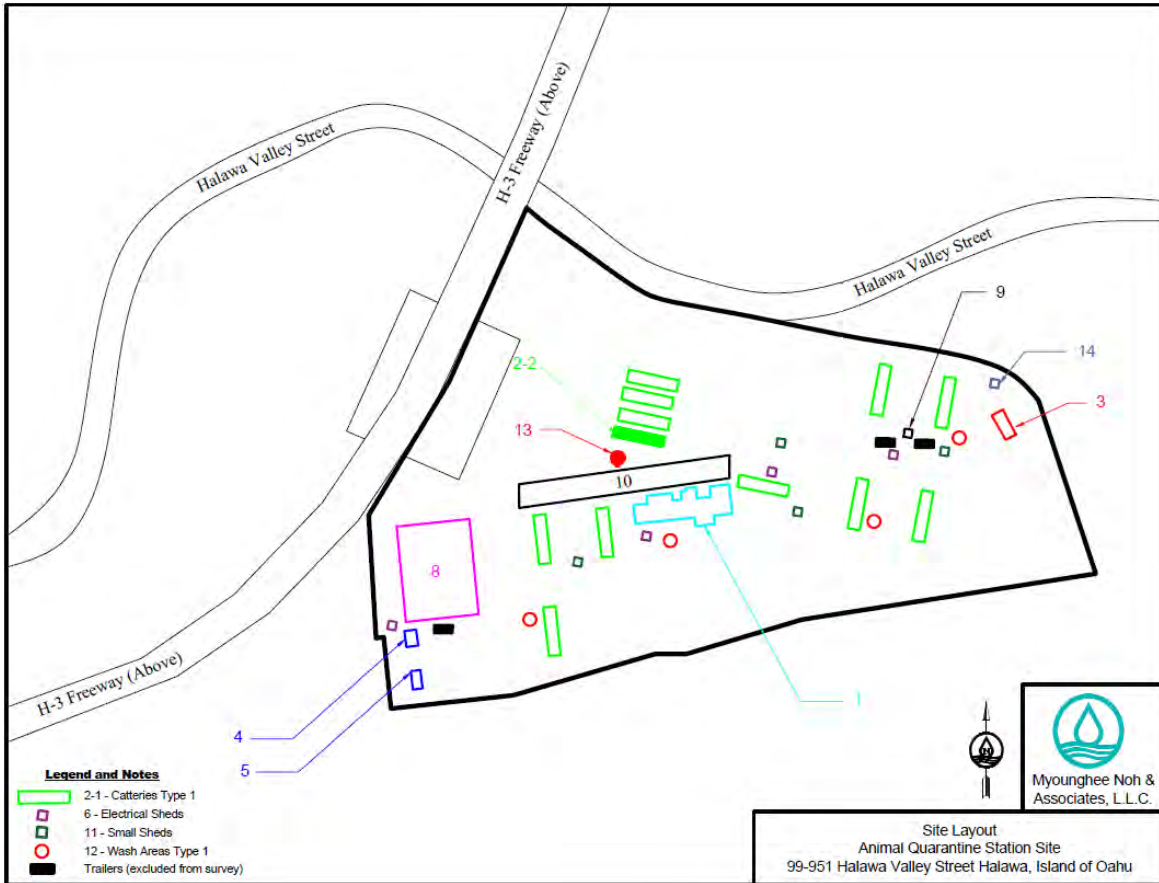
11. Small Sheds. One homogeneous material suspected of containing asbestos was identified and sampled, generating three samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Small Sheds.

12. Wash Areas Type 1. One homogeneous material suspected of containing asbestos was identified and sampled, generating three samples for analysis. None of the samples contained measureable levels of asbestos. Therefore, it is concluded that no ACM are present in the Wash Areas Type 1.

13. Wash Areas Type 2. Three homogeneous materials suspected of containing asbestos were identified and sampled, generating nine samples for analysis. None of the samples contained 1% or greater asbestos by volume. Therefore, it is concluded that no ACM are present in the Wash Areas Type 2. All three materials, however, were found to contain less than 1% asbestos, and were therefore subjected to a point count analysis. The laboratory point count result indicated a trace amount of asbestos, 0.1 – 0.2% asbestos in paints/skim coats, specifically the brown paint/skim coat on concrete block walls, white paint/skim coat on concrete block walls, and white paint/skim coat on concrete walls.

14. Water Shed. Seven homogeneous materials suspected of containing asbestos were identified and sampled, generating twenty-one samples for analysis. None of the samples contained 1% or greater asbestos by volume. Therefore, it is concluded that no ACM are present in the Water Shed. Three materials, however, contained less than 1% asbestos, and were therefore subjected to a point count analysis. The laboratory point count result indicated a trace amount of asbestos, <0.1 – 0.1% asbestos in paints/skim coats and caulking, specifically white paint/skim coat on concrete block walls, white paint/skim coat on concrete ceilings, eaves, and walls, and white caulking on metal door and window frames.

The suspected ACM descriptions and identifiers are provided in Appendix C. Survey documentation, including ACM determination tables, sample and hazardous material location drawings, and photographs are provided in Appendix D. Laboratory analytical reports, chain-of-custody, and field data forms are provided in Appendix E. Site layout maps with corresponding survey area numbers are provided below.



5.0 LEAD RESULTS

The U.S. Department of Housing and Urban Development (HUD) and the EPA define paint containing 5,000 milligrams per kilogram (mg/kg), or 0.5% by weight, or more of lead to be LBP. Paint containing any measurable concentration of lead is considered to be lead-containing paint (LCP) and a health concern. When lead is detected in a multi-layer sample, it is assumed that all layers represented by the sample contain lead at the same concentration.

A total of 148 suspected lead paints were identified, generating 284 paint chip samples. Six paints were factory-baked and not sampled; they are assumed to contain lead. Seventy-one lead paints were confirmed by paint chip testing, with results ranging from 35 mg/kg to 240,000 mg/kg. Sixteen of those paints were identified as LBP, at or above 5,000 mg/kg, the threshold for LBP.

Survey areas are listed below with numbers that correspond to the site layout maps on page 11.

1. Administrative Building. Twenty-nine paints suspected of containing lead were identified and sampled, generating 54 samples for analysis. Four lead paints were confirmed through sampling and analysis, with results ranging from 82 mg/kg to 550 mg/kg. Two paints were factory-baked and not sampled, they are assumed to contain lead. None of the lead paints were identified as LBP, exceeding 5,000 mg/kg, the threshold for LBP.

2. Catteries Types 1 (2-1) and 2 (2-2). Eight paints suspected of containing lead were identified and sampled, generating 16 samples for analysis. Six lead paints were confirmed, with results ranging from 49 mg/kg to 3,200 mg/kg. None of the lead paints were identified as LBP.

3. Cottage. Six paints suspected of containing lead were identified and sampled, generating 10 samples for analysis. None of the samples contained measureable levels of lead. One paint was factory-baked and not sampled, and is assumed to contain lead. This assumed lead paint was the only lead paint identified in the Cottage.

4. Duplex 1. Four paints suspected of containing lead were identified and sampled, generating eight samples for analysis. Laboratory analytical results indicated no measurable levels of lead. Therefore, it is concluded that no lead paints are present in Duplex 1.

5. Duplex 2. Eight paints suspected of containing lead were identified and sampled, generating 12 samples for analysis. None of the samples contained measureable levels of lead. Two paints were factory-baked and not sampled, they are assumed to contain lead. These assumed lead paints were the only lead paints identified in Duplex 2.

6. Electrical Shed. Three paints suspected of containing lead were identified and sampled, generating six samples for analysis. Laboratory analytical results indicated no measurable levels of lead. Therefore, it is concluded that no lead paints are present in the Electrical Shed.

7. Kennels Types 1 – 7. Seventeen paints suspected of containing lead were identified and sampled, generating 34 samples for analysis. Fourteen lead paints were confirmed, with results ranging from 43 mg/kg to 74,000 mg/kg. Four of those paints were identified as LBP, with results ranging from 37,000 mg/kg to 74,000 mg/kg.

8. Maintenance Shop. Thirty-one paints suspected of containing lead were identified and sampled, generating 62 samples for analysis. Twenty-one lead paints were confirmed, with results ranging from 46 mg/kg to 240,000 mg/kg. Seven of those paints were identified as LBP, with results ranging from 5,800 mg/kg to 240,000 mg/kg.

9. Office. Five paints suspected of containing lead were identified and sampled, generating 10 samples for analysis. One lead paint was confirmed, with a result of 35 mg/kg.

10. Parking Lot. Five paints suspected of containing lead were identified and sampled, generating 10 samples for analysis. One lead paint was found to be LBP, with results ranging from 19,000 mg/kg to 28,000 mg/kg.

11. Small Sheds. Ten paints suspected of containing lead were identified and sampled, generating 18 samples for analysis. Two lead paints were confirmed through sampling and analysis, with results ranging from 52 mg/kg to 430 mg/kg. One paint was factory-baked and not sampled, and is assumed to contain lead.

12. Wash Areas Type 1. Five paints suspected of containing lead were identified and sampled, generating 10 samples for analysis. Two lead paints were confirmed, with results ranging from 91 mg/kg to 8,700 mg/kg. One of those paints was found to be LBP, with results of 8,700 mg/kg.

13. Wash Areas Type 2. Nine paints suspected of containing lead were identified and sampled, generating 18 samples for analysis. Eight lead paints were confirmed, with results ranging from 1,600 mg/kg to 6,900 mg/kg. Three of those paints were found to be LBP, with results ranging from 4,800 mg/kg to 6,900 mg/kg.

14. Water Shed. Eight paints suspected of containing lead were identified and sampled, generating 16 samples for analysis. Six lead paints were confirmed, with results ranging from 250 mg/kg to 2,000 mg/kg. None of the lead paints were identified as LBP.

The suspected LCP descriptions and identifiers are provided in Appendix C. Survey documentation, including LCP determination tables, sample and hazardous material location drawings, and photographs are provided in Appendix D. Laboratory analytical reports, chain-of-custody, and field data forms are provided in Appendix E. Site layout maps with corresponding survey area numbers are provided on page 11.

6.0 ARSENIC RESULTS

The disturbance of arsenic-containing materials is regulated by the OSHA Inorganic Arsenic General Industry Standard under 29 CFR 1910.1018. No suspected arsenic-containing materials were observed; therefore, no samples were collected during this survey.

7.0 SUSPECT PCB-CONTAINING BALLAST RESULTS

MNA inventoried a total of 331 ballasts, throughout the survey area. Accessible light ballasts were inspected and identified as non-PCB ballasts if the “No PCBs” label was observed. Inaccessible fixtures, as well as fixtures without the “No PCBs” label, were assumed to be PCB-containing.

One hundred ninety-nine fixtures were inaccessible. Based on observation of ballasts, it is estimated that there may be 175 suspected PCB-containing ballasts in the survey area (Table 2). Contractor must be required to inspect each ballast before removal and replacement, if required.

Table 2. PCB-Containing Ballasts

Area	# Ballast Inventoried	# Ballast Inspected	# Suspect PCB Ballast
1. Administrative Building	65	53	6
2-1. Catteries Type 1	168	0	168 [#]
2-2. Catteries Type 2	15	0	15 [#]
8. Maintenance Shop	90	21	1
11. Small Sheds	8	8	0
TOTAL	331	82	175

[#] Inaccessible ballasts are assumed to contain PCB.

Note: No ballasts were observed in the Cottage, Duplex 1, Duplex 2, Electrical Sheds, Kennels Type 1- 7, Office, Parking Lot, Wash Areas Types 1 and 2, and the Water Shed.

8.0 MERCURY RESULTS

MNA inventoried and visually inspected 654 fluorescent light tubes in the survey area; 56 fluorescent light tubes did not have a green band, indicating conventional mercury-containing tubes. Five hundred ninety-eight fluorescent light tubes had a green band, indicating that they were low-mercury vapor tubes. No high-intensity discharge light bulbs were observed in the project areas. A total of 118 light switches were also inspected, and 21 of them were suspect mercury-containing (Table 3).

Table 3. Mercury-Containing Light Tubes and Light Switches

Area	# Tubes Inventoried	# Low Mercury Tubes	# Conventional Mercury Tubes	# Switches Inventoried	# Suspect Mercury Switch
1. Administrative Building	144	122	22	36	0
2-1. Catteries Type 1	316	316	0	12	0
2-2. Catteries Type 2	0	0	0	1	0
3. Cottage	0	0	0	14	0
4. Duplex 1	0	0	0	20	20
5. Duplex 2	0	0	0	14	0
8. Maintenance Shop	178	158	20	17	1
11. Small Sheds	16	2	14	4	0
TOTAL	654	598	56	118	21

Note: No light tubes or switches were observed in the Electrical Sheds, Kennels Type 1-7, Office, Parking Lot, Wash Areas Type 1 and 2, and the Water Shed.

9.0 SUMMARY OF SURVEY RESULTS

MNA conducted a hazardous material survey at the HDOA Animal Quarantine Station, at 99-951 Halawa Valley Street, Aiea, Island of Oahu. MNA’s survey was conducted in support of the planned demolition for the Oahu Community Correctional Center Phase 2 project.

Based on the analysis of 285 asbestos-suspected samples, 284 lead-suspected samples, and a visual inspection of light ballasts, fluorescent light tubes, and light switches, MNA provides the following summary:

Summary of Hazardous Material Findings

	Trace Asbestos	LCP	LBP	PCB	Mercury
1. Administrative Building		☐*		☐	☐
2-1. Catteries Type 1		☐		☐#	
2-2. Catteries Type 2		☐		☐#	
3. Cottage		☐*			
4. Duplex 1					☐
5. Duplex 2		☐*			
6. Electrical Shed					
7. Kennel Type 1		☐			
Kennel Type 2					
Kennel Type 3		☐			
Kennel Type 4		☐			
Kennel Type 5			☐		
Kennel Type 6		☐	☐		
Kennel Type 7		☐			
8. Maintenance Shop		☐	☐	☐	☐
9. Office		☐			
10. Parking Lot			☐		
11. Small Sheds		☐*			☐
12. Wash Area Type 1		☐	☐		
13. Wash Area Type 2	☐^	☐	☐		
14. Water Shed	☐^	☐			

☐ indicates presence or potential presence of hazardous material

* Includes paint that was not sampled because it is factory-baked. Assume lead-containing paint.

^ Includes materials (caulking and paint/skim coats) where one or more asbestos fibers were detected by the point count method. While less than 1% asbestos is not a regulated material, OSHA considers the trace amount as a health concern.

Includes ballasts that were not inspected because of inaccessibility. Assume inaccessible ballasts to contain PCB.

LCP – Lead-Containing Paint, <5,000 mg/kg

PCB – Polychlorinated Biphenyls

LBP – Lead-Based Paint, ≥5,000 mg/kg

10.0 RECOMMENDATIONS FOR RENOVATION AND CONSTRUCTION WORK

It is required that properly trained employees perform demolition and construction work that disturbs hazardous materials, in a manner protective of the site workers, the public, facility users,

and the environment. The following recommendations address OSHA and other applicable federal requirements. These recommendations provide guidance for the management of hazardous building materials and control of occupational and environmental hazards associated with operations, maintenance, renovation, and demolition. These recommendations are based on information gathered during the hazardous materials survey. These recommendations are not intended to constitute a formal work plan but are intended to provide a starting point for the development of a work plan.

10.1 Asbestos-Containing Materials

Based on sampling and analysis of 95 homogeneous materials in the survey area, trace amounts of asbestos were identified in six caulking or paint/coating materials during this survey. No regulated ACM were identified during this survey. Therefore, no special asbestos control measures are provided. However, trace amount of asbestos can be hazardous if work is performed in an enclosed area. Workers must be informed of the trace level of asbestos and potential health hazard.

10.2 Lead-Containing Paints

Employees involved in renovation or demolition activities that disturb lead paints must conduct work in general accordance with 29 CFR 1926.62 OSHA Lead in Construction Standard. Work practices that would trigger these requirements include, but are not limited to, sanding, blasting, welding, cutting, scraping, and spot/whole paint removals. For each project, the contractor must determine the appropriate safety measures based on the area to be disturbed, the lead concentration, and the paint condition. Applicable work practice guidelines involving the disturbance of lead paints are summarized, but are not limited to:

- Contractors must anticipate hazards and utilize appropriate engineering controls and personal protective equipment (PPE).
- Employees must utilize respiratory protection until the initial air monitoring assessment documents safe working levels of airborne lead (29 CFR 1926.62[d][1] and [2][i][A]).
- An exposure assessment should be carried out when employees are disturbing LCP or LBP to ensure that they are not exposed to airborne lead concentrations greater than the Permissible Exposure Limit (PEL) of 50 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) averaged over an 8-hour period. Additional periodic exposure monitoring may be required if the Action Level, $30 \mu\text{g}/\text{m}^3$, averaged over an 8-hour period is exceeded.
- Employees must implement stringent dust control procedures to prevent airborne lead dust.
- Employees must clean the work area thoroughly using wet methods and a high-efficiency particulate air (HEPA) vacuum. Dry sweeping or air blowing of lead debris and dust must be avoided.
- Lead-containing debris must be segregated from other wastes, collected, and containerized. Wastes must be characterized per State of Hawaii requirements, including a determination of the waste as hazardous or non-hazardous. Lead-containing waste must be handled and disposed of in accordance with applicable requirements.

- Visually inspect and verify the work area to ensure all lead-containing debris and dust has been properly removed and the project site is free of lead hazard.
- Conduct clearance in accordance with contract specifications.

10.3 Arsenic-Containing Materials

No suspected arsenic-containing materials were identified in the project areas during this survey. Therefore, no special arsenic control measures are provided.

10.4 PCB-Containing Ballasts

When the label on ballasts are missing, illegible, or does not state “No PCBs,” workers must handle and dispose of these ballasts as PCB-containing ballasts. Trained workers are required to remove suspect PCB-containing light ballasts or cleaning up PCB spills, and the work must be performed in accordance with OSHA and EPA requirements. The handling, storage, transportation, and disposal of suspect PCB-containing waste are regulated by the Toxic Substance Control Act (TSCA; 40 CFR Part 761). Safeguards, precautions, and protective measures must be designed and implemented to prevent PCB release or exposure. For each project, the contractor should determine the appropriate safety measures based on the number and condition of suspect PCB-containing ballasts. Applicable work practice guidelines involving PCB-containing ballasts and/or PCB-contaminated materials are summarized, but are not limited to:

- Contractors must anticipate hazards and utilize appropriate engineering controls and PPE.
- All work involving PCB should be performed by properly trained and equipped personnel.
- A written spill plan may aid in spill response.
- Maintain a PCB spill response kit on site that contains at a minimum the following items: disposable nitrile or rubber gloves, disposable coveralls, chemical safety goggles, disposable foot covers, PCB warning signs for controlled areas, caution tape, oil absorbent pads, sealable waste containers to prevent exposure to vapors, tape, rags, paper and writing equipment, and labels for waste containers and secondary containment for vessels.
- Clean up leaks and spills and handle disposal operations in compliance with regulatory requirements and project specifications.
- Trained employees should clean up PCB spills using the spill response kit and appropriate equipment.
- Establish PCB controlled areas for removal or spill cleanup to prevent unauthorized entry of personnel. Maintain an access log of employees working in PCB controlled areas.
- All PCB waste must be stored and disposed of in compliance with TSCA regulations, and all records involving PCB must be properly maintained.
- Inspect PCB waste containers for seal tightness in a timely manner.

10.5 Mercury-Containing Light Tubes, Switches, and HID Bulbs

Low mercury vapor and conventional light tubes were observed during the survey. Trained employees are required to perform disturbance, removal, or cleanup of mercury-containing light tubes, and the work must be performed in accordance with EPA and OSHA regulations. Safeguards, precautions, and protective measures should be utilized to prevent mercury exposure. Applicable work practice guidelines involving mercury-containing items and/or mercury-contaminated materials are summarized, but are not limited to:

- Contractors must anticipate hazards and utilize appropriate engineering controls and PPE. In an event light tubes are broken, ventilate the affected area immediately and continuously.
- All work involving mercury-containing items must be performed by properly trained and equipped personnel.
- A written mercury spill response plan may aid in spill response should a mercury release occur at the building.
- Clean up leaks and spills and handle disposal operations in compliance with regulatory requirements and spill kit Safety Data Sheet (SDS).
- Trained employees must ventilate the area and clean up mercury spills using the response kit and appropriate equipment and PPE.
- Establish mercury controlled areas for removal or spill cleanup to prevent unauthorized entry of personnel. Maintain a log of employees working in mercury controlled areas.
- All mercury waste must be stored and disposed of in compliance with EPA regulations, and all records involving mercury must be properly maintained.
- Inspect mercury waste containers for leaks in a timely manner.

11.0 LIMITATIONS

Industry standard effort was made to identify suspected hazardous building materials during the survey at the project area. However, this does not imply a guarantee that all suspected building materials and hazardous materials were identified by this assessment because certain building materials and/or surfaces may be hidden by walls, flooring/concrete slab, partitions, other building components, or existing equipment or furniture. If any previously unforeseen suspected materials become known, additional assessment may be required prior to the planned demolition project.

Paint samples were analyzed for lead content only. There is a potential for the presence of other hazardous chemicals in the lead-free paint coatings. Contractor must anticipate hazards and take all appropriate measures to prevent exposure of workers and environment.

Material quantities provided in this report are based on visual approximations taken at the time of the survey only and should not be used for bidding purpose. It is the Contractor's responsibility to verify the material quantities and volume of waste prior to bidding.

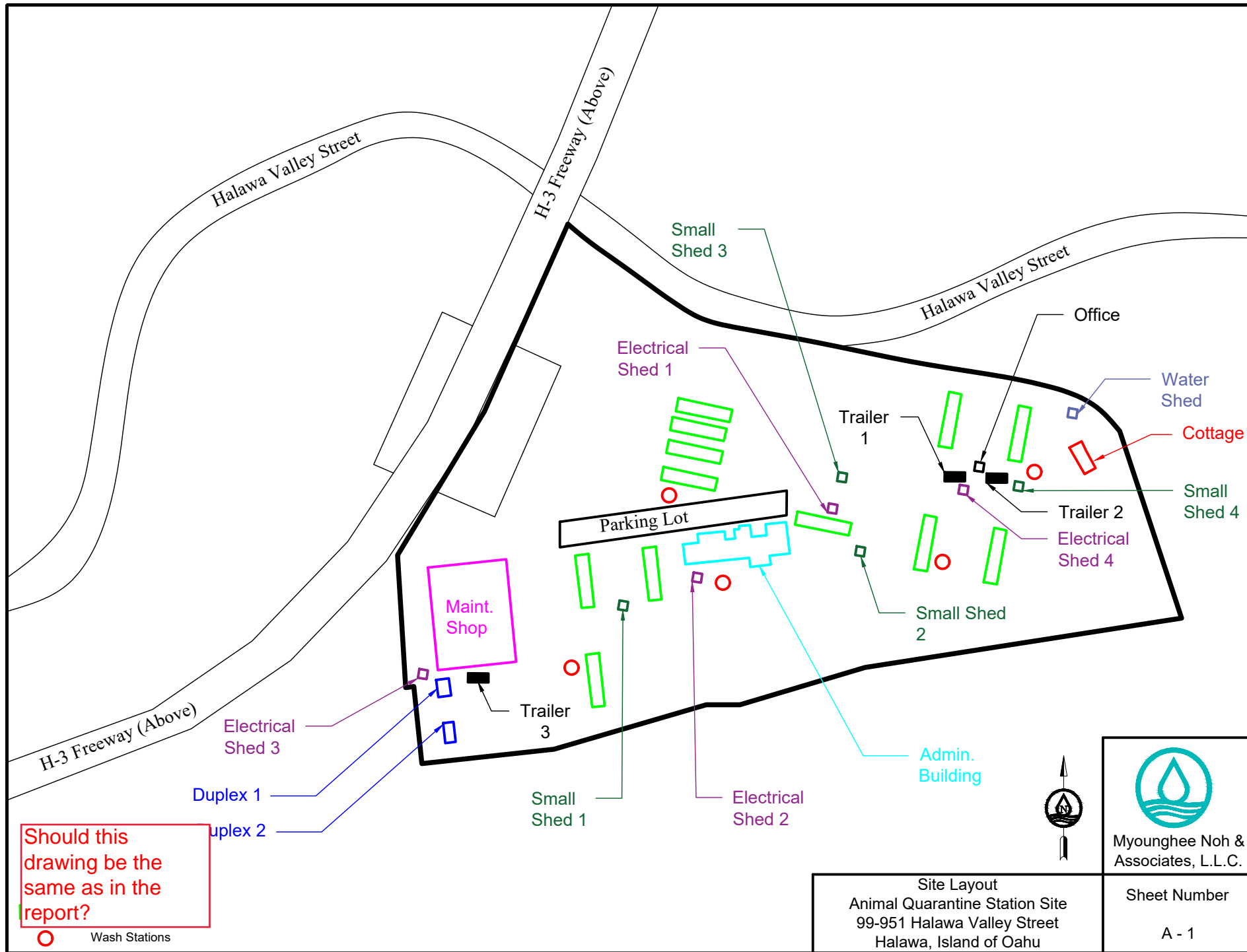
Analytical results provided in this report do not meet the requirements for waste characterizations. Contractor must coordinate with permitted landfills for waste characterization requirements.

While no ACM was identified during this survey, trace asbestos materials were confirmed. Trace asbestos is defined as containing one or more asbestos fibers by the point count method. While less than 1% asbestos is not a regulated material, trace amounts of asbestos can be a health concern in an uncontrolled environment.

Worker protection from silica exposures is also enforced by the OSHA. All appropriate engineering controls must be implemented and PPE may be considered as added protection.

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APPENDIX A: SURVEY AREA PHOTOGRAPHS



Should this drawing be the same as in the report?

○ Wash Stations



Myounghee Noh & Associates, L.L.C.

Site Layout
 Animal Quarantine Station Site
 99-951 Halawa Valley Street
 Halawa, Island of Oahu

Sheet Number
 A - 1



Administrative Building
August 2020



Cattery Type 1
August 2020



Cattery Type 2
August 2020



Cottage
August 2020



Duplex 1
August 2020



Duplex 2
August 2020



Electrical Sheds
August 2020



Kennel Type 1
August 2020



Kennel Type 2
August 2020



Kennel Type 3
August 2020



Kennel Type 4
August 2020



Kennel Type 5
August 2020

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



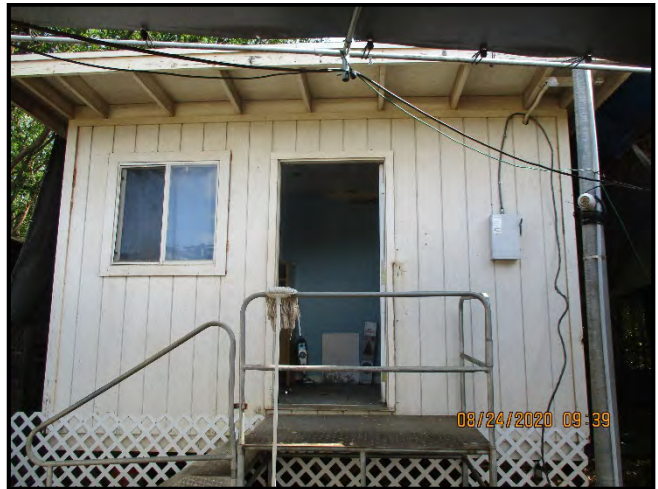
Kennel Type 6
August 2020



Kennel Type 7
August 2020



Maintenance Shop
August 2020



Office
August 2020



Parking Lot
August 2020



Small Sheds
August 2020



Wash Area Type 1
August 2020



Wash Area Type 2
August 2020



Water Shed
August 2020

APPENDIX B: INSPECTOR CERTIFICATIONS

Kealohilani Serrao

Danny Falanug

Joanna Boyette



State of Hawai'i Asbestos Certification

Training Course Exp. Dates

W	n/a	MP	n/a
CS	05/01/21	PD	n/a
INS	05/21/21	PM	n/a

W= Worker
 CS= Cont/Sup
 INS= Inspector
 PD= Project Designer
 MP= Mgmt. Planner
 PM= Project Monitor

Serrao
 Kealohilani T.E.
 Myounghee Noh & Associates, L.L.C.
HIASB-4729
 State Exp. Date **06/06/2021**

State of Hawai'i Lead Based Paint Activities Certification

Expiration Dates:

Inspector	09/30/2022
Supervisor	n/a
Risk Assessor	n/a
Project Designer	n/a
Worker	n/a

Serrao
 Kealohilani T.E.
 Certification # PB-1128





State of Hawai'i Asbestos Certification

Training Course Exp. Dates

W	n/a	MP	n/a
CS	n/a	PD	n/a
INS	05/21/21	PM	05/22/21

W= Worker
 CS= Cont./Sup.
 INS= Inspector
 PD= Project Designer
 MP= Mgmt. Planner
 PM= Project Monitor

Falanug
 Danny
 Myounghee Noh & Associates, L.L.C.
 HIASB-3526
 State Exp. Date **05/25/2021**

State of Hawai'i Lead Based Paint Activities Certification

Expiration Dates:

Inspector	08/12/2022
Supervisor	06/12/2023
Risk Assessor	n/a
Project Designer	08/06/2023
Worker	n/a



Falanug
 Danny
 Certification # PB-0661





State of Hawai'i Asbestos Certification

Training Course Exp. Dates

W	n/a	MP	n/a
CS	n/a	PD	n/a
INS	05/14/21	PM	07/17/20

W= Worker
 CS= Cont./Sup.
 INS= Inspector
 PD= Project Designer
 MP= Mgmt. Planner
 PM= Project Monitor

Boyette
 Joanna L.
 Myounghee Noh & Associates, L.L.C.
HIASB-0348
 State Exp. Date **05/02/2021**

State of Hawai'i Lead Based Paint Activities Certification

Expiration Dates:

Inspector-	04/04/2022
Supervisor-	n/a
Risk Assessor-	n/a
Project Designer-	n/a
Worker-	n/a



Boyette
 Joanna
 Certification # PB-0839



**APPENDIX C: HOMOGENEOUS MATERIALS IDENTIFIED AND
SAMPLE TYPES COLLECTED**

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
26	Admin. Building	1	Exterior	Ceiling, walls	Beige	Textured paint Skim coat	Concrete	X		ND
27	Admin. Building	1	Exterior	Walls	Beige	Textured paint Skim coat	Concrete block	X		ND
28	Admin. Building	1	Exterior	Ceiling	Silver	Wrap Insulation	Metal	X		ND
29	Admin. Building	1	Exterior	Window frames	Black	Grout	Concrete	X		ND
30	Admin. Building	1	Exterior	Door frame	White	Caulking Foam	Concrete	X		ND
85	Admin. Building	1	Exterior	Beams, conduit, doors, door frames, electrical box, gates, railing	Beige	Paint	Metal		X	<40 mg/kg
86	Admin. Building	1	Exterior	Ceiling, walls	Beige	Paint	Textured concrete		X	<40 mg/kg
87	Admin. Building	1	Exterior	Walls	Beige	Paint	Concrete block		X	<40 mg/kg
88	Admin. Building	1	Exterior	Gutter, screens	Tan	Paint	Metal		X	<33 - <55 mg/kg
89	Admin. Building	1	Exterior	Door, door frame, window frames	Black	Paint	Metal		X	LCP*
90	Admin. Building	1	Exterior	Corner cover station, poles	Yellow	Paint	Metal		X	LCP 530 - 550 mg/kg
91	Admin. Building	1	Exterior	Railing	White	Paint	Metal		X	LCP 490 - 500 mg/kg
92	Admin. Building	1	Exterior	Window sill	Beige	Paint	Concrete		X	<40 mg/kg
94	Admin. Building	1	Exterior	Railing	Black	Paint	Metal		X	LCP <34 - 160 mg/kg
95	Admin. Building	1	Exterior	Wall	White	Paint	Concrete block		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
96	Admin. Building	1	Exterior	Stairs	White	Paint	Concrete		X	<40 mg/kg
100	Admin. Building	1	Exterior	Window sill	Beige	Paint/foam Skim coat	Concrete	X		ND
158	Admin. Building	1	Break Room, Dispensary, Kitchen, Men's and Women's Locker Rooms, Offices 1, 2, 3, 4, 5, Storage Rooms 1, 2, 4, 6, Vet Rooms 1 and 2	Ceilings	White	2' x 4' Acoustic tile	None	X		ND
159	Admin. Building	1	Break Room, Dispensary, Offices 1, 2, 3, Storage Rooms 1, 2, 3, Vet Rooms 1 and 2	Walls	White	Drywall Joint compound	None	X		ND
160	Admin. Building	1	Boiler Room, Break Room, Dispensary, Hallway, Janitor Room, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Offices 1, 2, 3, 4, 5, Storage Rooms 3, 5, 6, 7, Vet Rooms 1 and 2	Walls	White	Paint/skim coat	Concrete block	X		ND
161	Admin. Building	1	Plenum	Ceiling	Silver	Wrap Insulation	Metal	X		ND

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
162	Admin. Building	1	Break Room, Dispensary, Offices 2, 3, 4, 5, Storage Rooms 1, 2, 3, 4, 5, Vet Rooms 1 and 2	Walls	Gray	Cove base Mastic	Wood	X		ND
163	Admin. Building	1	Dispensary	Floor	Tan	Linoleum Mastic	Concrete	X		ND
164	Admin. Building	1	Break Room, Offices 1, 2, 3, 4, 5, Storage Rooms 1, 2, 3, 4, 6	Floors	Beige	12" x 12" Vinyl tile Mastic	Concrete	X		ND
165	Admin. Building	1	Storage Room 4	Wall	Beige	Drywall Joint compound	None	X		ND
166	Admin. Building	2	Offices 1 and 2	Ceilings	White	2' x 4' Acoustic tile	None	X		ND
167	Admin. Building	2	Offices 1 and 2	Walls	White	Drywall Joint compound	None	X		ND
168	Admin. Building	2	Offices 1 and 2	Walls	White	Textured paint Skim coat	Concrete block	X		ND
169	Admin. Building	2	Offices 1 and 2	Walls	Gray	Cove base Mastic	Concrete	X		ND
170	Admin. Building	2	Offices 1 and 2	Floors	Beige	12" x 12" Vinyl tile Mastic	Concrete	X		ND
171	Admin. Building	1	Break Room, Dispensary, Offices 1, 2, 3, Storage Rooms 1, 2, 3, Vet Rooms 1 and 2	Walls	White	Paint	Drywall		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
172	Admin. Building	1	Boiler Room, Break Room, Dispensary, Hallway, Janitor Room, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Offices 1, 2, 3, 4, 5, Storage Rooms 3, 5, 6, 7, Vet Rooms 1 and 2	Walls	White	Paint	Concrete block		X	<40 mg/kg
173	Admin. Building	1	Dispensary	Wall	Gray	Paint	Concrete block		X	<40 mg/kg
174	Admin. Building	1	Dispensary	Door, door frame	Gray	Paint	Metal		X	<40 mg/kg
175	Admin. Building	1	Offices 1, 2, 4, Storage Room 5, Vet Rooms 1 and 2	Doors, door frames, window frames	White	Paint	Wood		X	<40 mg/kg
176	Admin. Building	1	Men's and Women's Locker Rooms, Office 4, Stairwell, Vet Rooms 1 and 2	Doors, door frames	White	Paint	Metal		X	<40 mg/kg
177	Admin. Building	1	Break Room, Hallway, Janitor Room, Office 3, Storage Rooms 1, 2, 3, 4, 6, 7, Women's Restroom	Conduit, doors, door frames, electrical panel, pipes	Beige	Paint	Metal		X	<40 mg/kg
178	Admin. Building	1	Hallway, Office 3, Storage Rooms 1, 2, 3, 4	Doors, door frames	Beige	Paint	Wood		X	<40 mg/kg
179	Admin. Building	1	Storage Room 4	Wall	Beige	Paint	Drywall		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
180	Admin. Building	2	Offices 1 and 2	Walls	White	Paint	Drywall		X	<40 mg/kg
181	Admin. Building	2	Offices 1 and 2	Walls	White	Paint	Concrete block		X	<40 mg/kg
182	Admin. Building	2	Offices 1 and 2	Door frames	White	Paint	Metal		X	<40 mg/kg
183	Admin. Building	2	Offices 1 and 2	Doors, door frames	White	Paint	Wood		X	<40 mg/kg
184	Admin. Building	2	Office 1	Door	Black	Paint	Metal		X	LCP*
185	Admin. Building	1	Stairwell	Floor	Gray	12" x 12" Vinyl tile Mastic	Concrete	X		ND
186	Admin. Building	1	Boiler Room, Hallway, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Storage Room 5	Walls	White	Textured paint Skim coat	Concrete	X		ND
187	Admin. Building	1	Boiler Room, Hallway, Women's Locker Room, Women's Restroom, Storage Room 5	4" Pipes	White	Wrap Insulation	Metal	X		ND
188	Admin. Building	1	Boiler Room, Women's Restroom	4" Pipe elbow	White	Wrap Insulation	Metal	X		ND
189	Admin. Building	1	Boiler Room	6" Pipe	White	Wrap Insulation	Metal	X		ND
190	Admin. Building	1	Boiler Room	6" Pipe elbow	White	Vinyl wrap Insulation	Metal	X		ND

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
191	Admin. Building	1	Men's and Women's Locker Rooms, Men's and Women's Restrooms	Floor, walls	White	2" x 2" Ceramic tile Thinset	None	X		ND
192	Admin. Building	1	Boiler Room, Hallway, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Storage Room 5	Walls	White	Textured paint	Concrete		X	<40 mg/kg
193	Admin. Building	1	Men's and Women's Locker Rooms	Floors	Gray	Textured paint	Concrete		X	<40 mg/kg
194	Admin. Building	Roof	Exterior	Roofing system	White	Coating	Metal		X	<40 mg/kg
195	Admin. Building	Roof	Exterior	Roofing system	Beige	Paint	Metal		X	LCP 82 - 88 mg/kg
196	Admin. Building	Roof	Exterior	Roofing system	White	Coating	Metal	X		ND
31	Cattery Type 1	1	Interior	Walls	Beige	Paint	Metal		X	<36 - <37 mg/kg
32	Cattery Type 1	1	Interior	Walls	Green	Paint	Metal		X	LCP 49 - 67 mg/kg
33	Cattery Type 1	1	Interior	Shelves, walkway	Green	Paint	Wood		X	<40 mg/kg
34	Cattery Type 1	1	Exterior	Downspouts, gutters, roofing systems, walls	Beige	Paint	Metal		X	LCP 56 - 72 mg/kg
35	Cattery Type 1	1	Exterior	Railings, walls	White	Paint	Metal		X	LCP 300 - 350 mg/kg
97	Cattery Type 2	1	Interior	Ceiling, columns, poles, walls	Green	Paint	Metal		X	LCP 2,100 - 2,300 mg/kg
98	Cattery Type 2	1	Interior	Shelves	White	Paint	Wood		X	LCP 610 - 640 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
99	Cattery Type 2	1	Exterior	Walls	White	Paint	Metal		X	LCP 2,600 - 3,200 mg/kg
14	Cottage	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Ceilings, walls	White	Drywall Joint compound	None	X		ND
15	Cottage	1	Living Room, Restroom, Rooms 1, 2, 3	Walls	Gray	Cove base Mastic	Drywall	X		ND
16	Cottage	1	Kitchen	Sink	White	Undercoating	Metal	X		ND
17	Cottage	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Floors	Tan	12" x 12" Vinyl tile Mastic	Concrete	X		ND
18	Cottage	1	Restroom	Shower stall	White	Grout	4" x 4" Ceramic tile	X		ND
19	Cottage	1	Exterior	Wall	Beige	Textured paint Skim coat	Concrete block	X		ND
20	Cottage	Roof	Exterior	Roofing system	Black	Built-up roofing	Wood	X		ND
71	Cottage	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Ceilings, walls	White	Paint	Drywall		X	<40 mg/kg
72	Cottage	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Doors, door frames, window frames	White	Paint	Wood		X	<40 mg/kg
73	Cottage	1	Exterior	Ceiling, trim, walls	Brown	Paint	Wood		X	<40 mg/kg
74	Cottage	1	Exterior	Door frames, window frames	Dk. brown	Paint	Wood		X	<40 mg/kg
75	Cottage	1	Exterior	Wall	Beige	Paint	Concrete block		X	<40 mg/kg
76	Cottage	1	Exterior	Screens	Brown	Paint	Metal		X	LCP*
128	Duplex 1	1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Ceilings, walls	White	Paint	Drywall		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
129	Duplex 1	1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Doors, door frames, shelves, window frames	White	Paint	Wood		X	<40 mg/kg
130	Duplex 1	1	Exterior	Eaves, purlins, walls	Beige	Paint	Wood		X	<40 mg/kg
131	Duplex 1	1	Exterior	Door frames, fascia, window frames, window trim	Lt. blue	Paint	Wood		X	<40 mg/kg
132	Duplex 1	1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Ceilings, walls	White	Drywall Joint compound	None	X		ND
133	Duplex 1	1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Floors	Off-white with gray streaks	12" x 12" Vinyl tile Mastic	Concrete	X		ND
134	Duplex 1	1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Walls	Gray	Cove base Mastic	Drywall	X		ND
135	Duplex 1	1	Room 1	Sinks	White	Undercoating	Metal	X		ND
136	Duplex 1	1	Restrooms 1 and 2	Walls	Lt. gray	2" x 2" Ceramic tile Grout	Drywall	X		ND
137	Duplex 1	1	Restrooms 1 and 2	Bath tub, sink, toilet	White	Caulking Joint compound	Porcelain	X		ND
138	Duplex 1	1	Rooms 1 and 3	Countertop, door frames, wall	White	Caulking	Wood	X		ND
139	Duplex 1	Roof	Exterior	Roofing system	Black	Shingles Tar	Wood	X		ND
140	Duplex 1	1	Room 3	Sink	Gray	Undercoating	Metal	X		ND
6	Duplex 2	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Ceilings	White	Drywall	None	X		ND
7	Duplex 2	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Walls	Beige	Drywall Joint compound	None	X		ND

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
8	Duplex 2	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Floors	Tan	12" x 12" Vinyl tile Mastic	Concrete	X		ND
9	Duplex 2	1	Kitchen	Sink	White	Undercoating	Metal	X		ND
10	Duplex 2	1	Living Room, Restroom, Rooms 1, 2, 3	Walls	Gray	Cove base Mastic	Drywall	X		ND
11	Duplex 2	1	Restroom	Shower stall	White	Grout	4" x 4" Ceramic tile	X		ND
12	Duplex 2	Roof	Exterior	Roofing system	Black	Built-up roofing	Wood	X		ND
13	Duplex 2	1	Exterior	Wall	Beige	Paint/skim coat	Concrete block	X		ND
57	Duplex 2	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Ceilings	White	Paint	Drywall		X	<40 mg/kg
58	Duplex 2	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Walls	Beige	Paint	Drywall		X	<40 mg/kg
59	Duplex 2	1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Doors, door frames, window frames	Beige	Paint	Wood		X	<40 mg/kg
60	Duplex 2	1	Exterior	Walls	Beige	Paint	Concrete block		X	<40 mg/kg
61	Duplex 2	1	Exterior	Ceilings, pillars, walls	Beige	Paint	Wood		X	<40 mg/kg
62	Duplex 2	1	Exterior	Door frames, window frames, trim	Brown	Paint	Wood		X	<40 mg/kg
64	Duplex 2	1	Exterior	Screens	Brown	Paint	Metal		X	LCP*
65	Duplex 2	1	Exterior	Rear door	Black	Paint	Metal		X	LCP*
110	Electrical Shed	1	Interior	Electrical boxes	Lt. gray	Paint	Metal		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
111	Electrical Shed	1	Exterior	Doors, eaves, purlins, walls	Off-white	Paint	Wood		X	<40 mg/kg
112	Electrical Shed	1	Exterior	Flashing	Off-white	Paint	Metal		X	<40 mg/kg
113	Electrical Shed	1	Interior	Floor	Lt. gray	Concrete	None	X		ND
114	Electrical Shed	Roof	Exterior	Roofing system	Black	Shingles Tar	Wood	X		ND
101	Kennel Type 1	1	Exterior	Walls	Off-white	Paint	Metal		X	LCP 110 - 160 mg/kg
102	Kennel Type 1	1	Interior	Underside of roof, walls	Green	Paint	Metal		X	LCP 130 - 140 mg/kg
103	Kennel Type 1	Roof	Exterior	Roofing system	Beige	Paint	Metal		X	LCP 120 - 170 mg/kg
104	Kennel Type 1	1	Interior	Floor	Lt. gray	Concrete	None	X		ND
105	Kennel Type 2	1	Interior	Floor	Black	Coating	Concrete	X		ND
106	Kennel Type 3	1	Exterior	Walls	Off-white	Paint	Metal		X	<40 mg/kg
107	Kennel Type 3	1	Interior	Underside of roof, walls	Lt. green	Paint	Metal		X	LCP <40 - 43 mg/kg
108	Kennel Type 3	Roof	Exterior	Roofing system	Beige	Paint	Metal		X	LCP 150 - 170 mg/kg
109	Kennel Type 3	1	Interior	Floor	Lt. gray	Concrete	None	X		ND
115	Kennel Type 4	1	Interior	Underside of roof, walls	White	Paint	Metal		X	LCP 340 - 390 mg/kg
116	Kennel Type 4	1	Interior	Floor	Off-white	Paint	Concrete		X	<40 mg/kg
117	Kennel Type 4	1	Exterior	Walls	Off-white	Paint	Metal		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
118	Kennel Type 4	Roof	Exterior	Roofing system	Beige	Paint	Metal		X	LCP 99 - 160 mg/kg
119	Kennel Type 4	1	Interior	Floor	Lt. gray	Concrete	None	X		ND
120	Kennel Type 5	1	Exterior	Walls	Lt. blue	Paint	Metal		X	LBP 37,000 - 38,000 mg/kg
121	Kennel Type 5	1	Interior	Underside of roof	Yellow	Paint	Metal		X	LBP 73,000 - 74,000 mg/kg
122	Kennel Type 5	1	Interior	Floor	Lt. gray	Concrete	None	X		ND
123	Kennel Type 6	1	Exterior	Walls	Lt. blue	Paint	Metal		X	LBP 40,000 - 43,000 mg/kg
124	Kennel Type 6	1	Interior	Underside of roof	White	Paint	Metal		X	LCP 420 - 470 mg/kg
125	Kennel Type 6	1	Interior	Underside of roof	Green	Paint	Metal		X	LBP 69,000 - 74,000 mg/kg
126	Kennel Type 6	Roof	Exterior	Roofing system	Beige	Paint	Metal		X	LCP 74 - 100 mg/kg
127	Kennel Type 6	1	Interior	Floor	Lt. gray	Concrete	None	X		ND
141	Kennel Type 7	1	Interior	Underside of roof, walls	Green	Paint	Metal		X	LCP 2,400 - 2,500 mg/kg
142	Kennel Type 7	1	Interior	Floor	Lt. gray	Concrete	None	X		ND
197	Maint. Shop	1	Exterior	Walls	White	Paint	Concrete block		X	LCP 91 - 100 mg/kg
198	Maint. Shop	1	Exterior	Walls	Yellow	Paint	Concrete block		X	LBP 19,000 - 25,000 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
199	Maint. Shop	1	Exterior	Doors, door frames, downspouts, eaves, gutters, roll-up doors, roll-up door frames, sliding doors, underside of roof, walls, window frames, window ledges	Off-white	Paint	Metal		X	<40 mg/kg
200	Maint. Shop	1	Exterior	Conduit, electrical boxes, I-beams, purlins	White	Paint	Metal		X	LBP 160,000 - 240,000 mg/kg
201	Maint. Shop	1	Exterior	Corner trim, gate, handrail, I-beams	Yellow	Paint	Metal		X	LBP 35,000 - 38,000 mg/kg
202	Maint. Shop	1	Exterior	Doors, door frames	Lt. gray	Paint	Metal		X	LCP 1,100 - 3,800 mg/kg
203	Maint. Shop	1	Exterior	Parking lanes	White	Paint	Asphalt		X	LCP 68 - 93 mg/kg
204	Maint. Shop	1	Exterior	Window ledges	White	Paint	Concrete		X	<40 mg/kg
205	Maint. Shop	1	Exterior	Curb	Yellow	Paint	Concrete		X	LCP 860 - 930 mg/kg
206	Maint. Shop	1	Exterior	Underside of roof	Green	Paint	Metal		X	<40 mg/kg
207	Maint. Shop	1	Exterior	Curb	Blue	Paint	Concrete		X	LCP 75 - 210 mg/kg
208	Maint. Shop	Roof	Exterior	Roofing system	White	Paint	Metal		X	<40 mg/kg
209	Maint. Shop	Roof	Exterior	Roofing system	White	Coating	Metal		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
210	Maint. Shop	1	Exterior	Walls	White	Paint/skim coat	Concrete block	X		ND
211	Maint. Shop	1	Exterior	Door frames, walls, window ledges	White	Caulking	Metal	X		ND
212	Maint. Shop	1	Exterior	Window frames	Black	Caulking	Metal	X		ND
213	Maint. Shop	1	Exterior	Window ledges	White	Paint/skim coat	Concrete	X		ND
214	Maint. Shop	1	Exterior	Ducting	Silver Yellow	Wrap Insulation	Metal	X		ND
215	Maint. Shop	Roof	Exterior	Roofing system	White	Caulking	Metal	X		ND
216	Maint. Shop	1	Restroom, Storage Room, Warehouse	Walls	Off-white	Paint	Concrete block		X	LCP 46 - 53 mg/kg
217	Maint. Shop	1	Restroom, Room 1, Storage Room, Warehouse	Underside of roof, walls	Lt. gray	Paint	Metal		X	LCP 2,300 - 2,400 mg/kg
218	Maint. Shop	1	Plenum, Restroom, Storage Room, Warehouse	Doors, door frames, I-beams, purlins, trim	Off-white	Paint	Metal		X	LBP 140,000 mg/kg
220	Maint. Shop	1	Storage, Warehouse	Floors, walls	White	Paint	Concrete		X	LCP <40 - 96 mg/kg
221	Maint. Shop	1	Storage, Warehouse	Floors	Yellow	Paint	Concrete		X	LBP 39,000 - 41,000 mg/kg
222	Maint. Shop	1	Storage, Warehouse	Columns, doors, door frames, I-beams, purlins	Beige	Paint	Metal		X	LBP 5,800 - 7,300 mg/kg
223	Maint. Shop	1	Storage, Warehouse	Electrical boxes	Dk. gray	Paint	Metal		X	LBP 2,800 - 11,000 mg/kg
224	Maint. Shop	1	Storage, Warehouse	Conduit	White	Paint	Metal		X	LCP 340 - 650 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
225	Maint. Shop	1	Warehouse	Floor	Gray	Paint	Concrete		X	LCP 83 - 93 mg/kg
226	Maint. Shop	1	Warehouse	Door, door frame	Off-white	Paint	Wood		X	LCP <40 - 40 mg/kg
227	Maint. Shop	1	Warehouse	Walls	White	Paint	Concrete block		X	LCP 110 mg/kg
228	Maint. Shop	1	Warehouse	Floor	Blue	Paint	Concrete		X	LCP 700 - 800 mg/kg
229	Maint. Shop	1	Restroom	Wall	Lt. pink	Paint	Concrete		X	LCP 86 - 110 mg/kg
230	Maint. Shop	1	Restroom 1, Room 1, Storage Room 1, Target Prep Room, Wash Room	Walls	Lt. beige	Paint	Concrete block		X	<40 mg/kg
231	Maint. Shop	1	Restroom 1, Room 1, Storage Room 1, Target Prep Room, Wash Room	Ceilings, walls	Lt. beige	Paint	Drywall		X	<40 mg/kg
232	Maint. Shop	1	Room 1	Wall	Beige	Paint	Drywall		X	<40 mg/kg
233	Maint. Shop	1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Doors, door frames	Beige	Paint	Wood		X	<40 mg/kg
234	Maint. Shop	1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Floors	Beige	Paint	Concrete		X	<40 mg/kg
235	Maint. Shop	1	Restroom, Warehouse	Walls	Off-white	Paint/skim coat	Concrete block	X		ND
236	Maint. Shop	1	Restrooms 1 and 2	Walls	Lt. gray	4" x 4" Ceramic tile Grout	Concrete block	X		ND

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
237	Maint. Shop	1	Restrooms 1 and 2	Floors	White	1" x 1" Ceramic tile Grout	Concrete	X		ND
238	Maint. Shop	1	Room 1, Storage Room 1, Wash Room	Window frames	White	Caulking	Metal	X		ND
239	Maint. Shop	1	Storage Room 1, Warehouse	Floor, walls	White	Paint/skim coat	Concrete	X		ND
240	Maint. Shop	1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Walls	Beige	Paint/skim coat	Concrete block	X		ND
241	Maint. Shop	1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Ceilings, walls	Beige over white	Drywall Joint compound	Concrete block	X		ND
242	Maint. Shop	1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Floors	Beige	Paint/skim coat	Concrete	X		ND
243	Maint. Shop	1	Room 1	Ceiling	White	2' x 4' Acoustic tile	None	X		ND
244	Maint. Shop	1	Plenum	Ducting	Silver Yellow	Wrap Insulation	Metal	X		ND
245	Maint. Shop	1	Plenum	Ceiling	White Yellow	Wrap Insulation	Metal	X		ND
246	Maint. Shop	1	Plenum	Wall	Brown Yellow	Wrap Insulation	Drywall	X		ND
247	Maint. Shop	1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Walls	Beige	Cove base Mastic	Concrete block	X		ND
21	Office	1	Office	Ceiling	White	Drywall	None	X		ND
22	Office	1	Office	Walls	Blue	Drywall	None	X		ND

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
23	Office	1	Office	Floor	Gray	12" x 12" Vinyl tile Mastic Leveling compound	Wood	X		ND
24	Office	1	Office	Walls	White	Cove base Mastic	Drywall	X		ND
25	Office	Roof	Exterior	Roofing system	Black	Built-up roofing	Wood	X		ND
80	Office	1	Office	Ceiling	White	Paint	Drywall		X	<40 mg/kg
81	Office	1	Office	Walls	Blue	Paint	Drywall		X	<40 mg/kg
82	Office	1	Office	Door frame	White	Paint	Wood		X	<40 mg/kg
83	Office	1	Exterior	Door	White	Paint	Metal		X	LCP 35 mg/kg
84	Office	1	Exterior	Ceiling, trim, walls, window frame	White	Paint	Wood		X	<40 mg/kg
66	Parking Lot	1	Exterior	Curb	Blue	Paint	Concrete		X	<40 mg/kg
67	Parking Lot	1	Exterior	Parking stall	Blue	Paint	Asphalt		X	<40 mg/kg
68	Parking Lot	1	Exterior	Parking stall	White	Paint	Asphalt		X	<40 mg/kg
69	Parking Lot	1	Exterior	Curb	Red	Paint	Concrete		X	<40 mg/kg
70	Parking Lot	1	Exterior	Curb	Yellow	Paint	Concrete		X	LBP 19,000 - 28,000 mg/kg
2	Small Sheds	1	Shed 2	Sink	White	Caulking	Wood	X		ND
41	Small Sheds	1	Sheds 1, 2, 3	Ceilings, walls	White	Paint	Wood		X	<40 mg/kg
42	Small Sheds	1	Shed 1	Door frames, trim, walls	Beige	Paint	Wood		X	<40 mg/kg
43	Small Sheds	1	Sheds 1 and 3	Walls	Blue	Paint	Wood		X	<40 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
44	Small Sheds	1	Exteriors of Sheds 1, 2, 3, 4	Roofing systems, walls	Beige	Paint	Metal		X	<40 mg/kg
45	Small Sheds	1	Exterior of Shed 1	Bench, door frame, window frame	Red	Paint	Wood		X	LCP <40 - 430 mg/kg
46	Small Sheds	1	Exteriors of Sheds 1, 2, 3, 4	Trim	Beige	Paint	Wood		X	<40 mg/kg
47	Small Sheds	Roof	Exteriors of Sheds 1, 2, 3, 4	Roofing systems	Green	Paint	Metal		X	LCP 52 - 61 mg/kg
77	Small Sheds	1	Exterior of Shed 2	Door, door frame	Black	Paint	Metal		X	LCP*
78	Small Sheds	1	Shed 4	Ceiling, walls	White	Paint	Wood		X	<40 mg/kg
79	Small Sheds	1	Shed 4	Walls	Aqua	Paint	Wood		X	<40 mg/kg
1	Wash Area Type 1	1	Exteriors of Wash 1, 2, 3	Walls	Beige	Textured paint Skim coat	Concrete block	X		ND
36	Wash Area Type 1	1	Exterior Wash Areas 1, 2, 3	Cabinets, dividers	Beige	Paint	Wood		X	LCP 91 - 340 mg/kg
37	Wash Area Type 1	1	Exterior Wash Areas 1, 2, 3	Ceilings	Green	Paint	Metal		X	<40 mg/kg
38	Wash Area Type 1	1	Exterior Wash Areas 1, 2, 3	Walls	Beige	Paint	Concrete block		X	<40 mg/kg
39	Wash Area Type 1	1	Exterior Wash Areas 1, 2, 3	Pipes, roofing systems	Beige	Paint	Metal		X	LBP <40 - 8,700 mg/kg
40	Wash Area Type 1	1	Exterior Wash Areas 1, 2, 3	Electrical boxes	Lt. blue	Paint	Metal		X	<37 - <39 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
3	Wash Area Type 2	1	Wash 4	Walls	Brown	Paint/skim coat	Concrete block	X		0.1%^
4	Wash Area Type 2	1	Wash 4	Walls	White	Paint/skim coat	Concrete block	X		0.2%^
5	Wash Area Type 2	1	Wash 4	Walls	White	Paint/skim coat	Concrete	X		0.1%^
48	Wash Area Type 2	1	Wash 4	Ceiling	White	Paint	Metal		X	LCP 3,000 mg/kg
49	Wash Area Type 2	1	Wash 4	Walls	Brown	Paint	Concrete block		X	LCP 1,600 - 2,600 mg/kg
50	Wash Area Type 2	1	Wash 4	Door, door frame	White	Paint	Wood		X	LBP 4,800 - 6,000 mg/kg
51	Wash Area Type 2	1	Wash 4	Walls	White	Paint	Concrete block		X	LCP 3,500 - 4,200 mg/kg
52	Wash Area Type 2	1	Wash 4	Divider	Beige	Paint	Wood		X	<40 mg/kg
53	Wash Area Type 2	1	Exterior of Wash 4	Wall	White	Paint	Concrete		X	LCP 3,600 - 3,900 mg/kg
54	Wash Area Type 2	1	Exterior of Wash 4	Wall	Green	Paint	Concrete		X	LCP 3,100 mg/kg
55	Wash Area Type 2	1	Exterior of Wash 4	Wall	Pink	Paint	Concrete		X	LBP 6,600 - 6,900 mg/kg

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
56	Wash Area Type 2	1	Exterior of Wash 4	Wall	Pink	Paint	Concrete block		X	LBP 4,800 - 5,200 mg/kg
143	Water Shed	1	Interior	Walls	White	Paint	Concrete block		X	<40 mg/kg
144	Water Shed	1	Interior	Ceiling, walls	White	Paint	Concrete		X	<40 mg/kg
145	Water Shed	1	Interior	Door, door frames, louvers, window frames	Pink	Paint	Metal		X	LCP 1,600 - 1,800 mg/kg
146	Water Shed	1	Interior	Walls	White	Plaster Skim coat	Concrete block	X		ND
147	Water Shed	1	Interior	Ceiling, walls	White	Paint/skim coat	Concrete	X		ND
148	Water Shed	1	Interior	Door frame, window frames	White	Caulking	Metal	X		ND
149	Water Shed	1	Exterior	Walls	White	Paint	Concrete block		X	LCP 530 - 580 mg/kg
150	Water Shed	1	Exterior	Ceiling, eaves, walls	White	Paint	Concrete		X	LCP 460 - 510 mg/kg
151	Water Shed	1	Exterior	Doors	Pink	Paint	Metal		X	LCP 250 - 1,900 mg/kg
152	Water Shed	1	Exterior	Door frame, flashing, louvers, window frames	Lt. green	Paint	Metal		X	LCP 2,000 mg/kg
153	Water Shed	1	Exterior	Window ledges	Lt. green	Paint	Concrete		X	LCP 900 - 1,000 mg/kg
154	Water Shed	1	Exterior	Walls	White	Paint/skim coat	Concrete block	X		0.1%^
155	Water Shed	1	Exterior	Ceiling, eaves, walls	White	Paint/skim coat	Concrete	X		<0.1%^
156	Water Shed	1	Exterior	Door frame, window frames	White	Caulking	Metal	X		0.1%^

Homogeneous Materials Identified and Sample Types Collected

HM ID	Area	Floor	Space(s)	Locations	Material Color	Material	Substrate	Asb	Pb	Result
157	Water Shed	Roof	Exterior	Roofing system	Black	Built-up roofing	Concrete	X		ND

* Material was not sampled because it is factory-applied paint. Assume lead-containing paint.

^ Indicates that one or more asbestos fibers were detected by the point count method. While the less than 1% asbestos is not a regulated material, OSHA considers the trace amount as a health concern.

Bold values indicate results above the reporting limit.

All asbestos found to be chrysotile.

Abbreviations and Acronyms

Asb - Asbestos

ACM - Asbestos-Containing Material

HM ID - Homogeneous Material Identifier

LBP - Lead-Based Paint $\geq 5,000$ mg/kg

LCP - Lead-Containing Paint $< 5,000$ mg/kg

mg/kg - milligrams per kilogram, equivalent to parts per million

ND - Not Detected

Pb - Lead

APPENDIX D: ANIMAL QUARANTINE STATION AREA DOCUMENTATION

List of Content	
D1 Administrative Building	
Asbestos Determination Table	D1-1 – D1-2
Asbestos Sample Locations	D1-3 – D1-6
Lead Determination Table	D1-7 – D1-9
Lead Sample and Hazardous Material Locations	D1-10 – D1-14
Photographs	D1-15 – D1-33
D2 Cattery Type 1 – 2	
Lead Determination Table	D2-1
Lead Sample and Hazardous Material Locations	D2-2 – D2-3
Photographs	D2-4 – D2-6
D3 Cottage	
Asbestos Determination Table	D3-1
Asbestos Sample Locations	D3-2
Lead Determination Table	D3-3
Lead Sample and Hazardous Material Locations	D3-4
Photographs	D3-5 – D3-9
D4 Duplex 1	
Asbestos Determination Table	D4-1
Asbestos Sample Locations	D4-2
Lead Determination Table	D4-3
Lead Sample and Hazardous Material Locations	D4-4
Photographs	D4-5 – D4-9
D5 Duplex 2	
Asbestos Determination Table	D5-1
Asbestos Sample Locations	D5-2
Lead Determination Table	D5-3
Lead Sample and Hazardous Material Locations	D5-4
Photographs	D5-5 – D5-10
D6 Electrical Sheds	
Asbestos Determination Table	D6-1
Asbestos Sample Locations	D6-2
Lead Determination Table	D6-3
Lead Sample and Hazardous Material Locations	D6-4
Photographs	D6-5 – D6-6
D7 Kennels Type 1 – 7	
Asbestos Determination Table	D7-1
Kennel Area Layout	D7-2

Asbestos Sample Locations	D7-3 – D7-9
Lead Determination Table	D7-10
Lead Sample and Hazardous Material Locations	D7-11 – D7-16
Photographs	D7-17 – D7-24
D8 Maintenance Shop	
Asbestos Determination Table	D8-1 – D8-2
Asbestos Sample Locations	D8-3 – D8-5
Lead Determination Table	D8-6 – D8-7
Lead Sample and Hazardous Material Locations	D8-8 – D8-14
Photographs	D8-15 – D8-31
D9 Office	
Asbestos Determination Table	D9-1
Asbestos Sample Locations	D9-2
Lead Determination Table	D9-3
Lead Sample and Hazardous Material Locations	D9-4
Photographs	D9-5 – D9-8
D10 Parking Lot	
Lead Determination Table	D10-1
Lead Sample and Hazardous Material Locations	D10-2
Photographs	D10-3 – D10-4
D11 Small Sheds	
Asbestos Determination Table	D11-1
Asbestos Sample Locations	D11-2
Lead Determination Table	D11-3
Lead Sample and Hazardous Material Locations	D11-4
Photographs	D11-5 – D11-8
D12 Wash Area Type 1 – 2	
Asbestos Determination Table	D12-1
Asbestos Sample Locations	D12-2 – D12-3
Lead Determination Table	D12-4
Lead Sample and Hazardous Material Locations	D12-5 – D12-6
Photographs	D12-7 – D12-12
D13 Water Shed	
Asbestos Determination Table	D13-1
Asbestos Sample Locations	D13-2
Lead Determination Table	D13-3
Lead Sample and Hazardous Material Locations	D13-4
Photographs	D13-5 – D13-9

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Administrative Building										
1	Boiler Room	6" Pipe	189	White	Wrap Insulation	Metal	ND	Fair	50	sq. ft.
1	Boiler Room	6" Pipe elbow	190	White	Vinyl wrap Insulation	Metal	ND	Fair	10	sq. ft.
1	Boiler Room, Break Room, Dispensary, Hallway, Janitor Room, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Offices 1, 2, 3, 4, 5, Storage Rooms 3, 5, 6, 7, Vet Rooms 1 and 2	Walls	160	White	Paint/skim coat	Concrete block	ND	Good	10,000	sq. ft.
1	Boiler Room, Hallway, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Storage Room 5	Walls	186	White	Textured paint Skim coat	Concrete	ND	Fair	2,000	sq. ft.
1	Boiler Room, Hallway, Women's Locker Room, Women's Restroom, Storage Room 5	4" Pipes	187	White	Wrap Insulation	Metal	ND	Fair	50	sq. ft.
1	Boiler Room, Women's Restroom	4" Pipe elbow	188	White	Wrap Insulation	Metal	ND	Fair	10	sq. ft.
1	Break Room, Dispensary, Kitchen, Men's and Women's Locker Rooms, Offices 1, 2, 3, 4, 5, Storage Rooms 1, 2, 4, 6, Vet Rooms 1 and 2	Ceilings	158	White	2' x 4' Acoustic tile	None	ND	Poor	8,000	sq. ft.
1	Break Room, Dispensary, Offices 1, 2, 3, Storage Rooms 1, 2, 3, Vet Rooms 1 and 2	Walls	159	White	Drywall Joint compound	None	ND	Fair	10,000	sq. ft.
1	Break Room, Dispensary, Offices 2, 3, 4, 5, Storage Rooms 1, 2, 3, 4, 5, Vet Rooms 1 and 2	Walls	162	Gray	Cove baseMastic	Wood	ND	Fair	3,000	sq. ft.
1	Break Room, Offices 1, 2, 3, 4, 5, Storage Rooms 1, 2, 3, 4, 6	Floors	164	Beige	12" x 12" Vinyl tile Mastic	Concrete	ND	Fair	8,000	sq. ft.
1	Dispensary	Floor	163	Tan	Linoleum Mastic	Concrete	ND	Fair	1,000	sq. ft.
1	Exterior	Ceiling, walls	26	Beige	Textured paint Skim coat	Concrete	ND	Good	10,000	sq. ft.
1	Exterior	Walls	27	Beige	Textured paint Skim coat	Concrete block	ND	Good	13,000	sq. ft.

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
1	Exterior	Ceiling	28	Silver	Wrap Insulation	Metal	ND	Good	10,000	sq. ft.
1	Exterior	Window frames	29	Black	Grout	Concrete	ND	Good	300	sq. ft.
1	Exterior	Door frame	30	White	Caulking Foam	Concrete	ND	Good	100	sq. ft.
1	Exterior	Window sill	100	Beige	Paint/foam Skim coat	Concrete	ND	Fair	1,000	sq. ft.
1	Men's and Women's Locker Rooms, Men's and Women's Restrooms	Floor, walls	191	White	2" x 2" Ceramic tile Thinset	None	ND	Fair	500	sq. ft.
1	Plenum	Ceiling	161	Silver	Wrap Insulation	Metal	ND	Good	10,000	sq. ft.
1	Stairwell	Floor	185	Gray	12" x 12" Vinyl tile Mastic	Concrete	ND	Good	100	sq. ft.
1	Storage Room 4	Wall	165	Beige	Drywall Joint compound	None	ND	Fair	30	sq. ft.
2	Offices 1 and 2	Ceilings	166	White	2' x 4' Acoustic tile	None	ND	Poor	800	sq. ft.
2	Offices 1 and 2	Walls	167	White	Drywall Joint compound	None	ND	Good	300	sq. ft.
2	Offices 1 and 2	Walls	168	White	Textured paint Skim coat	Concrete block	ND	Good	1,000	sq. ft.
2	Offices 1 and 2	Walls	169	Gray	Cove base Mastic	Concrete	ND	Fair	200	sq. ft.
2	Offices 1 and 2	Floors	170	Beige	12" x 12" Vinyl tile Mastic	Concrete	ND	Poor	1,000	sq. ft.
Roof	Exterior	Roofing system	196	White	Coating	Metal	ND	Good	10,000	sq. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. The binding of the material has decreased integrity as indicated by peeling, cracking, or crumbling of the material.

Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier

ln. ft. – Linear Feet

ND – Not Detected

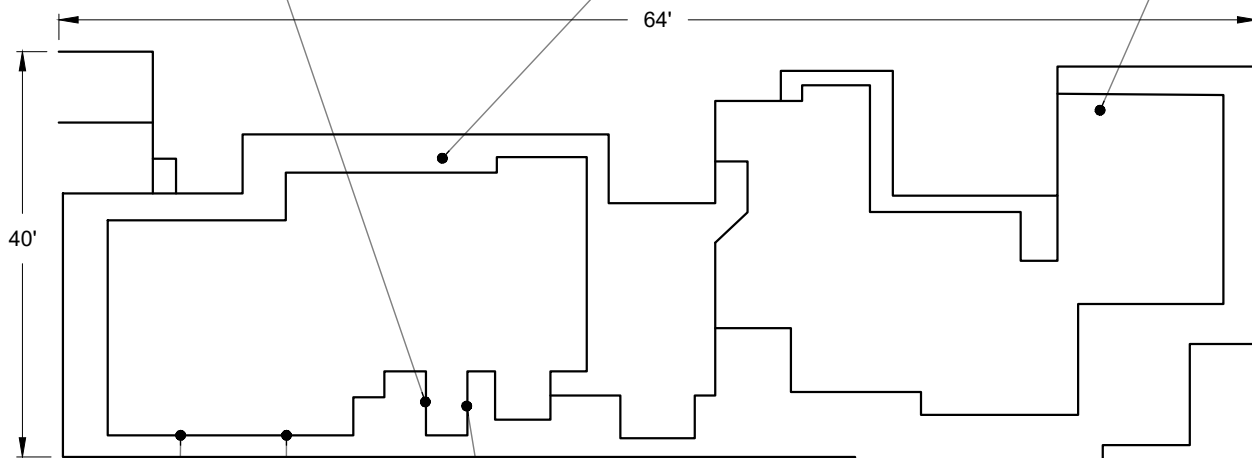
sq. ft. – Square Feet

2819-B-A27A-Textured paint: ND
 2819-B-A27B-Textured paint: ND
 2819-B-A27C-Textured paint: ND
 2819-B-A27C-Skim coat: ND
 HM ID: 27 (Beige paint and skim coat on concrete block wall)

Administration Building

2819-B-A52A: ND
 2819-B-A52B: ND
 2819-B-A52C: ND
 HM ID: 196 (White coating on metal roofing system)

2819-B-A28A-Wrap: ND
 2819-B-A28A-Insulation: ND
 2819-B-A28B-Wrap: ND
 2819-B-A28B-Insulation: ND
 2819-B-A28C-Wrap: ND
 2819-B-A28C-Insulation: ND
 HM ID: 28 (Silver wrap and insulation on metal ceiling)

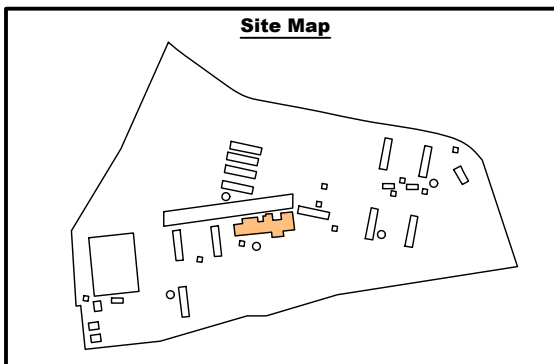


2819-B-A29A: ND
 2819-B-A29B: ND
 2819-B-A29C: ND
 HM ID: 29 (Black grout on concrete window frame)

2819-B-A26A-Textured paint: ND
 2819-B-A26B-Textured paint: ND
 2819-B-A26C-Textured paint: ND
 2819-B-A26C-Skim coat: ND
 HM ID: 26 (Beige paint and skim coat on concrete wall)

2819-B-A31A-Paint/foam: ND
 2819-B-A31A-Skim coat: ND
 2819-B-A31B-Paint: ND
 2819-B-A31B-Skim coat: ND
 2819-B-A31C-Textured paint: ND
 2819-B-A31C-Skim coat: ND
 HM ID: 100 (Beige paint and skim coat on concrete window sill)

2819-B-A30A-Caulk: ND
 2819-B-A30A-Foam: ND
 2819-B-A30B: ND
 2819-B-A30C: ND
 HM ID: 30 (White grout on concrete door frame)



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Sheet Number

D1 - 3

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Administration Building
 Exterior

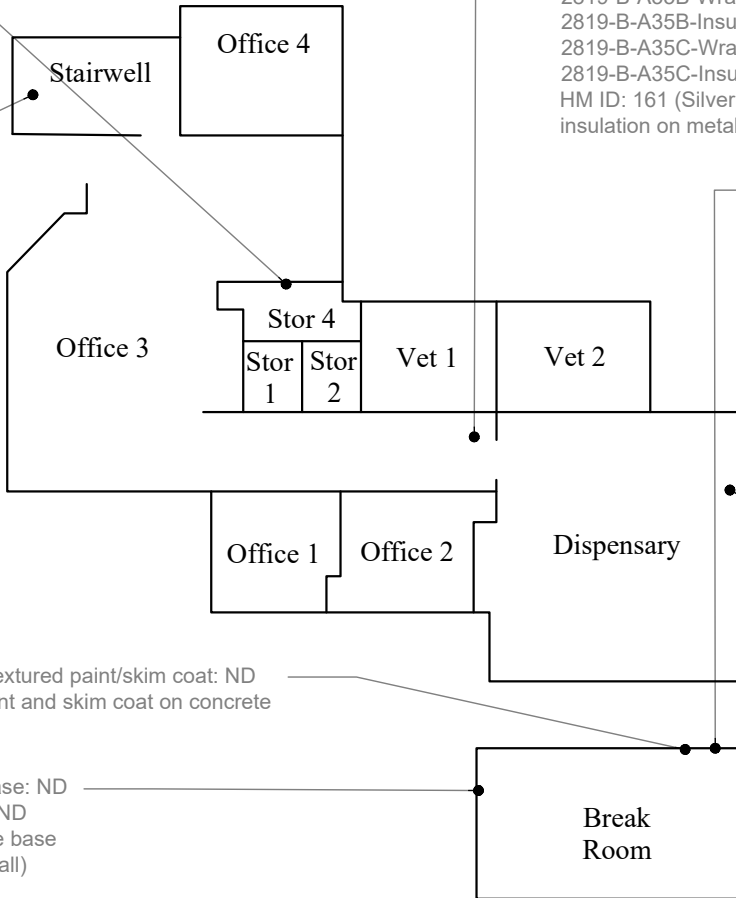
2819-B-A39A: ND
 2819-B-A39B-Drywall: ND
 2819-B-A39B-Joint compound: ND
 2819-B-A39C-Drywall: ND
 2819-B-A39C-Joint compound: ND
 HM ID: 165 (Beige drywall and joint compound on wall)

2819-B-A51A-Vinyl tile: ND
 2819-B-A51A-Mastic: ND
 2819-B-A51B-Vinyl tile: ND
 2819-B-A51B-Mastic: ND
 2819-B-A51C-Vinyl tile: ND
 2819-B-A51C-Mastic: ND
 HM ID: 185 (Gray 12" x 12" vinyl tile with mastic on concrete floor)

2819-B-A34A-Comp textured paint/skim coat: ND
 HM ID: 160 (White paint and skim coat on concrete block wall)

2819-B-A36A-Cove base: ND
 2819-B-A36A-Mastic: ND
 HM ID: 162 (Gray cove base and mastic on wood wall)

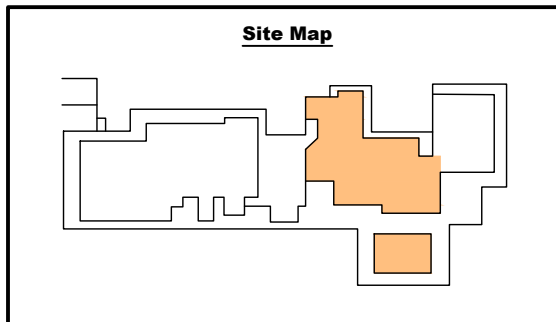
Administration Building



2819-B-A35A-Wrap: ND
 2819-B-A35A-Insulation: ND
 2819-B-A35B-Wrap: ND
 2819-B-A35B-Insulation: ND
 2819-B-A35C-Wrap: ND
 2819-B-A35C-Insulation: ND
 HM ID: 161 (Silver wrap and insulation on metal ceiling)

2819-B-A33A: ND
 2819-B-A33B-Drywall: ND
 2819-B-A33B-Joint compound: ND
 2819-B-A33C: ND
 HM ID: 159 (White drywall and joint compound on wall)

2819-B-A37A-Linoleum: ND
 2819-B-A37A-Mastic: ND
 2819-B-A37B-Linoleum: ND
 2819-B-A37B-Mastic: ND
 2819-B-A37C-Linoleum: ND
 2819-B-A37C-Mastic: ND
 HM ID: 163 (Tan linoleum and mastic on concrete floor)



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Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Administration Building
 First Floor Interior 1 of 2

Sheet Number
 D1 - 4

2819-B-A36B-Cove base: ND
 2819-B-A36B-Mastic: ND
 2819-B-A36C-Cove base: ND
 2819-B-A36C-Mastic: ND
 HM ID: 162 (Gray cove base and mastic on wood wall)

2819-B-A38A-Vinyl tile: ND
 2819-B-A38A-Mastic: ND
 2819-B-A38B-Vinyl tile: ND
 2819-B-A38B-Mastic: ND
 2819-B-A38C-Vinyl tile: ND
 2819-B-A38C-Mastic: ND
 HM ID: 164 (Beige 12" x 12" vinyl tile with mastic on concrete floor)

2819-B-A45A-Textured paint: ND
 2819-B-A45A-Skim coat: ND
 2819-B-A45B-Textured paint: ND
 2819-B-A45B-Skim coat: ND
 2819-B-A45C-Textured paint: ND
 2819-B-A45C-Skim coat: ND
 HM ID: 186 (White textured paint and skim coat on concrete wall)

2819-B-A48A-Wrap: ND
 2819-B-A48A-Insulation: ND
 2819-B-A48B-Wrap: ND
 2819-B-A48B-Insulation: ND
 2819-B-A48C-Wrap: ND
 2819-B-A48C-Insulation: ND
 HM ID: 189 (White wrap and insulation on metal 6" pipe)

2819-B-A34B-Comp textured paint/skim coat: ND
 2819-B-A34C-Comp textured paint/skim coat: ND
 HM ID: 160 (White paint and skim coat on concrete block wall)

Administration Building

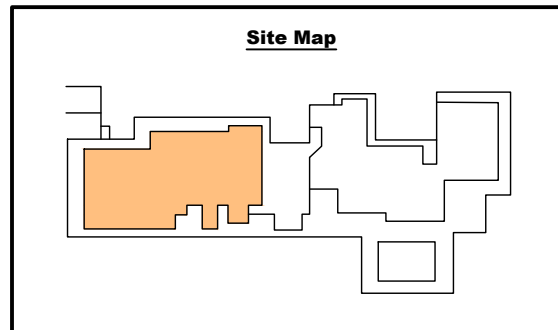
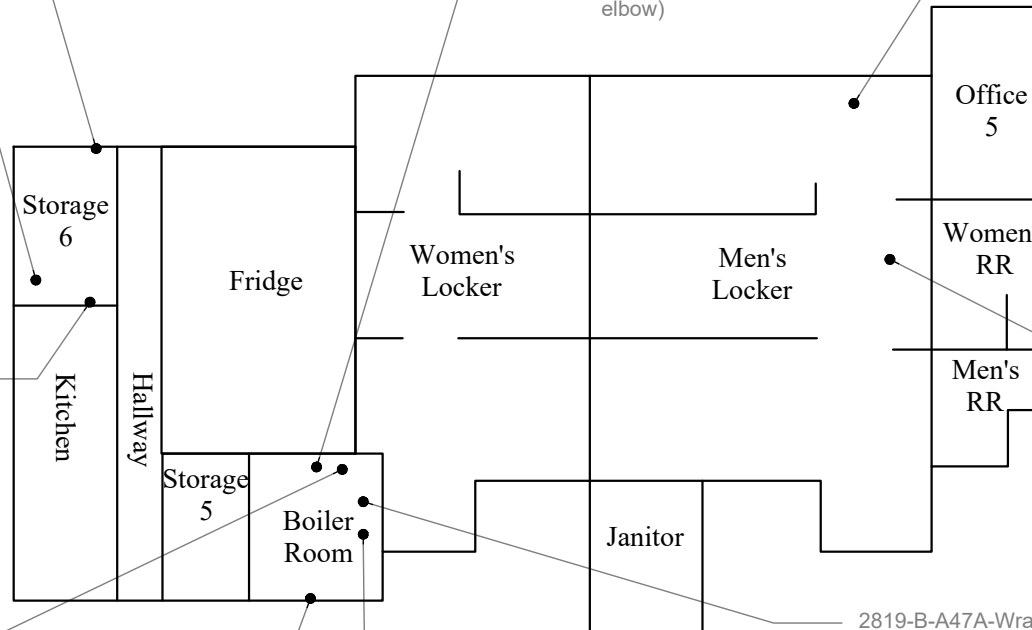
2819-B-A49A-Vinyl wrap: ND
 2819-B-A49A-Insulation: ND
 2819-B-A49B-Vinyl wrap: ND
 2819-B-A49B-Insulation: ND
 2819-B-A49C-Vinyl wrap: ND
 2819-B-A49C-Insulation: ND
 HM ID: 190 (White vinyl wrap and insulation on metal 6" pipe elbow)

2819-B-A50A-Ceramic tile: ND
 2819-B-A50A-Thinset: ND
 2819-B-A50A-Mortar: ND
 2819-B-A50A-Texture: ND
 2819-B-A50B-Ceramic tile: ND
 2819-B-A50B-Thinset: ND
 2819-B-A50B-Mortar: ND
 2819-B-A50B-Grout: ND
 2819-B-A50B-Texture: ND
 2819-B-A50C-Ceramic tile: ND
 2819-B-A50C-Thinset: ND
 2819-B-A50C-Mortar: ND
 2819-B-A50C-Grout: ND
 HM ID: 191 (White 2" x 2" ceramic tile and thin set on floor)

2819-B-A32A: ND
 2819-B-A32B: ND
 2819-B-A32C: ND
 HM ID: 158 (White 2' x 4' acoustic tile on ceiling)

2819-B-A47A-Wrap: ND
 2819-B-A47A-Insulation: ND
 2819-B-A47B-Wrap: ND
 2819-B-A47B-Insulation: ND
 2819-B-A47C-Wrap: ND
 2819-B-A47C-Insulation: ND
 HM ID: 188 (White wrap and insulation on metal 4" pipe elbow)

2819-B-A46A-Wrap: ND
 2819-B-A46A-Insulation: ND
 2819-B-A46B-Wrap: ND
 2819-B-A46B-Insulation: ND
 2819-B-A46C-Wrap: ND
 2819-B-A46C-Insulation: ND
 HM ID: 187 (White wrap and insulation on metal 4" pipe)



Myounghee Noh & Associates, L.L.C.

Sheet Number

D1 - 5

Legend and Notes

HM ID - Homogeneous Material Identifier

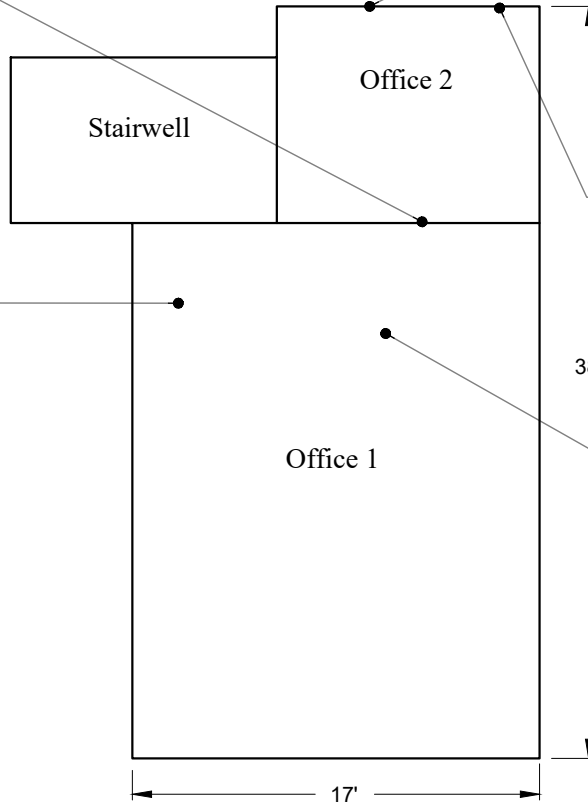
ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Administration Building
 First Floor Interior 2 of 2

**Administration
Building**

2819-B-A41A-Drywall: ND
 2819-B-A41A-Joint compound: ND
 2819-B-A41B-Drywall: ND
 2819-B-A41B-Joint compound: ND
 2819-B-A41C-Drywall: ND
 2819-B-A41C-Joint compound: ND
 HM ID: 167 (White drywall and joint compound on wall)

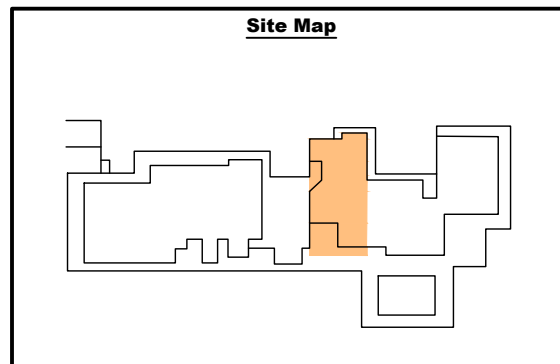
2819-B-A44A-Vinyl tile: ND
 2819-B-A44A-Mastic: ND
 2819-B-A44B-Vinyl tile: ND
 2819-B-A44B-Mastic: ND
 2819-B-A44C-Vinyl tile: ND
 2819-B-A44C-Mastic: ND
 HM ID: 170 (Beige 12" x 12" vinyl tile with mastic on concrete floor)



2819-B-A43A-Cove base: ND
 2819-B-A43A-Mastic 1: ND
 2819-B-A43A-Mastic 2: ND
 2819-B-A43B-Cove base: ND
 2819-B-A43B-Mastic: ND
 2819-B-A43C-Cove base: ND
 2819-B-A43C-Mastic: ND
 HM ID: 169 (Gray cove base and mastic on concrete wall)

2819-B-A42A-Textured paint: ND
 2819-B-A42A-Skim coat: ND
 2819-B-A42B-Textured paint: ND
 2819-B-A42B-Skim coat: ND
 2819-B-A42C-Comp textured paint/skim coat: ND
 HM ID: 168 White textured paint and skim coat on concrete block wall)

2819-B-A40A: ND
 2819-B-A40B: ND
 2819-B-A40C: ND
 HM ID: 166 (White 2' x 4' acoustic tile on ceiling)



Myounghee Noh & Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Administration Building
 Second Floor Interior

Sheet Number
 D1 - 6

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Administrative Building										
1	Exterior	85	Beams, conduit, doors, door frames, electrical box, gates, railing	Beige	Paint	Metal	<40 mg/kg	Fair	10,000	sq. ft.
1	Exterior	86	Ceiling, walls	Beige	Paint	Textured concrete	<40 mg/kg	Good	10,000	sq. ft.
1	Exterior	87	Walls	Beige	Paint	Concrete block	<40 mg/kg	Good	13,000	sq. ft.
1	Exterior	88	Gutter, screen	Tan	Paint	Metal	<33 - <55 mg/kg	Good	2,000	sq. ft.
1	Exterior	89	Door, door frame, window frames	Black	Paint	Metal	LCP*	Good	3,000	sq. ft.
1	Exterior	90	Corner cover station, poles	Yellow	Paint	Metal	LCP 530 - 550 mg/kg	Fair	200	sq. ft.
1	Exterior	91	Railing	White	Paint	Metal	LCP 490 - 500 mg/kg	Poor	40	sq. ft.
1	Exterior	92	Window sill	Beige	Paint	Concrete	<40 mg/kg	Fair	1,000	sq. ft.
1	Exterior	94	Railing	Black	Paint	Metal	LCP <34 - 160 mg/kg	Fair	30	sq. ft.
1	Exterior	95	Wall	White	Paint	Concrete block	<40 mg/kg	Fair	50	sq. ft.
1	Exterior	96	Stairs	White	Paint	Concrete	<40 mg/kg	Fair	50	sq. ft.
1	Break Room, Dispensary, Offices 1, 2, 3, Storage Rooms 1, 2, 3, Vet Rooms 1 and 2	171	Walls	White	Paint	Drywall	<40 mg/kg	Fair	10,000	sq. ft.
1	Boiler Room, Break Room, Dispensary, Hallway, Janitor Room, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Offices 1, 2, 3, 4, 5, Storage Rooms 3, 5, 6, 7, Vet Rooms 1 and 2	172	Walls	White	Paint	Concrete block	<40 mg/kg	Good	10,000	sq. ft.

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
1	Dispensary	173	Wall	Gray	Paint	Concrete block	<40 mg/kg	Good	300	sq. ft.
1	Dispensary	174	Door, door frame	Gray	Paint	Metal	<40 mg/kg	Fair	30	sq. ft.
1	Offices 1, 2, 4, Storage Room 5, Vet Rooms 1 and 2	175	Doors, door frames, window frames	White	Paint	Wood	<40 mg/kg	Good	50	sq. ft.
1	Men's and Women's Locker Rooms, Office 4, Stairwell, Vet Rooms 1 and 2	176	Doors, door frames	White	Paint	Metal	<40 mg/kg	Good	100	sq. ft.
1	Break Room, Hallway, Janitor Room, Office 3, Storage Rooms 1, 2, 3, 4, 6, 7, Women's Restroom	177	Conduit, doors, door frames, electrical panel, pipes	Beige	Paint	Metal	<40 mg/kg	Fair	1,000	sq. ft.
1	Hallway, Office 3, Storage Rooms 1, 2, 3, 4	178	Doors, door frames	Beige	Paint	Wood	<40 mg/kg	Fair	30	sq. ft.
1	Storage Room 4	179	Wall	Beige	Paint	Drywall	<40 mg/kg	Fair	30	sq. ft.
2	Offices 1 and 2	180	Walls	White	Paint	Drywall	<40 mg/kg	Good	300	sq. ft.
2	Offices 1 and 2	181	Walls	White	Paint	Concrete block	<40 mg/kg	Good	1,000	sq. ft.
2	Offices 1 and 2	182	Door frames	White	Paint	Metal	<40 mg/kg	Good	20	sq. ft.
2	Offices 1 and 2	183	Doors, door frames	White	Paint	Wood	<40 mg/kg	Good	30	sq. ft.
2	Office 1	184	Door	Black	Paint	Metal	LCP*	Good	10	sq. ft.
1	Boiler Room, Hallway, Kitchen, Men's and Women's Locker Rooms, Men's and Women's Restrooms, Storage Room 5	192	Walls	White	Textured paint	Concrete	<40 mg/kg	Fair	2,000	sq. ft.
1	Men's and Women's Locker Rooms	193	Floors	Gray	Textured paint	Concrete	<40 mg/kg	Poor	2,000	sq. ft.

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Roof	Exterior	194	Roofing system	White	Coating	Metal	<40 mg/kg	Good	10,000	sq. ft.
Roof	Exterior	195	Roofing system	Beige	Paint	Metal	LCP 82 - 88 mg/kg	Good	10,000	sq. ft.

Bold values indicate results above the reporting limit.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

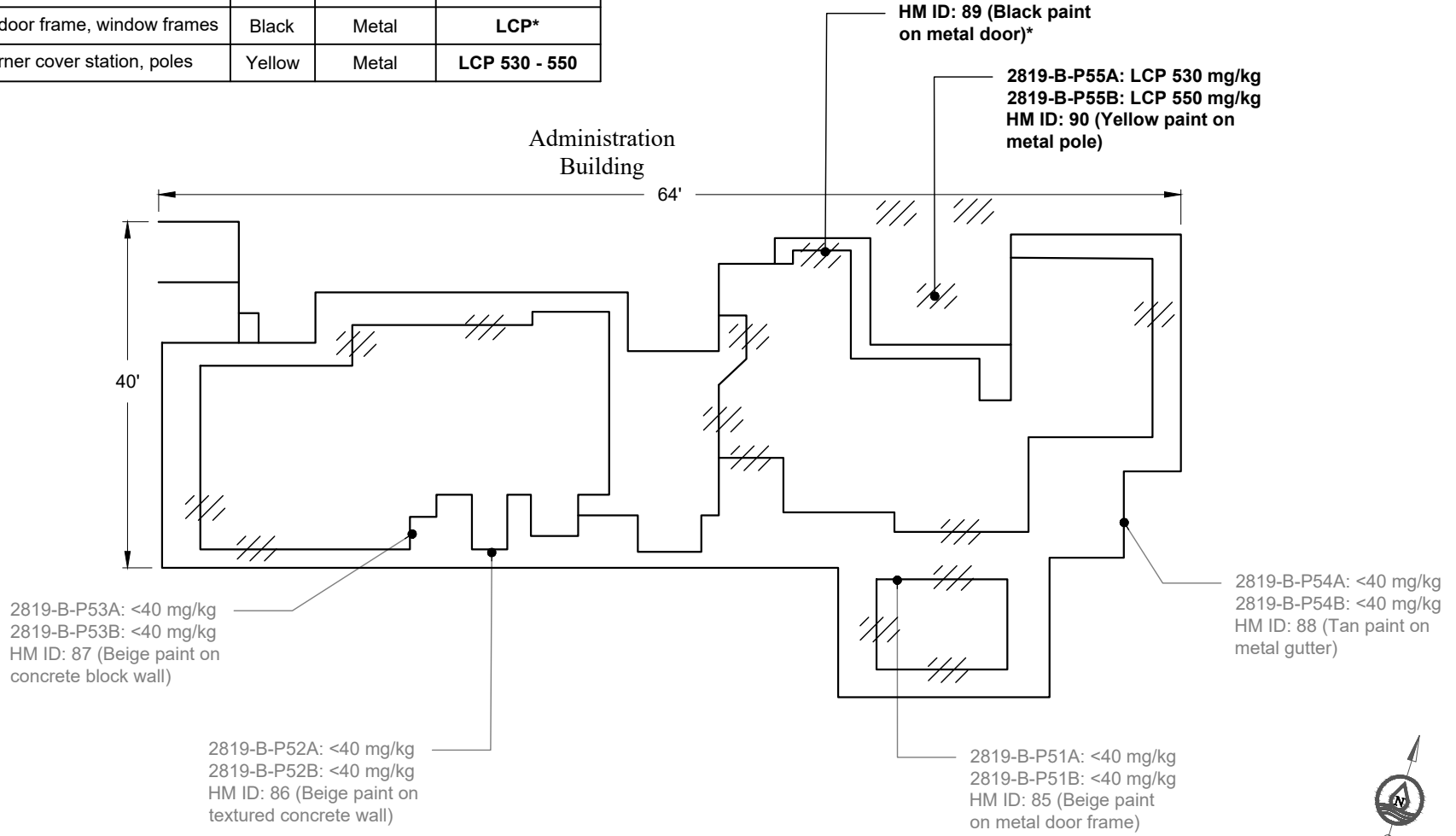
LCP – Lead-Containing Paint, <5,000 mg/kg

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
89	Door, door frame, window frames	Black	Metal	LCP*
90	Corner cover station, poles	Yellow	Metal	LCP 530 - 550



Legend and Notes

/// Visual Extent of Lead-Containing Paint

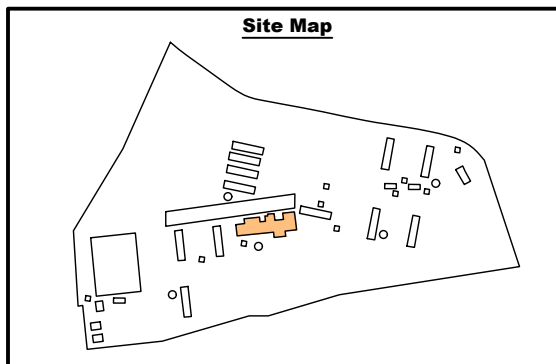
* Material was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed lead-containing paint or results above the detection limit.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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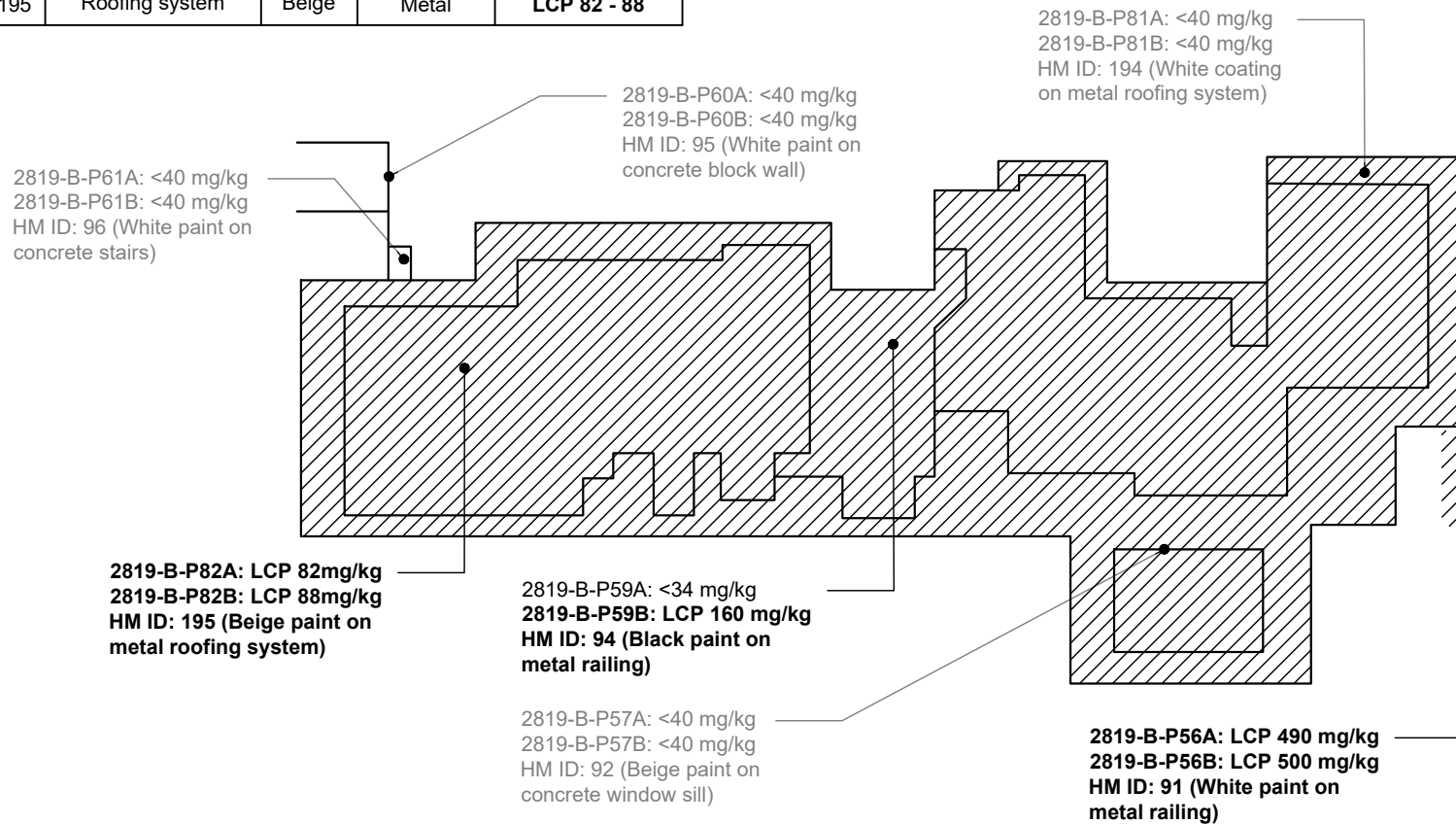
Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Administration Building Exterior 1 of 2

Sheet Number

D1 - 10

HM ID	Locations	Color	Substrate	Results (mg/kg)
91	Railing	White	Metal	LCP 490 - 500
94	Railing	Black	Metal	LCP <34 - 160
195	Roofing system	Beige	Metal	LCP 82 - 88

Administration Building



Legend and Notes

Visual Extent of Lead-Containing Paint

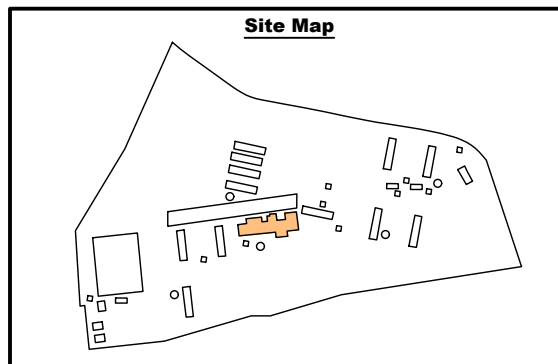
* Material was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed lead-containing paint or results above the detection limit.

HM ID - Hazardous Material Identifier

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mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



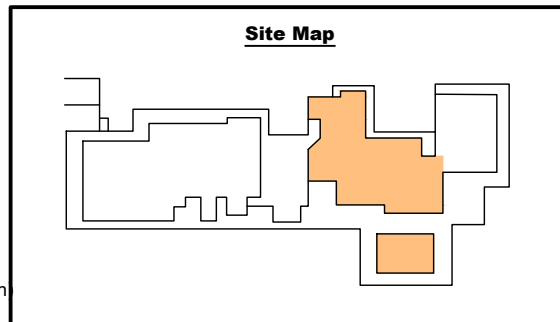
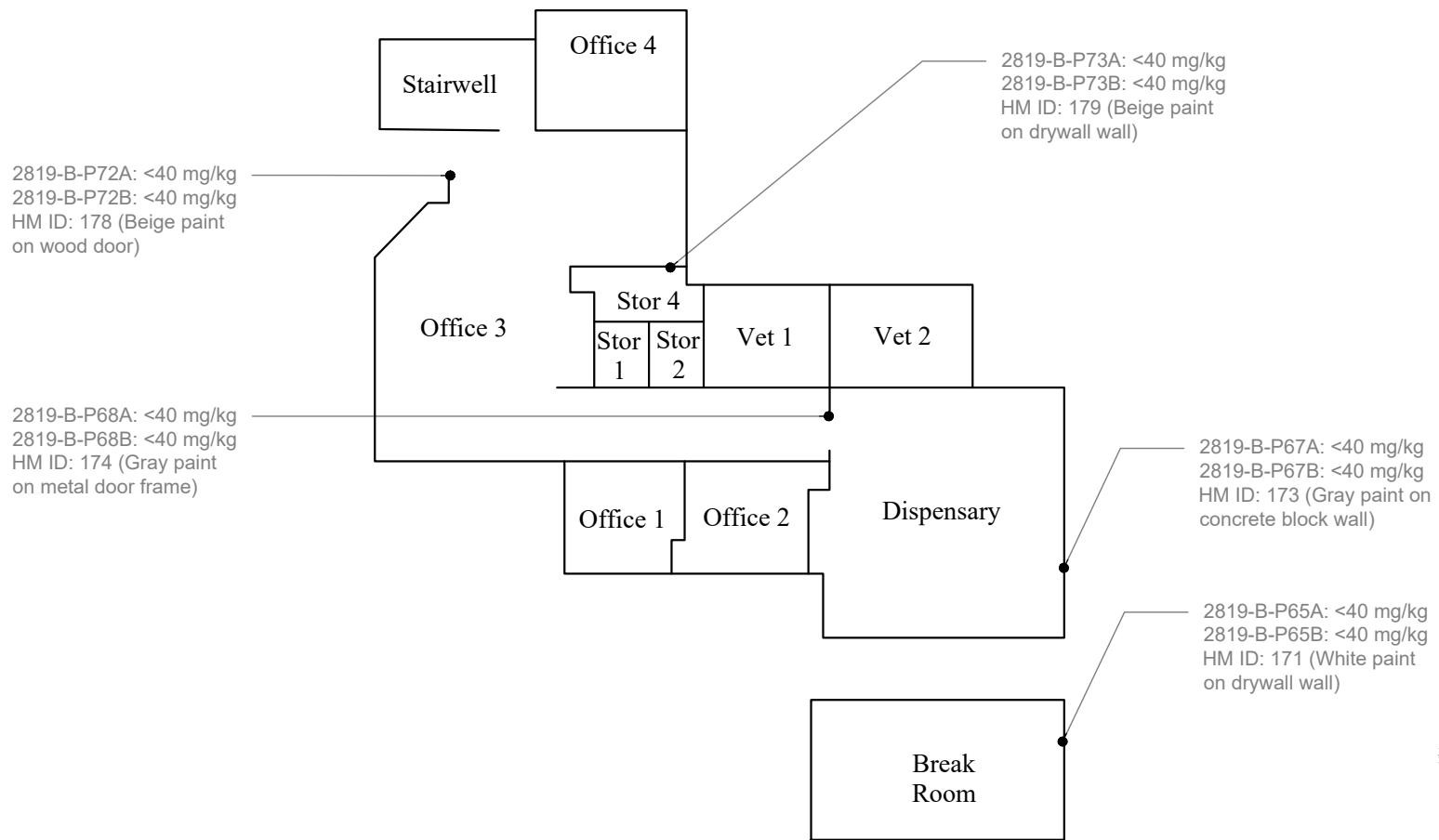
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Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Administration Building Exterior 2 of 2

Sheet Number

D1 - 11

Administration Building



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Legend and Notes

HM ID - Hazardous Material Identifier
mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)

Lead Sample Locations
Animal Quarantine Station Site
Administration Building
First Floor Interior 1 of 2

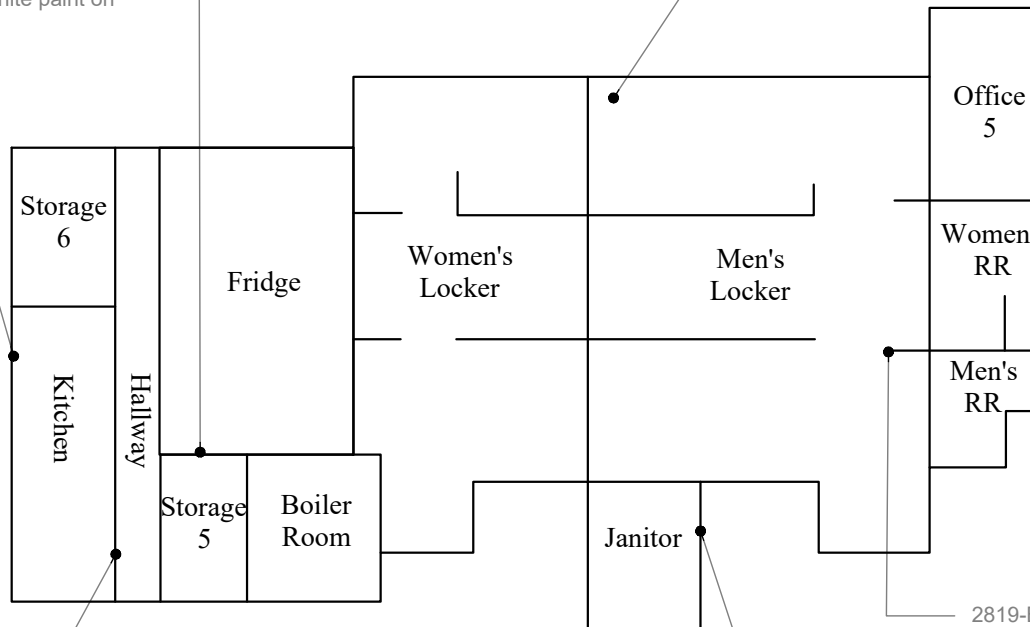
Sheet Number
D1 - 12

Administration Building

2819-B-P80A: <40 mg/kg
 2819-B-P80B: <40 mg/kg
 HM ID: 193 (Gray textured paint on concrete floor)

2819-B-P69A: <40 mg/kg
 2819-B-P69B: <40 mg/kg
 HM ID: 175 (White paint on wood door)

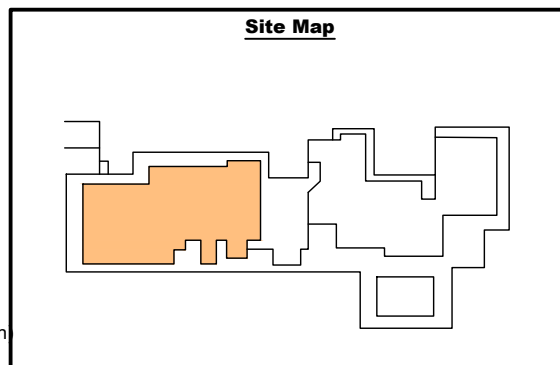
2819-B-P66A: <40 mg/kg
 2819-B-P66B: <40 mg/kg
 HM ID: 172 (White paint on concrete block wall)



2819-B-P79A: <40 mg/kg
 2819-B-P79B: <40 mg/kg
 HM ID: 192 (White textured paint on concrete wall)

2819-B-P70A: <40 mg/kg
 2819-B-P70B: <40 mg/kg
 HM ID: 176 (White paint on metal door)

2819-B-P71A: <40 mg/kg
 2819-B-P71B: <40 mg/kg
 HM ID: 177 (Beige paint on metal conduit)



Legend and Notes

HM ID - Hazardous Material Identifier
 mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



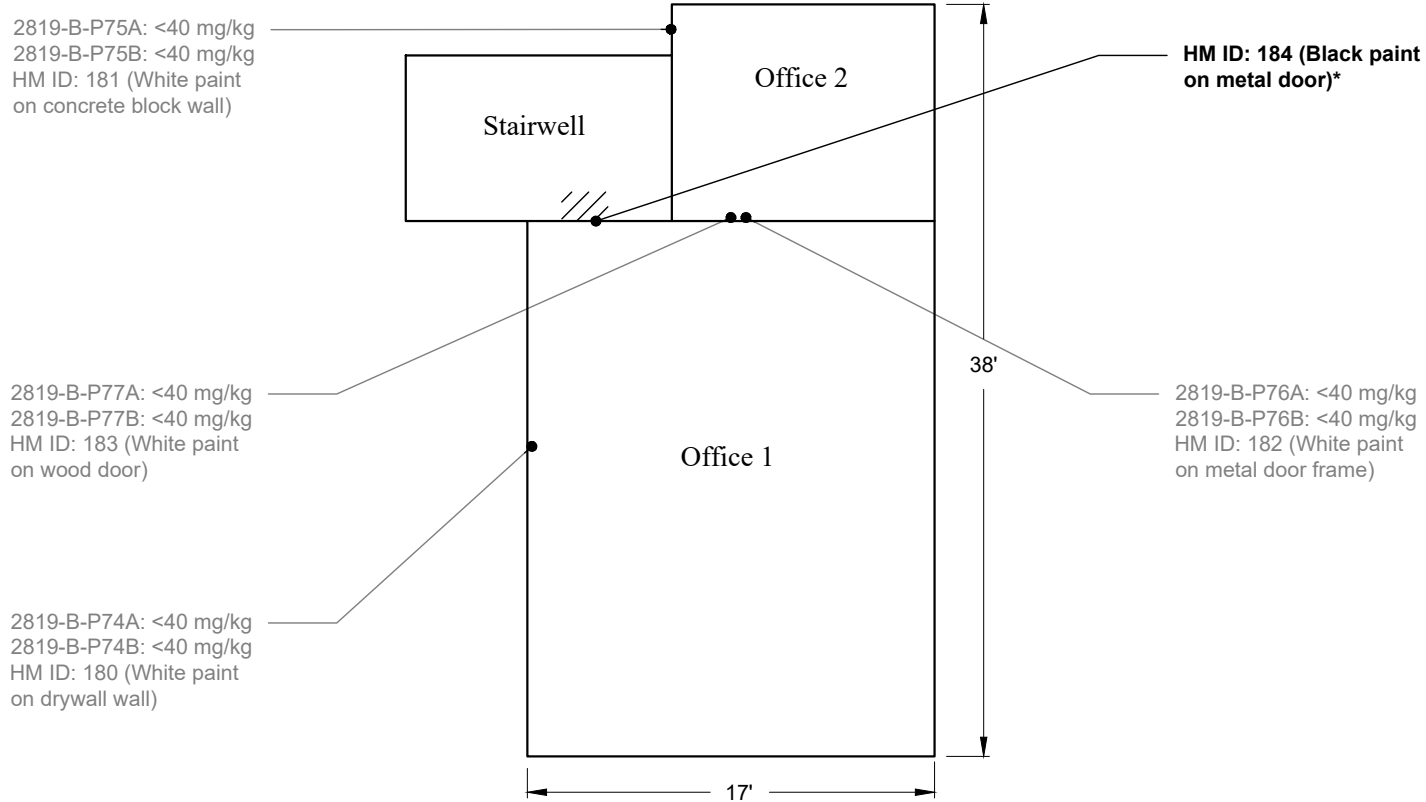
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Lead Sample Locations
 Animal Quarantine Station Site
 Administration Building
 First Floor Interior 2 of 2

Sheet Number
 D1 - 13

HM ID	Locations	Color	Substrate	Results (mg/kg)
184	Door	Black	Metal	LCP*

Administration Building



Legend and Notes

/// Visual Extent of Assumed Lead-Containing Paint

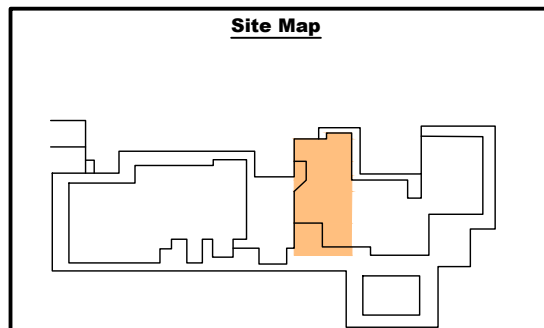
* Material was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed lead-containing paint.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Administration Building Second Floor Interior

Sheet Number
D1 - 14

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 27
Admin Building
Floor 1

Exterior
Beige textured paint and skim coat on concrete block wall.

Non-ACM

2819-B-A27A-Texture paint: ND
2819-B-A27B-Texture paint: ND
2819-B-A27C-Texture paint: ND
2919-B-A27C-Skim coat: ND



HM ID: 28
Admin Building
Floor 1

Exterior
Silver thermal system insulation on metal ceiling.

Non-ACM

2819-B-A28A-Wrap: ND
2819-B-A28A-Insulation: ND
2819-B-A28B-Wrap: ND
2819-B-A28B-Insulation: ND
2819-B-A28C-Wrap: ND
2819-B-A28C-Insulation: ND



HM ID: 29
Admin Building
Floor 1

Exterior
Black grout on concrete window frame.

Non-ACM

2819-B-A29A: ND
2819-B-A29B: ND
2819-B-A29C: ND



HM ID: 30
Admin Building
Floor 1

Exterior
White foam and caulking on concrete door frame.

Non-ACM

2819-B-A30A-Caulk like: ND
2819-B-A30A-Foam: ND
2819-B-A30B: ND
2819-B-A30C: ND



HM ID: 26
Admin Building
Floor 1

Exterior
Beige textured paint and skim coat on concrete ceiling.

Non-ACM

2819-B-A26A-Skim coat: ND
2819-B-A26A-Texture paint: ND
2819-B-A26B-Skim coat: ND
2819-B-A26B-Texture paint: ND
2819-B-A26C-Skim coat: ND



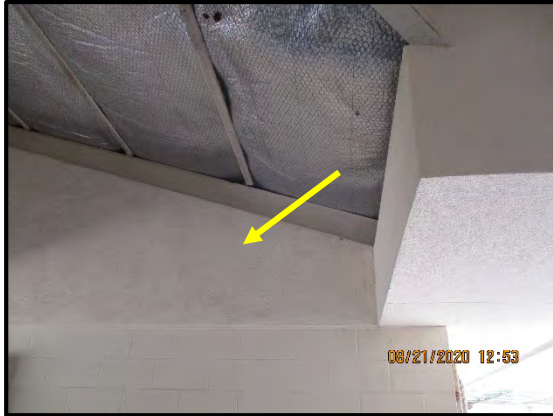
HM ID: 85
Admin Building
Floor 1

Exterior
Beige paint on metal beam.

Non-LCP

2819-B-P51A: <40 mg/kg
2819-B-P51B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 86
Admin Building
Floor 1

Exterior
Beige paint on textured concrete ceiling.

Non-LCP
2819-B-P52A: <40 mg/kg
2819-B-P52B: <40 mg/kg



HM ID: 87
Admin Building
Floor 1

Exterior
Beige paint on concrete block wall.

Non-LCP
2819-B-P53A: <40 mg/kg
2819-B-P53B: <40 mg/kg



HM ID: 88
Admin Building
Floor 1

Exterior
Tan paint on metal gutter.

Non-LCP
2819-B-P54A: <33 mg/kg
2819-B-P54B: <55 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 89
Admin Building
Floor 1
Exterior
Black paint on metal door.
**Assumed LCP
(Baked on paint)**



HM ID: 90
Admin Building
Floor 1
Exterior
Yellow paint on pole.
LCP
2819-B-P55A: 530 mg/kg
2819-B-P55B: 550 mg/kg



HM ID: 91
Admin Building
Floor 1
Exterior
White paint on metal railing.
LCP
2819-B-P56A: 490 mg/kg
2819-B-P56B: 500 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 92
Admin Building
Floor 1

Exterior
Beige paint on concrete windowsill.

Non-LCP
2819-B-P57A: <40 mg/kg
2819-B-P57B: <40 mg/kg



HM ID: 94
Admin Building
Floor 1

Exterior
Black paint on metal railing.

LCP
2819-B-P59A: 160 mg/kg
2819-B-P59B: <34 mg/kg



HM ID: 95
Admin Building
Floor 1

Exterior
White paint on concrete block wall.

Non-LCP
2819-B-P60A: <40 mg/kg
2819-B-P60B: <40 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 96
Admin Building
Floor 1

Exterior
White paint on concrete stairs.

Non-LCP
2819-B-P61A: <40 mg/kg
2819-B-P61B: <40 mg/kg



HM ID: 100
Admin Building
Floor 1

Exterior
Beige paint and skim coat on concrete windowsill.

Non-ACM
2819-B-A32A: ND
2819-B-A32B: ND
2819-B-A32C: ND



HM ID: 158
Admin Building
Floor 1

Kitchen
White 2' x 4' acoustic tile ceiling.

Non-ACM
2819-B-A32A: ND
2819-B-A32B: ND
2819-B-A32C: ND



HM ID: 159
Admin Building
Floor 1

Break Room
White drywall wall.

Non-ACM

2819-B-A33A: ND
2819-B-A33B-Drywall: ND
2819-B-A33B-Joint Compound: ND
2819-B-A33C: ND



HM ID: 160
Admin Building
Floor 1

Kitchen
White paint and skim coat on concrete block wall.

Non-ACM

2819-B-A34A-Comp Texture paint/Skim coat: ND
2819-B-A34B-Comp Texture paint/Skim coat: ND
2819-B-A34C-Comp Texture paint/Skim coat: ND



HM ID: 161
Admin Building
Floor 1

Plenum
Silver thermal system insulation on metal ceiling.

Non-ACM

2819-B-A35A-Wrap: ND
2819-B-A35A-Insulation: ND
2819-B-A35B-Wrap: ND
2819-B-A35B-Insulation: ND
2819-B-A35C-Wrap: ND
2819-B-A35C-Insulation: ND



HM ID: 162
Admin Building
Floor 1

Break Room
Gray cove base on wood wall.

Non-ACM
2819-B-A36A-Cove base: ND
2819-B-A36A-Mastic: ND
2819-B-A36B-Cove base: ND
2819-B-A36B-Mastic: ND
2819-B-A36C-Cove base: ND
2819-B-A36C-Mastic: ND



HM ID: 163
Admin Building
Floor 1

Dispensary
Tan linoleum and mastic on concrete floor.

Non-ACM
2819-B-A37A-Linoleum: ND
2819-B-A37A-Mastic: ND
2819-B-A37B-Linoleum: ND
2819-B-A37B-Mastic: ND
2819-B-A37C-Linoleum: ND
2819-B-A37C-Mastic: ND



HM ID: 164
Admin Building
Floor 1

Break Room
Beige 12" x 12" vinyl tile and mastic on concrete floor.

Non-ACM
2819-B-A38A-Vinyl floor tile: ND
2819-B-A38A-Mastic: ND
2819-B-A38B-Vinyl floor tile: ND
2819-B-A38B-Mastic: ND
2819-B-A38C-Vinyl floor tile: ND
2819-B-A38C-Mastic: ND

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 165
Admin Building
Floor 1

Storage Room 4
Beige drywall and joint compound on wall.

Non-ACM

2819-B-A39A: ND
2819-B-A39B-Drywall: ND
2819-B-A39B-Joint Compound: ND
2819-B-A39C-Drywall: ND
2819-B-A39C-Joint Compound: ND



HM ID: 166
Admin Building
Floor 2

Office 1
White 2' x 4' acoustic tile ceiling.

Non-ACM

2819-B-A40A: ND
2819-B-A40B: ND
2819-B-A40C: ND



HM ID: 167
Admin Building
Floor 2

Office 1
White drywall and joint compound on wall.

Non-ACM

2819-B-A41A-Drywall: ND
2819-B-A41A-Joint Compound: ND
2819-B-A41B-Drywall: ND
2819-B-A41B-Joint Compound: ND
2819-B-A41C-Drywall: ND
2819-B-A41C-Joint Compound: ND

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 168
Admin Building
Floor 2

Office 1
White textured paint and skim coat on concrete block wall.

Non-ACM

2819-B-A42A-Texture paint: ND
2819-B-A42A-Skim coat: ND
2819-B-A42B-Texture paint: ND
2819-B-A42B-Skim coat: ND
2819-B-A42C-Comp Texture paint/Skim coat: ND



HM ID: 169
Admin Building
Floor 2

Office 1
Gray cove base and mastic on concrete wall.

Non-ACM

2819-B-A43A-Cove base: ND
2819-B-A43A-Mastic 1: ND
2819-B-A43A-Mastic 2: ND
2819-B-A43B-Cove base: ND
2819-B-A43B-Mastic: ND
2819-B-A43C-Cove base: ND
2819-B-A43C-Mastic: ND



HM ID: 170
Admin Building
Floor 2

Office 1
Beige 12" x 12" vinyl tile and mastic on concrete floor.

Non-ACM

2819-B-A44A-Vinyl floor tile: ND
2819-B-A44A-Mastic: ND
2819-B-A44B-Vinyl floor tile: ND
2819-B-A44B-Mastic: ND
2819-B-A44C-Vinyl floor tile: ND
2819-B-A44C-Mastic: ND

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 171
Admin Building
Floor 1

Break Room
White paint on drywall wall.

Non-LCP
2819-B-P65A: <40 mg/kg
2819-B-P65B: <40 mg/kg



HM ID: 172
Admin Building
Floor 1

Boiler Room
White paint on concrete block wall.

Non-LCP
2819-B-P66A: <40 mg/kg
2819-B-P66B: <40 mg/kg



HM ID: 173
Admin Building
Floor 1

Dispensary
Gray paint on concrete block wall.

Non-LCP
2819-B-P67A: <40 mg/kg
2819-B-P67B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 174
Admin Building
Floor 1

Dispensary
Gray paint on metal door.

Non-LCP
2819-B-P68A: <40 mg/kg
2819-B-P68B: <40 mg/kg



HM ID: 175
Admin Building
Floor 1

Office 1
White paint on wood window frame.

LCP
2819-B-P69A: 54 mg/kg
2819-B-P69B: <40 mg/kg

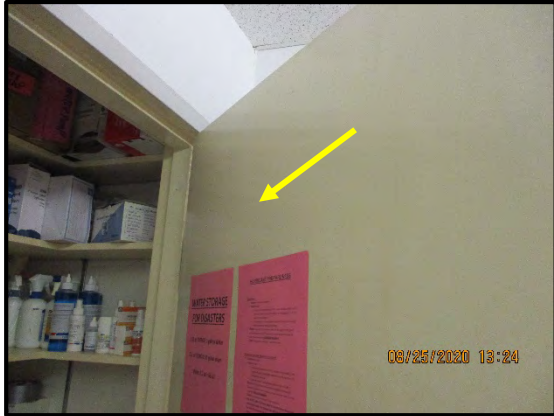


HM ID: 176
Admin Building
Floor 1

Men's Locker Room
White paint on metal door frame.

Non-LCP
2819-B-P70A: <40 mg/kg
2819-B-P70B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 177
Admin Building
Floor 1
Break Room
Beige paint on metal door.
Non-LCP
2819-B-P71A: <40 mg/kg
2819-B-P71B: <40 mg/kg



HM ID: 178
Admin Building
Floor 1
Hallway
Beige paint on wood door.
Non-LCP
2819-B-P72A: <40 mg/kg
2819-B-P72B: <40 mg/kg



HM ID: 179
Admin Building
Floor 1
Storage Room 4
Beige paint on drywall wall.
Non-LCP
2819-B-P73A: <40 mg/kg
2819-B-P73B: <40 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 180
Admin Building
Floor 2
Office 1
White paint on drywall wall.
Non-LCP
2819-B-P74A: <40 mg/kg
2819-B-P74B: <40 mg/kg



HM ID: 181
Admin Building
Floor 2
Office 1
White paint on concrete block wall.
Non-LCP
2819-B-P75A: <40 mg/kg
2819-B-P75B: <40 mg/kg



HM ID: 182
Admin Building
Floor 2
Office 1
White paint on metal door frame.
Non-LCP
2819-B-P76A: <40 mg/kg
2819-B-P76B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 183
Admin Building
Floor 2

Office 1
White paint on wood door frame.

Non-LCP
2819-B-P77A: <40 mg/kg
2819-B-P77B: <40 mg/kg



HM ID: 184
Admin Building
Floor 2

Office 1
Black paint on metal door.

**Assumed LCP
(Baked on paint)**



HM ID: 185
Admin Building
Floor 1

Stairwell
Gray 12" x 12" vinyl tile and mastic on concrete floor.

Non-ACM
2819-B-A51A-Vinyl floor tile: ND
2819-B-A51A-Mastic: ND
2819-B-A51B-Vinyl floor tile: ND
2819-B-A51B-Mastic: ND
2819-B-A51C-Vinyl floor tile: ND
2819-B-A51C-Mastic: ND



HM ID: 186
Admin Building
Floor 1

Boiler Room
White textured paint and skim coat on concrete wall.

Non-ACM

2819-B-A45A-Texture paint: ND
2819-B-A45A-Skim coat: ND
2819-B-A45B-Texture paint: ND
2819-B-A45B-Skim coat: ND
2819-B-A45C-Texture paint: ND
2819-B-A45C-Skim coat: ND



HM ID: 187
Admin Building
Floor 1

Boiler Room
White thermal system insulation on metal 4" pipe.

Non-ACM

2819-B-A46A-Wrap: ND
2819-B-A46A-Insulation: ND
2819-B-A46B-Wrap: ND
2819-B-A46B-Insulation: ND
2819-B-A46C-Wrap: ND
2819-B-A46C-Insulation: ND



HM ID: 188
Admin Building
Floor 1

Stairwell
White thermal system insulation on metal 4" pipe elbow.

Non-ACM

2819-B-A47A-Wrap: ND
2819-B-A47A-Insulation: ND
2819-B-A47B-Wrap: ND
2819-B-A47B-Insulation: ND
2819-B-A47C-Wrap: ND
2819-B-A47C-Insulation: ND



HM ID: 189
Admin Building
Floor 1

Boiler Room
White thermal system insulation on metal 6” pipe.

Non-ACM

2819-B-A48A-Wrap: ND
2819-B-A48A-Insulation: ND
2819-B-A48B-Wrap: ND
2819-B-A48B-Insulation: ND
2819-B-A48C-Wrap: ND
2819-B-A48C-Insulation: ND



HM ID: 190
Admin Building
Floor 1

Boiler Room
White thermal system insulation on metal 6” pipe elbow.

Non-ACM

2819-B-A49A-Vinyl wrap: ND
2819-B-A49A-Insulation: ND
2819-B-A49B-Vinyl wrap: ND
2819-B-A49B-Insulation: ND
2819-B-A49C-Vinyl wrap: ND
2819-B-A49C-Insulation: ND



HM ID: 191
Admin Building
Floor 1

Men’s Locker Room
White grout 2” x 2” ceramic tile and grout on wall.

Non-ACM

2819-B-A50A-Ceramic tile: ND
2819-B-A50A-Thinset: ND
2819-B-A50A-Mortar like: ND
2819-B-A50A-Texture like: ND
2819-B-A50B-Ceramic tile: ND
2819-B-A50B-Thinset: ND
2819-B-A50B-Mortar like: ND
2819-B-A50B-Grout: ND
2819-B-A50B-Mastic: ND
2819-B-A50B-Texture like: ND
2819-B-A50C-Ceramic tile: ND
2819-B-A50C-Thinset: ND
2819-B-A50C-Mortar like: ND
2819-B-A50C-Grout: ND

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 192
Admin Building
Floor 1

Boiler Room
White textured paint on concrete wall.

Non-LCP
2819-B-P79A: <40 mg/kg
2819-B-P79B: <40 mg/kg



HM ID: 193
Admin Building
Floor 1

Boiler Room
Gray textured paint on concrete floor.

Non-LCP
2819-B-P80A: <40 mg/kg
2819-B-P80B: <40 mg/kg



HM ID: 194
Admin Building
Roof

Exterior
White coating on metal roofing system.

Non-LCP
2819-B-P81A: <40 mg/kg
2819-B-P81B: <40 mg/kg



HM ID: 195
Admin Building
Roof

Exterior
Beige paint on metal roofing system.

LCP
2819-B-P82A: 88 mg/kg
2819-B-P82B: 82 mg/kg



HM ID: 196
Admin Building
Roof

Exterior
White coating on metal roofing system.

Non-ACM
2819-B-A52A: ND
2819-B-A52B: ND
2819-B-A52C: ND

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Cattery Type 1 – 2										
1	Interior	31	Walls	Beige	Paint	Metal	<36 - <37 mg/kg	Good	6,000	sq. ft.
1	Interior	32	Walls	Green	Paint	Metal	LCP 49 - 67 mg/kg	Good	6,000	sq. ft.
1	Interior	33	Shelves, walkway	Green	Paint	Wood	<40 mg/kg	Good	1,000	sq. ft.
1	Exterior	34	Downspouts, gutters, roofing systems, walls	Beige	Paint	Metal	LCP 56 - 72 mg/kg	Poor	6,000	sq. ft.
1	Exterior	35	Railings, walls	White	Paint	Metal	LCP 300 - 350 mg/kg	Poor	3,000	sq. ft.
1	Interior	97	Ceiling, columns, poles, walls	Green	Paint	Metal	LCP 2,100 - 2,300 mg/kg	Poor	1,000	sq. ft.
1	Interior	98	Shelves	White	Paint	Wood	LCP 610 - 640 mg/kg	Poor	500	sq. ft.
1	Exterior	99	Walls	White	Paint	Metal	LCP 2,600 - 3,200 mg/kg	Poor	4,000	sq. ft.

Bold values indicate results above the reporting limit.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

LCP – Lead-Containing Paint, <5,000 mg/kg

ln.ft. – Linear Feet

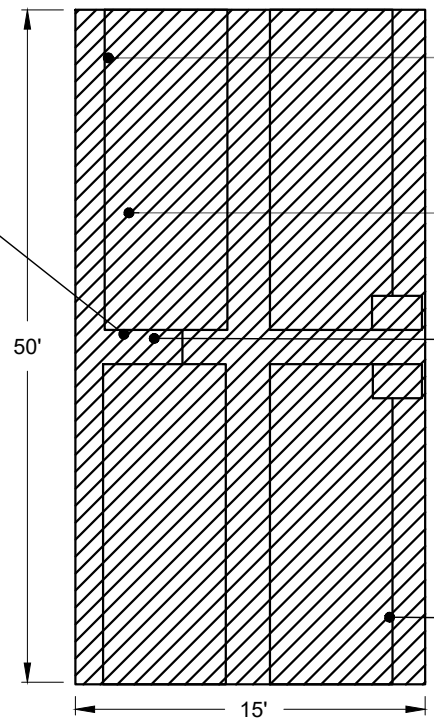
mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
32	Ceilings, walls	Green	Metal	LCP 49 - 67
34	Exterior downspouts, gutters, roofing system, walls	Beige	Metal	LCP 56 - 72
35	Exterior railings and walls	White	Metal	LCP 300 - 350

Cattery #1, 3, 4, 5, 6, 7,
8, 9, 10, 11, 12

2819-B-P4A: LCP 56 mg/kg
2819-B-P4B: LCP 72 mg/kg
HM ID: 34 (Beige paint on exterior metal wall)



2819-B-P1A: <37 mg/kg
2819-B-P1B: <36 mg/kg
HM ID: 31 (Beige paint on metal wall)

2819-B-P3A: <37 mg/kg
2819-B-P3B: <36 mg/kg
HM ID: 33 (Green paint on wood walkway)

2819-B-P5A: LCP 350 mg/kg
2819-B-P5B: LCP 300 mg/kg
HM ID: 35 (White paint on metal railing)

2819-B-P2A: LCP 67 mg/kg
2819-B-P2B: LCP 49 mg/kg
HM ID: 32 (Green paint on metal wall)

Legend and Notes

/// Visual Extent of Lead-Containing Paint

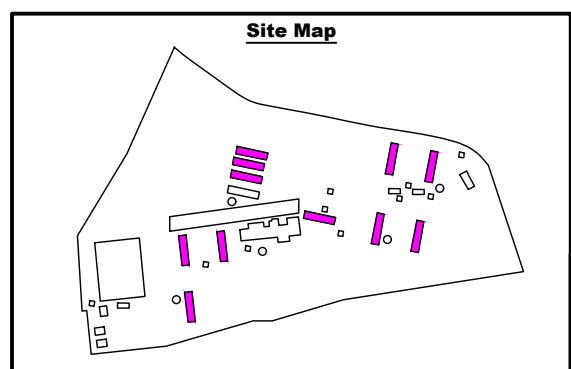
* Paint was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed LCP.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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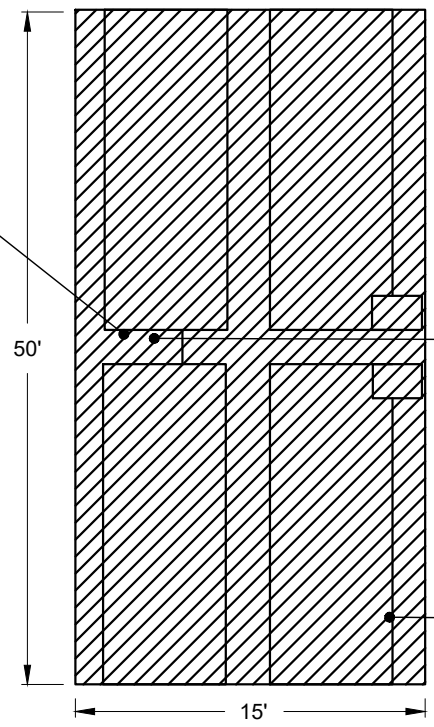
Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Cattery Type 1 Interior and Exterior

Sheet Number
D2 - 2

HM ID	Locations	Color	Substrate	Results (mg/kg)
97	Ceilings, columns, piles, walls	Green	Metal	LCP 2,100 - 2,300
98	Shelves	White	Wood	LCP 610 - 640
99	Exterior walls	White	Metal	LCP 2,600 - 3,200

Cattery #2

2819-B-P64A: LCP 2,600 mg/kg
 2819-B-P64B: LCP 3,200 mg/kg
 HM ID: 99 (White paint on exterior metal wall)



2819-B-P62A: LCP 610 mg/kg
 2819-B-P62B: LCP 640 mg/kg
 HM ID: 97 (Green paint on metal wall)

2819-B-P63A: LCP 2,100 mg/kg
 2819-B-P63B: LCP 2,300 mg/kg
 HM ID: 98 (White paint on wood shelf)

Legend and Notes

/// Visual Extent of Lead-Containing Paint

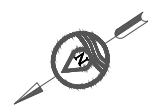
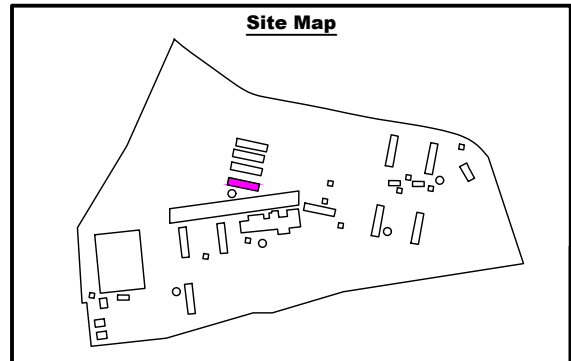
* Paint was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed LCP.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Cattery Type 2 Interior and Exterior

Sheet Number
 D2 - 3

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 31
Cattery Type 1
Floor 1
Interior
Beige paint on metal wall.

Non-LCP
2819-B-P1A: <36 mg/kg
2819-B-P1B: <27 mg/kg



HM ID: 32
Cattery Type 1
Floor 1
Interior
Green paint on metal wall.

LCP
2819-B-P2A: 67 mg/kg
2819-B-P2B: 49 mg/kg



HM ID: 33
Cattery Type 1
Floor 1
Interior
Green paint on wood walkway.

Non-LCP
2819-B-P3A: <40 mg/kg
2819-B-P3B: <40 mg/kg



HM ID: 34
Cattery Type 1
Floor 1

Exterior
Beige paint on metal wall.

LCP
2819-B-P4A: 56 mg/kg
2819-B-P4B: 72 mg/kg



HM ID: 35
Cattery Type 1
Floor 1

Exterior
White paint on metal railing.

LCP
2819-B-P5A: 350 mg/kg
2819-B-P5B: 300 mg/kg



HM ID: 97
Cattery Type 2
Floor 1

Interior
Green paint on metal poles.

LCP
2819-B-P62A: 2,100 mg/kg
2819-B-P62B: 2,300 mg/kg



HM ID: 98
Cattery Type 2
Floor 1
Interior
White paint on wood shelves.

LCP
2819-B-P63A: 610 mg/kg
2819-B-P63B: 640 mg/kg



HM ID: 99
Cattery Type 2
Floor 1
Exterior
White paint on metal wall.

LCP
2819-B-P64A: 3,200 mg/kg
2819-B-P64B: 2,600 mg/kg

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Cottage										
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Ceilings, walls	14	White	Drywall Joint compound	None	ND	Good	3,000	sq. ft.
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Floors	17	Tan	12" x 12" Vinyl tile Mastic	Concrete	ND	Poor	2,000	sq. ft.
1	Exterior	Wall	19	Beige	Textured paint Skim coat	Concrete block	ND	Fair	200	sq. ft.
1	Kitchen	Sink	16	White	Undercoating	Metal	ND	Good	5	sq. ft.
1	Living Room, Restroom, Rooms 1, 2, 3	Walls	15	Gray	Cove base Mastic	Drywall	ND	Fair	500	sq. ft.
1	Restroom	Shower stall	18	White	Grout	4" x 4" Ceramic tile	ND	Poor	30	sq. ft.
Roof	Exterior	Roofing system	20	Black	Built-up roofing	Wood	ND	Fair	2,000	sq. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. The binding of the material has decreased integrity as indicated by peeling, cracking, or crumbling of the material.

Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier

ln. ft. – Linear Feet

ND – Not Detected

sq. ft. – Square Feet

2819-B-A17A-VFT: ND
 2819-B-A17A-Mastic: ND
 2819-B-A17B-VFT: ND
 2819-B-A17B-Mastic: ND
 2819-B-A17C-VFT: ND
 2819-B-A17C-Mastic: ND
 HM ID: 17 (Tan 12" x 12" vinyl tile with mastic on concrete floor)

2819-B-A15A-Cove base: ND
 2819-B-A15A-Mastic 1: ND
 2819-B-A15A-Mastic 2: ND
 2819-B-A15B-Cove base: ND
 2819-B-A15B-Mastic: ND
 2819-B-A15C-Cove base: ND
 2819-B-A15C-Mastic: ND
 HM ID: 15 (White drywall and joint compound on drywall wall)

2819-B-A18A: ND
 2819-B-A18B: ND
 2819-B-A18C: ND
 HM ID: 18 (White grout on 4" x 4" ceramic tile shower stall)

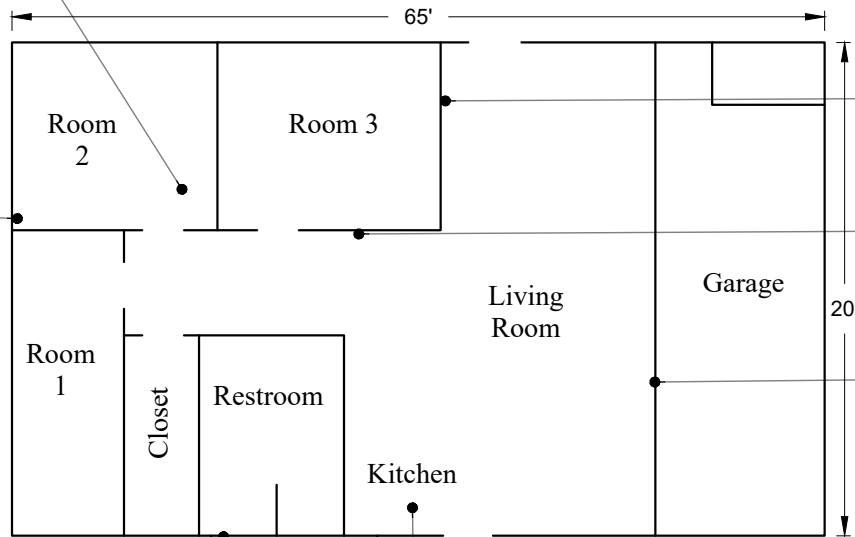
2819-B-A19A: ND
 2819-B-A19B: ND
 2819-B-A19C-Textured paint: ND
 2819-B-A19C-Paint: ND
 HM ID: 19 (Beige textured paint on concrete block wall)

2819-B-A16A: ND
 2819-B-A16B: ND
 2819-B-A16C: ND
 HM ID: 16 (White undercoating on metal sink)

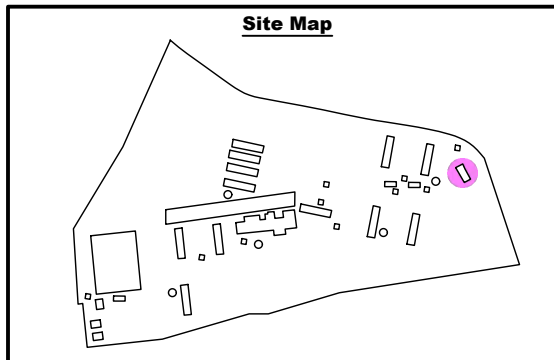
2819-B-A14B-Drywall: ND
 2819-B-A14B-Joint compound: ND
 HM ID: 14 (White drywall and joint compound on wall)
 2819-B-A14C: ND
 HM ID: 14 (White drywall and joint compound on wall)

2819-B-A14A-Drywall: ND
 2819-B-A14A-Joint compound: ND
 HM ID: 14 (White drywall and joint compound on wall)

Cottage Interior and Exterior



Site Map



Myounghee Noh & Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Cottage Interior and Exterior

Sheet Number
 D3 - 2

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Cottage										
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	71	Ceilings, walls	White	Paint	Drywall	<40 mg/kg	Good	3,000	sq. ft.
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	72	Doors, door frames, window frames	White	Paint	Wood	<40 mg/kg	Fair	500	sq. ft.
1	Exterior	73	Ceiling, trim, walls	Brown	Paint	Wood	<40 mg/kg	Fair	3,000	sq. ft.
1	Exterior	74	Door frames, window frames	Dk. brown	Paint	Wood	<40 mg/kg	Fair	500	sq. ft.
1	Exterior	75	Wall	Beige	Paint	Concrete block	<40 mg/kg	Fair	200	sq. ft.
1	Exterior	76	Screen	Brown	Paint	Metal	LCP*	Fair	200	sq. ft.

Bold values indicate results above the reporting limit.

* Includes factory applied paints that were not sampled, and assumed to contain lead

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

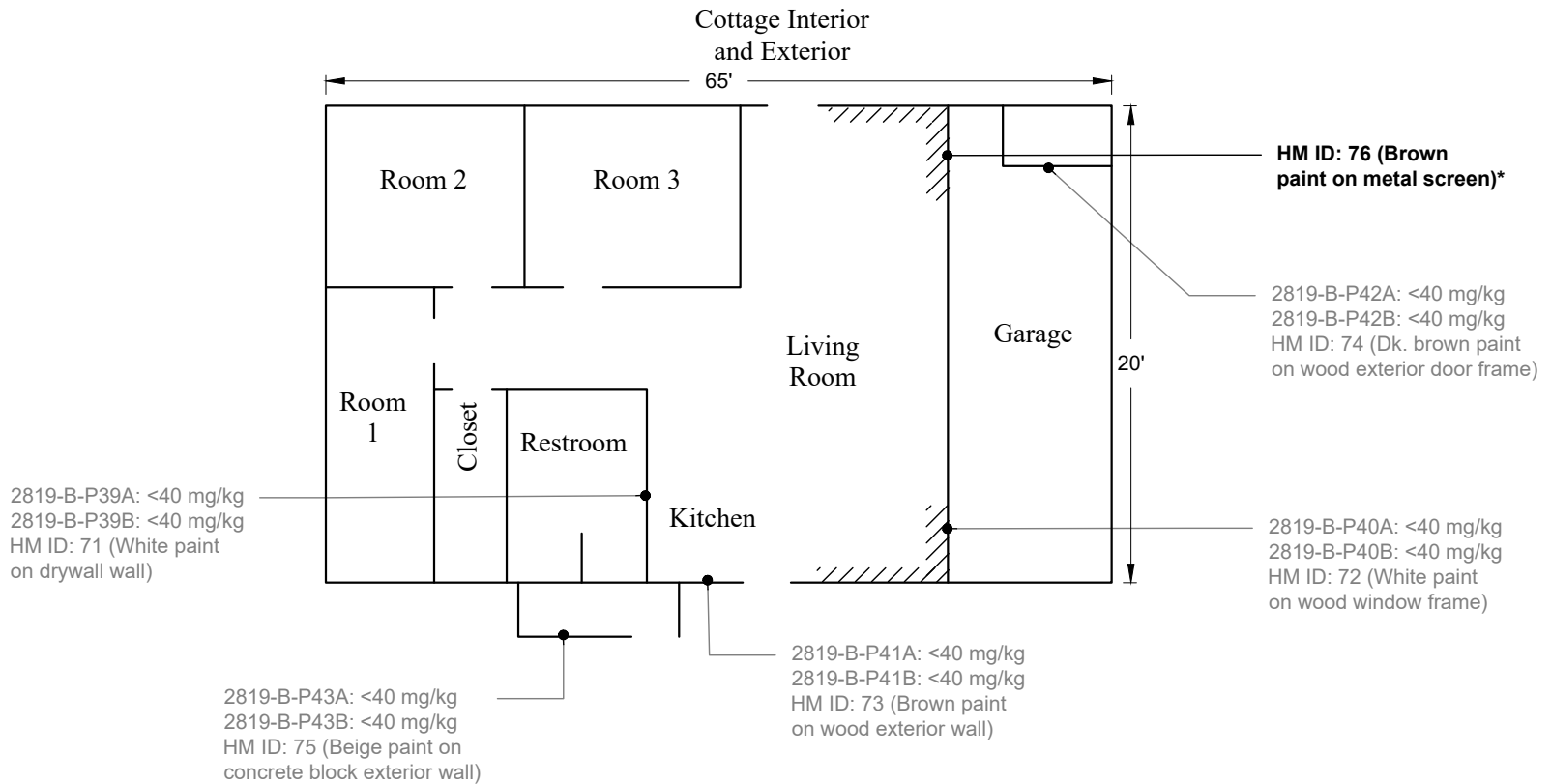
LCP – Lead-Containing Paint, <5,000 mg/kg

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
76	Screen	Brown	Metal	Assumed LCP



Legend and Notes

/// Visual Extent of Assumed Lead-Containing Paint

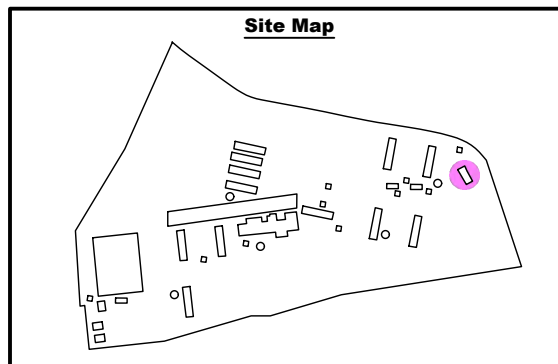
* Paint was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed LCP.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Cottage Interior and Exterior

Sheet Number
D3 - 4



HM ID: 14
Cottage
Floor 1

Living room
White drywall and joint compound on wall.

Non-ACM

2819-B-A14A-Drywall: ND
2819-B-A14A-Joint compound: ND
2819-B-A14B-Drywall: ND
2819-B-A14B-Joint compound: ND
2819-B-A14C: ND



HM ID: 15
Cottage
Floor 1

Living room
Gray cove base and mastic on drywall wall.

Non-ACM

2819-B-A15A-Cove base: ND
2819-B-A15A-Mastic 1: ND
2819-B-A15A-Mastic 2: ND
2819-B-A15A-Cove base: ND
2819-B-A15A-Mastic: ND
2819-B-A15A-Cove base: ND
2819-B-A15A-Mastic: ND



HM ID: 16
Cottage
Floor 1

Kitchen
White undercoating on metal sink.

Non-ACM

2819-B-A16A: ND
2819-B-A16B: ND
2819-B-A16C: ND



HM ID: 17
Cottage
Floor 1

Living room
Tan 12"x12" vinyl tile and mastic on concrete floor.

Non-ACM

2819-B-A17A-VFT: ND
2819-B-A17A-Mastic: ND
2819-B-A17B-VFT: ND
2819-B-A17B-Mastic: ND
2819-B-A17C-VFT: ND
2819-B-A17C-Mastic: ND



HM ID: 18
Cottage
Floor 1

Restroom
White grout on 4"x4" ceramic tile shower stall.

Non-ACM

2819-B-A18A: ND
2819-B-A18B: ND
2819-B-A18C: ND



HM ID: 19
Cottage
Floor 1

Exterior
Beige textured paint on concrete block wall.

Non-ACM

2819-B-A19A: ND
2819-B-A19B: ND
2819-B-A19C-Texture paint: ND
2819-B-A19C-Paint: ND



HM ID: 20
Cottage
Roof

Exterior
Black built-up roofing on wood roofing system.

Non-ACM

2819-B-A20A-Shingle: ND
2819-B-A20A-Felt: ND
2819-B-A20B-Felt: ND
2819-B-A20B-Tar: ND
2819-B-A20C-Felt: ND
2819-B-A20C-Tar: ND



HM ID: 71
Cottage
Floor 1

Restroom
White paint on drywall ceiling.

Non-LCP

2819-B-P39A: <40 mg/kg
2819-B-P39B: <40 mg/kg



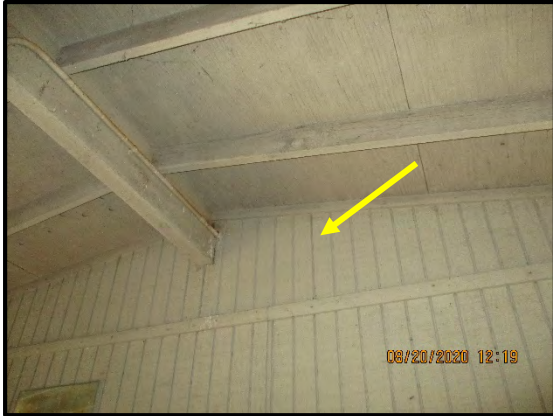
HM ID: 72
Cottage
Floor 1

Living Room
White paint on wood door frame.

Non-LCP

2819-B-P40A: <40 mg/kg
2819-B-P40B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 73
Cottage
Floor 1

Exterior
Brown paint on wood wall.

Non-LCP
2819-B-P41A: <40 mg/kg
2819-B-P41B: <40 mg/kg



HM ID: 74
Cottage
Floor 1

Exterior
Dark brown paint on wood window frame.

Non-LCP
2819-B-P42A: <40 mg/kg
2819-B-P42B: <40 mg/kg



HM ID: 75
Cottage
Floor 1

Exterior
Beige paint on concrete block wall.

Non-LCP
2819-B-P43A: <40 mg/kg
2819-B-P43B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 76
Cottage
Floor 1

Exterior
Brown paint on metal screen.

**Assumed LCP
(Baked on paint)**

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Duplex 1										
1	Restrooms 1 and 2	Walls	136	Lt. gray	2" x 2" Ceramic tile Grout	Drywall	ND	Good	150	sq. ft.
1	Restrooms 1 and 2	Bath tub, sink, toilet	137	White	Caulking Joint compound	Porcelain	ND	Fair	10	ln. ft.
1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Ceilings, walls	132	White	Drywall Joint compound	None	ND	Good	3,800	sq. ft.
1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Floors	133	Off-white with gray streaks	12" x 12" Vinyl tile Mastic	Concrete	ND	Fair	840	sq. ft.
1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	Walls	134	Gray	Cove base Mastic	Drywall	ND	Good	240	ln. ft.
1	Room 1	Sinks	135	White	Undercoating	Metal	ND	Good	10	sq. ft.
1	Room 3	Sink	140	Gray	Undercoating	Metal	ND	Good	10	sq. ft.
1	Rooms 1 and 3	Countertop, door frames, wall	138	White	Caulking	Wood	ND	Good	100	ln. ft.
Roof	Exterior	Roofing system	139	Black	Shingles Tar	Wood	ND	Good	1,200	sq. ft.

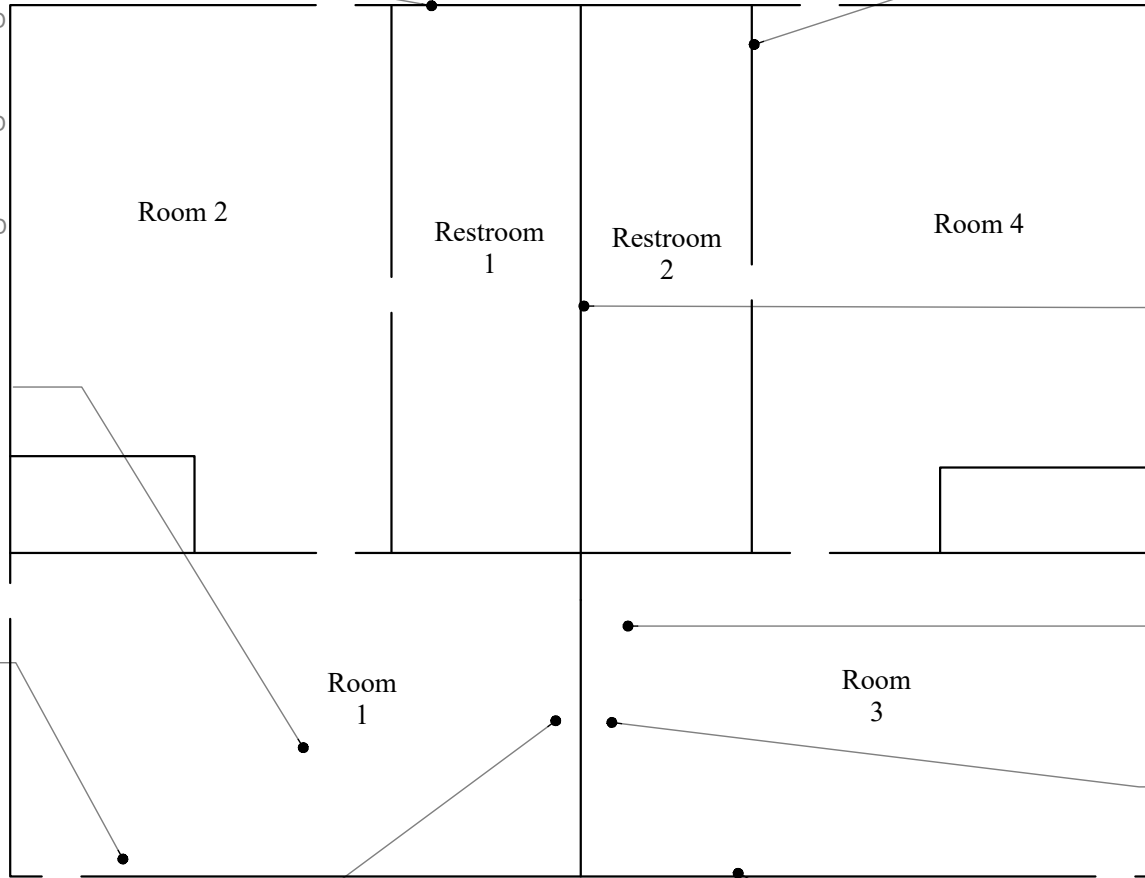
Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.
Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier
ln. ft. – Linear Feet
ND – Not Detected
sq. ft. – Square Feet

Duplex 1 Interior and Exterior

35'



2819-A-A13A-Ceramic tile: ND
 2819-A-A13A-Grout: ND
 2819-A-A13A-Adhesive: ND
 2819-A-A13A-Joint compound: ND
 2819-A-A13B-Ceramic tile: ND
 2819-A-A13B-Grout: ND
 2819-A-A13B-Adhesive: ND
 2819-A-A13B-Joint compound: ND
 2819-A-A13C-Ceramic tile: ND
 2819-A-A13C-Grout: ND
 2819-A-A13C-Adhesive: ND
 2819-A-A13C-Joint compound: ND
 HM ID: 136 (Light gray 2" x 2" ceramic tile and grout on drywall wall)

2819-A-A10A-Drywall: ND
 2819-A-A10A-Joint compound: ND
 2819-A-A10B-Drywall: ND
 2819-A-A10B-Joint compound: ND
 2819-A-A10C-Drywall: ND
 2819-A-A10C-Joint compound: ND
 HM ID: 133 (Off-white 12" x 12" vinyl tile with gray streaks and mastic on concrete floor)

2819-A-A16A: ND
 2819-A-A16B: ND
 2819-A-A16C-Shingle: ND
 2819-A-A16C-Tar: ND
 HM ID: 139 (Black shingles and tar on wood roofing system)

2819-A-A12A: ND
 2819-A-A12B: ND
 2819-A-A12C: ND
 HM ID: 135 (White undercoating on metal sink)

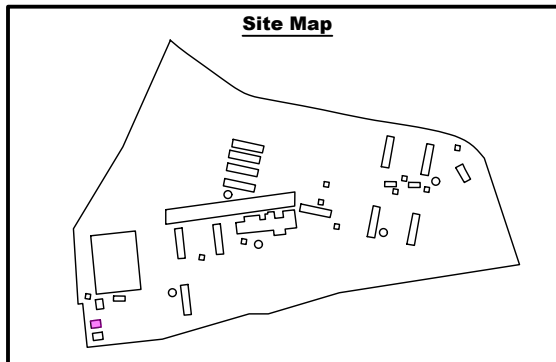
2819-A-A9A-Drywall: ND
 2819-A-A9A-Joint compound: ND
 2819-A-A9B-Drywall: ND
 2819-A-A9B-Joint compound: ND
 2819-A-A9C-Drywall: ND
 2819-A-A9C-Joint compound: ND
 HM ID: 132 (White drywall and joint compound on wall)

2819-A-A14A: ND
 2819-A-A14B-Caulking: ND
 2819-A-A14B-Joint compound: ND
 2819-A-A14C-Caulking: ND
 2819-A-A14C-Joint compound: ND
 HM ID: 137 (White caulking and joint compound on wood wall)

2819-A-A15A: ND
 2819-A-A15B: ND
 2819-A-A15C: ND
 HM ID: 138 (White caulking on wood wall)

2819-A-A17A: ND
 2819-A-A17B: ND
 2819-A-A17C: ND
 HM ID: 140 (Gray undercoating on metal sink)

2819-A-A11A-Cove base: ND
 2819-A-A11A-Mastic: ND
 2819-A-A11B-Cove base: ND
 2819-A-A11B-Mastic: ND
 2819-A-A11C-Cove base: ND
 2819-A-A11C-Mastic: ND
 HM ID: 134 (Gray cove base and mastic on drywall wall)



Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Duplex 1 Interior and Exterior



Myounghee Noh &
 Associates, L.L.C.

Sheet Number

D4 - 2

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Duplex 1										
1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	128	Ceilings, walls	White	Paint	Drywall	<40 mg/kg	Good	3,800	sq. ft.
1	Restrooms 1 and 2, Rooms 1, 2, 3, 4	129	Doors, door frames, shelves, window frames	White	Paint	Wood	<40 mg/kg	Good	500	sq. ft.
1	Exterior	130	Eaves, purlins, walls	Beige	Paint	Wood	<40 mg/kg	Fair	1,600	sq. ft.
1	Exterior	131	Door frames, fascia, window frames, window trim	Lt. blue	Paint	Wood	<40 mg/kg	Fair	400	sq. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.
Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Abbreviations and Acronyms

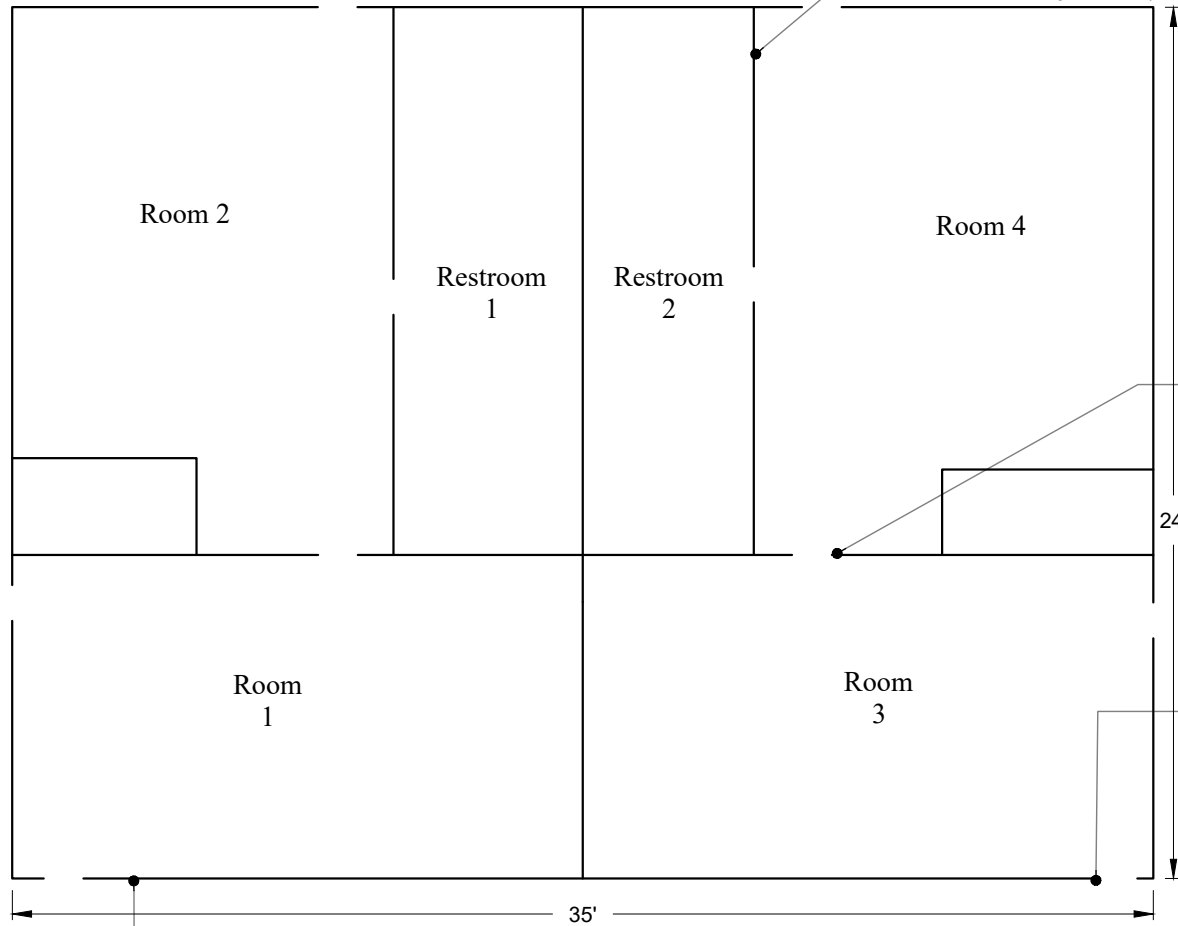
HM ID – Hazardous Material Identifier

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

Duplex 1 Interior and Exterior

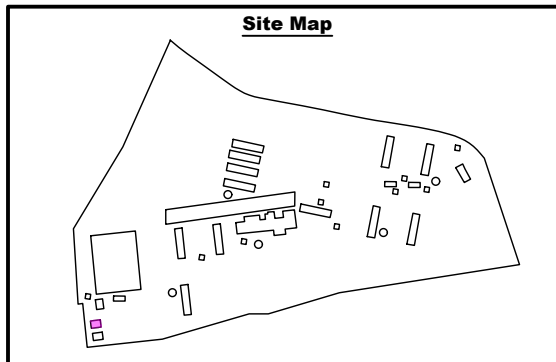


2819-A-P20A: <40 mg/kg
 2819-A-P20B: <40 mg/kg
 HM ID: 128 (White paint on drywall wall)

2819-A-P21A: <40 mg/kg
 2819-A-P21B: <40 mg/kg
 HM ID: 129 (White paint on wood door frame)

2819-A-P24A: <40 mg/kg
 2819-A-P24B: <40 mg/kg
 HM ID: 131 (Light blue paint on wood door frame)

2819-A-P23A: <40 mg/kg
 2819-A-P23B: <40 mg/kg
 HM ID: 130 (Beige paint on exterior wood wall)



Legend and Notes

HM ID - Hazardous Material Identifier
 mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample Locations
 Animal Quarantine Station Site
 Duplex 1 Interior and Exterior

Sheet Number
 D4 - 4

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 128
Duplex 1
Floor 1

Room 1
White paint on drywall ceiling.

Non-LCP
2819-A-P20A: <40 mg/kg
2819-A-P20B: <40 mg/kg



HM ID: 129
Duplex 1
Floor 1

Room 3
White paint on wood door.

Non-LCP
2819-A-P21A: <40 mg/kg
2819-A-P21B: <40 mg/kg



HM ID: 130
Duplex 1
Floor 1

Exterior
Beige paint on wood wall.

Non-LCP
2819-A-P23A: <40 mg/kg
2819-A-P23B: <40 mg/kg



HM ID: 131
Duplex 1
Floor 1

Exterior
Light blue paint on wood window frame.

Non-LCP

2819-A-P24A: <40 mg/kg
2819-A-P24B: <40 mg/kg



HM ID: 132
Duplex 1
Floor 1

Room 1
White drywall wall.

Non-ACM

2819-A-A9A-Drywall: ND
2819-A-A9A-Joint Compound: ND
2819-A-A9B-Drywall: ND
2819-A-A9B-Joint Compound: ND
2819-A-A9C-Drywall: ND
2819-A-A9C-Joint Compound: ND



HM ID: 133
Duplex 1
Floor 1

Room 3
Off-white 12" x 12" vinyl tile with gray streaks on concrete floor.

Non-ACM

2819-A-A10A-VFT: ND
2819-A-A10A-Mastic: ND
2819-A-A10B-VFT: ND
2819-A-A10B-Mastic: ND
2819-A-A10C-VFT: ND
2819-A-A10C-Mastic: ND



HM ID: 134
Duplex 1
Floor 1

Room 2
Gray cove base on drywall wall.

Non-ACM
2819-A-A11A-Cove base: ND
2819-A-A11A-Mastic: ND
2819-A-A11B-Cove base: ND
2819-A-A11B-Mastic: ND
2819-A-A11C-Cove base: ND
2819-A-A11C-Mastic: ND



HM ID: 135
Duplex 1
Floor 1

Room 1
White undercoating on metal sink.

Non-ACM
2819-A-A12A: ND
2819-A-A12B: ND
2819-A-A12C: ND



HM ID: 136
Duplex 1
Floor 1

Restroom 1
Light gray 2” x 2” ceramic tile on drywall wall.

Non-ACM
2819-A-A13A-Ceramic tile: ND
2819-A-A13A-Grout: ND
2819-A-A13A-Adhesive: ND
2819-A-A13A-Joint compound: ND
2819-A-A13B-Ceramic tile: ND
2819-A-A13B-Grout: ND
2819-A-A13B-Adhesive: ND
2819-A-A13B-Joint compound: ND
2819-A-A13C-Ceramic tile: ND
2819-A-A13C-Grout: ND
2819-A-A13C-Adhesive: ND
2819-A-A13C-Joint compound: ND



HM ID: 137
Duplex 1
Floor 1

Restroom 1
White caulking on porcelain bathtub.

Non-ACM

2819-A-A14A: ND
2819-A-A14B-Caulking: ND
2819-A-A14B-Joint compound: ND
2819-A-A14C-Caulking: ND
2819-A-A14C-Joint compound: ND



HM ID: 138
Duplex 1
Floor 1

Room 1
White caulking on wood wall.

Non-ACM

2819-A-A15A: ND
2819-A-A15B: ND
2819-A-A15C: ND



HM ID: 139
Duplex 1
Roof

Exterior
Black roofing sheets on wood roofing system.

Non-ACM

2819-A-A16A: ND
2819-A-A16B: ND
2819-A-A16C-Shingle: ND
2819-A-A16C-Tar: ND



HM ID: 140
Duplex 1
Floor 1

Room 3
Gray undercoating on metal sink.

Non-ACM
2819-A-A17A: ND
2819-A-A17B: ND
2819-A-A17C: ND

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Duplex 2										
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Ceilings	6	White	Drywall	None	ND	Good	2,000	sq. ft.
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Walls	7	Beige	Drywall Joint compound	None	ND	Good	4,000	sq. ft.
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	Floors	8	Tan	12" x 12" Vinyl tile Mastic	Concrete	ND	Good	2,000	sq. ft.
1	Exterior	Wall	13	Beige	Paint/skim coat	Concrete block	ND	Good	200	sq. ft.
1	Kitchen	Sink	9	White	Undercoating	Metal	ND	Good	5	sq. ft.
1	Living Room, Restroom, Rooms 1, 2, 3	Walls	10	Gray	Cove base Mastic	Drywall	ND	Good	300	sq. ft.
1	Restroom	Shower stall	11	White	Grout	4" x 4" Ceramic tile	ND	Good	20	sq. ft.
Roof	Exterior	Roofing system	12	Black	Built-up roofing	Wood	ND	Good	2,000	sq. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

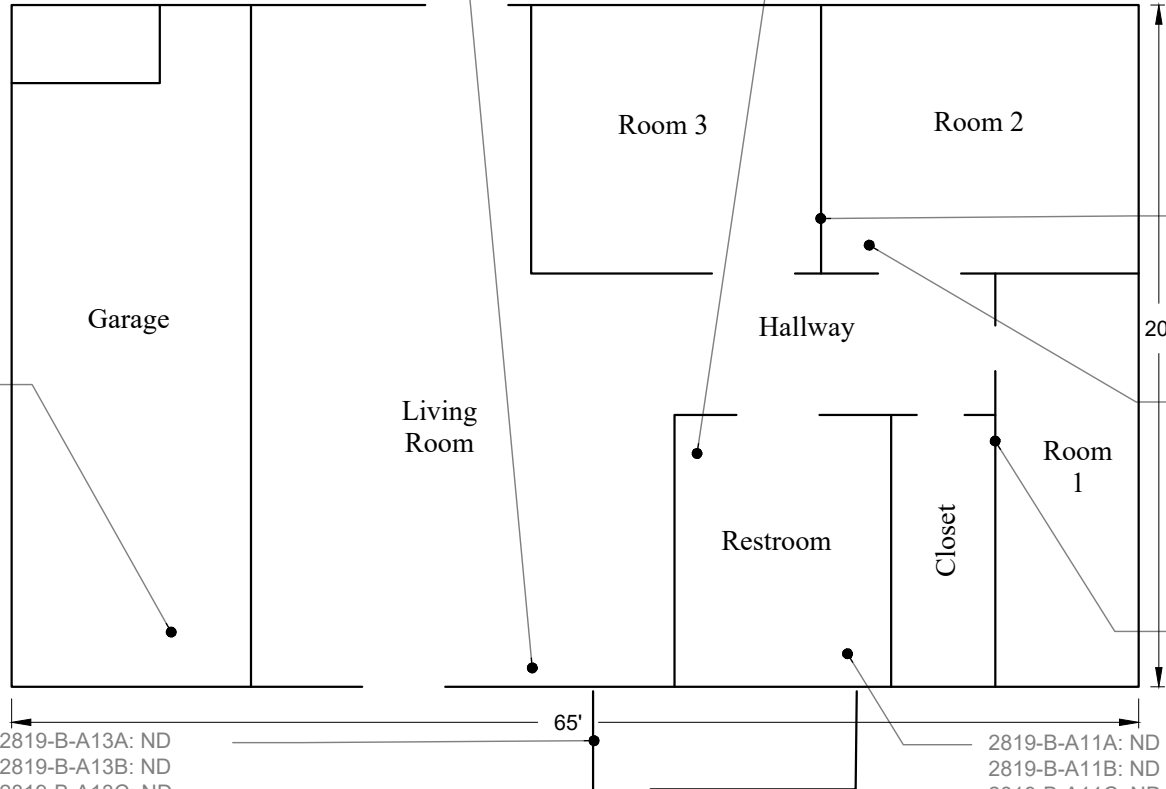
Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier
ln. ft. – Linear Feet
ND – Not Detected
sq. ft. – Square Feet

2819-B-A9A: ND
 2819-B-A9B: ND
 2819-B-A9C: ND
 HM ID: 9 (White undercoating on metal sink)

2819-B-A8A-VFT: ND
 2819-B-A8A-Mastic: ND
 2819-B-A8B-VFT: ND
 2819-B-A8B-Mastic: ND
 2819-B-A8C-VFT: ND
 2819-B-A8C-Mastic: ND
 HM ID: 8 (Tan 12" x 12" vinyl tile with mastic on concrete floor)

Duplex 2 Interior and Exterior



2819-B-A7A-Drywall: ND
 2819-B-A7A-Joint compound: ND
 2819-B-A7B: ND
 2819-B-A7C: ND
 HM ID: 7 (Beige drywall and joint compound on wall)

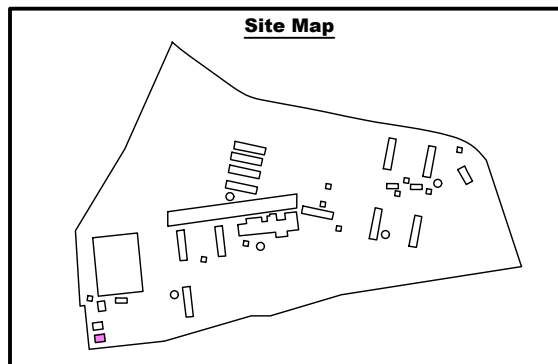
2819-B-A6A: ND
 2819-B-A6B: ND
 2819-B-A6C: ND
 HM ID: 6 (White drywall ceiling)

2819-B-A10A-Cove base: ND
 2819-B-A10A-Mastic 1: ND
 2819-B-A10A-Mastic 2: ND
 2819-B-A10B-Cove base: ND
 2819-B-A10B-Mastic: ND
 2819-B-A10C-Cove base: ND
 2819-B-A10C-Mastic: ND
 HM ID: 10 (Gray cove base and mastic on drywall wall)

2819-B-A11A: ND
 2819-B-A11B: ND
 2819-B-A11C: ND
 HM ID: 11 (White grout on 4" x 4" ceramic tile shower stall)

2819-B-A13A: ND
 2819-B-A13B: ND
 2819-B-A13C: ND
 HM ID: 13 (Beige paint and skim coat on exterior concrete block wall)

2819-B-A12A-Shingle: ND
 2819-B-A12A-Felt: ND
 2819-B-A12B-Shingle: ND
 2819-B-A12B-Felt: ND
 2819-B-A12C-Shingle: ND
 2819-B-A12C-Tar: ND
 HM ID: 12 (Black built-up roofing on wood roofing system)



Myounghee Noh & Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Duplex 2 Interior and Exterior

Sheet Number
 D5 - 2

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Duplex 2										
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	57	Ceilings	White	Paint	Drywall	<40 mg/kg	Good	2,000	sq. ft.
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	58	Walls	Beige	Paint	Drywall	<40 mg/kg	Good	4,000	sq. ft.
1	Closet, Living Room, Restroom, Rooms 1, 2, 3	59	Doors, door frames, window frames	Beige	Paint	Wood	<40 mg/kg	Good	500	sq. ft.
1	Exterior	60	Walls	Beige	Paint	Concrete block	<40 mg/kg	Good	200	sq. ft.
1	Exterior	61	Ceilings, pillars, walls	Beige	Paint	Wood	<40 mg/kg	Fair	4,000	sq. ft.
1	Exterior	62	Door frames, window frames, trim	Brown	Paint	Wood	<40 mg/kg	Fair	200	sq. ft.
1	Exterior	64	Screen	Brown	Paint	Metal	LCP*	Poor	30	sq. ft.
1	Exterior	65	Rear door	Black	Paint	Metal	LCP*	Fair	10	sq. ft.

Bold values indicate results above the reporting limit.

* Includes factory applied paints that were not sampled, and assumed to contain lead

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

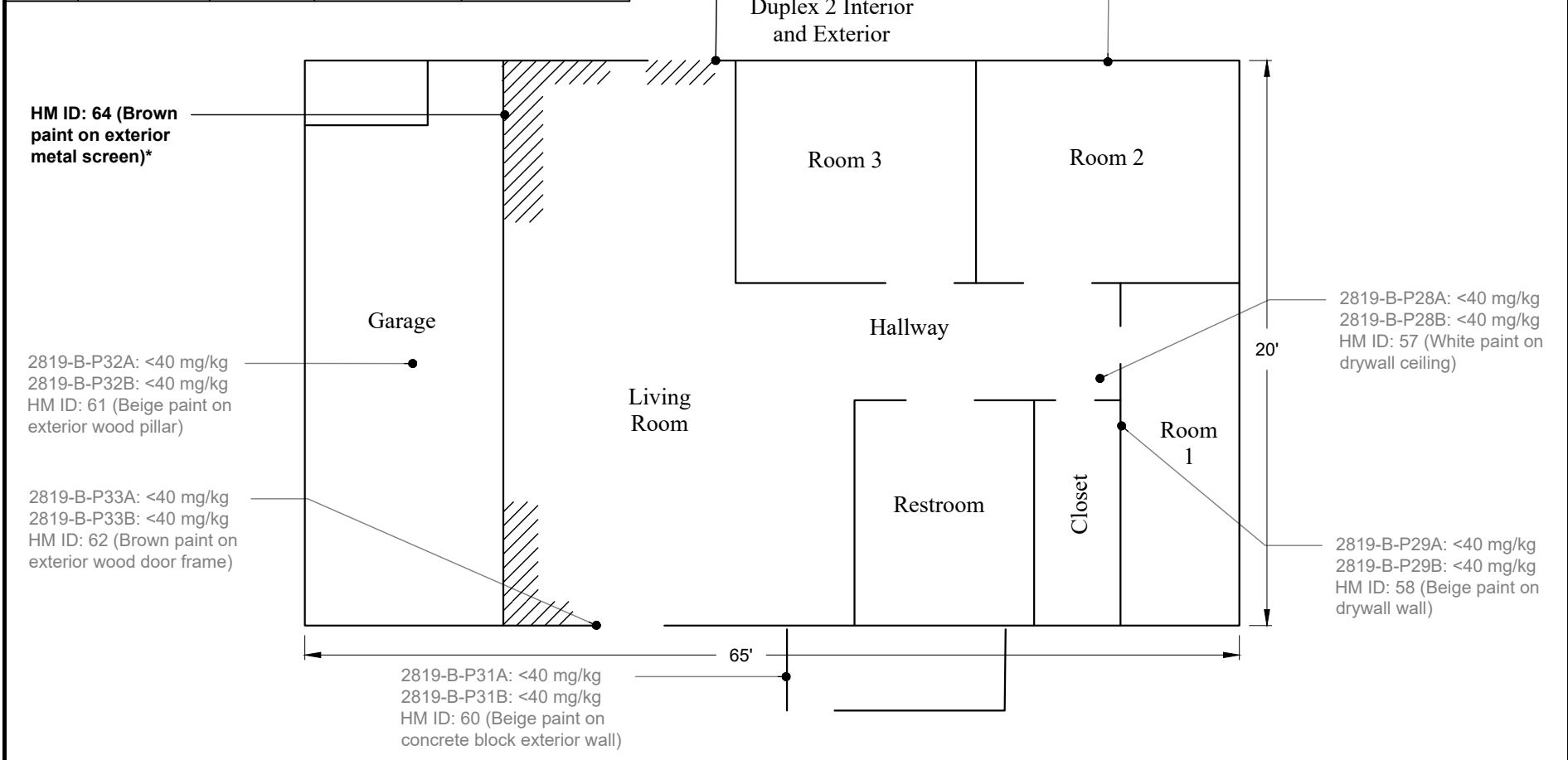
LCP – Lead-Containing Paint, <5,000 mg/kg

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
64	Screen	Brown	Metal	Assumed LCP
65	Rear door	Black	Metal	Assumed LCP



Legend and Notes

/// Visual Extent of Assumed Lead-Containing Paint

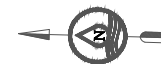
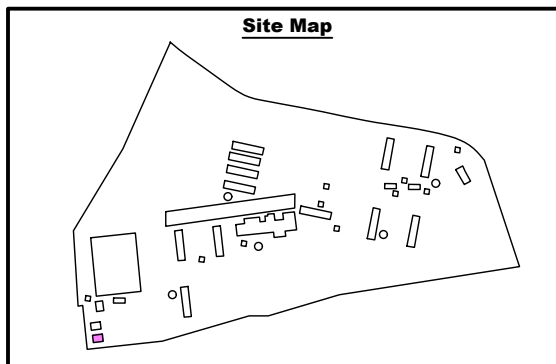
* Paint was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed LCP.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Duplex 2 Interior and Exterior

Sheet Number
D5 - 4



HM ID: 6
Duplex 2
Floor 1

Room 2
White drywall ceiling.

Non-ACM
2819-B-A6A: ND
2819-B-A6B: ND
2819-B-A6C: ND



HM ID: 7
Duplex 2
Floor 1

Room 1
Beige drywall and joint compound on wall.

Non-ACM
2819-B-A7A-Drywall: ND
2819-B-A7A-Joint compound: ND
2819-B-A7B: ND
2819-B-A7C: ND



HM ID: 8
Duplex 2
Floor 1

Living Room
Tan 12" x 12" vinyl tile and mastic on concrete floor.

Non-ACM
2819-B-A8A-VFT: ND
2819-B-A8A-Mastic: ND
2819-B-A8B-VFT: ND
2819-B-A8B-Mastic: ND
2819-B-A8C-VFT: ND
2819-B-A8C-Mastic: ND



HM ID: 9
Duplex 2
Floor 1

Kitchen
White undercoating on metal sink.

Non-ACM

2819-B-A9A: ND
2819-B-A9B: ND
2819-B-A9C: ND



HM ID: 10
Duplex 2
Floor 1

Room 2
Gray cove base, mastic, and joint compound on drywall wall.

Non-ACM

2819-B-A10A-Cove base: ND
2819-B-A10A-Mastic: ND
2819-B-A10A-Joint compound: ND
2819-B-A10B-Cove base: ND
2819-B-A10B-Mastic: ND
2819-B-A10C-Cove base: ND
2819-B-A10C-Mastic: ND



HM ID: 11
Duplex 2
Floor 1

Restroom
White grout on 4"x4" ceramic tile in shower stall.

Non-ACM

2819-B-A11A: ND
2819-B-A11B: ND
2819-B-A11C: ND



HM ID: 12
Duplex 2
Roof

Exterior
Black built-up roofing on wood roofing system.

Non-ACM

2819-B-A12A-Shingle: ND
2819-B-A12A-Felt: ND
2819-B-A12B-Shingle: ND
2819-B-A12B-Felt: ND
2819-B-A12C-Shingle: ND
2819-B-A12C-Tar: ND



HM ID: 13
Duplex 2
Floor 1

Exterior
Beige paint and skim coat on concrete block wall.

Non-ACM

2819-B-A13A: ND
2819-B-A13B: ND
2819-B-A13C: ND



HM ID: 57
Duplex 2
Floor 1

Room 2
White paint on drywall ceiling.

Non-LCP

2819-B-P28A: <40 mg/kg
2819-B-P28B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 58
Duplex 2
Floor 1
Room 1
Beige paint on drywall wall.
Non-LCP
2819-B-P29A: <40 mg/kg
2819-B-P29B: <40 mg/kg



HM ID: 59
Duplex 2
Floor 1
Room 1
Beige paint on wood door.
Non-LCP
2819-B-P30A: <40 mg/kg
2819-B-P30B: <40 mg/kg



HM ID: 60
Duplex 2
Floor 1
Exterior
Beige paint on concrete block wall.
Non-LCP
2819-B-P31A: <40 mg/kg
2819-B-P31B: <40 mg/kg



HM ID: 61
Duplex 2
Floor 1
Exterior
Beige paint on wood pillar.

Non-LCP
2819-B-P32A: <40 mg/kg
2819-B-P32B: <40 mg/kg



HM ID: 62
Duplex 2
Floor 1
Exterior
Brown paint on wood window frame.

Non-LCP
2819-B-P33A: <40 mg/kg
2819-B-P33B: <40 mg/kg



HM ID: 64
Duplex 2
Floor 1
Exterior
Brown paint on metal screen.

**Assumed LCP
(Baked on paint)**

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 65
Duplex 2
Floor 1

Exterior
Black paint on metal rear door.

**Assumed LCP
(Baked on paint)**

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Electrical Sheds										
1	Interior	Floor	113	Lt. gray	Concrete	None	ND	Good	400	sq. ft.
Roof	Exterior	Roofing system	114	Black	Shingles Tar	Wood	ND	Good	480	sq. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier

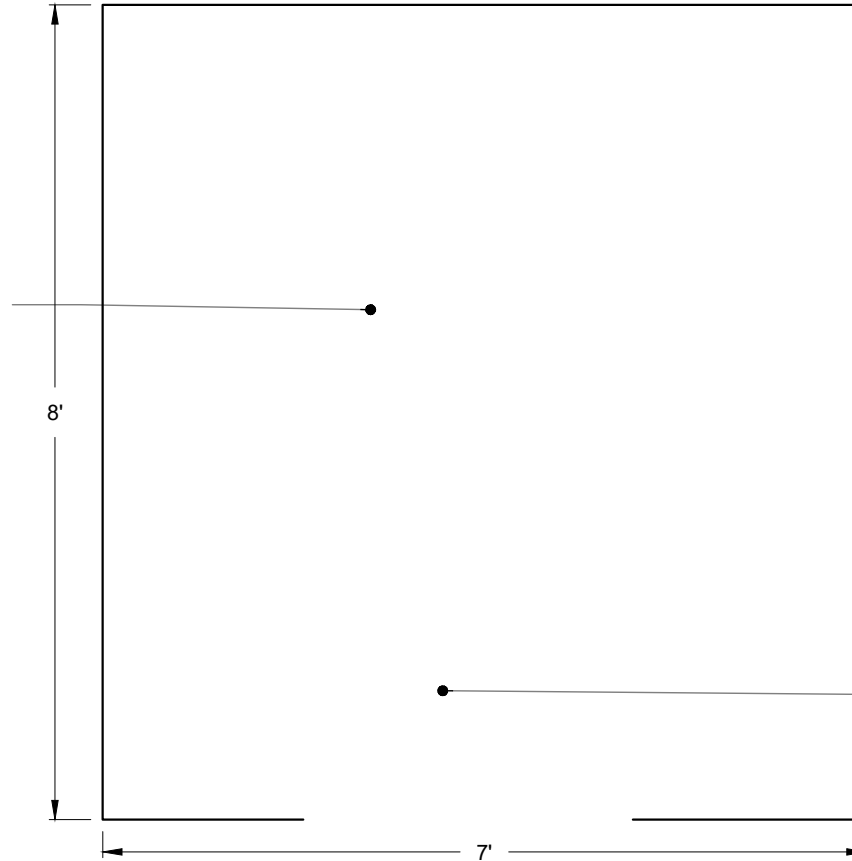
ln. ft. – Linear Feet

ND – Not Detected

sq. ft. – Square Feet

Electrical Shed
Interior
and Exterior

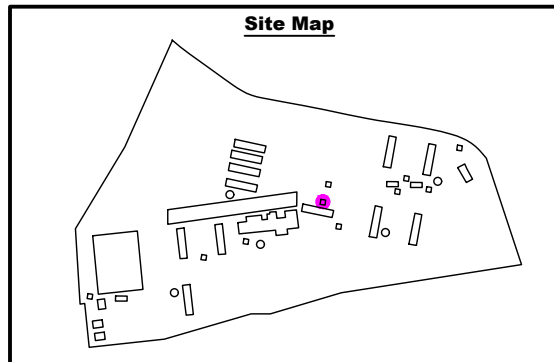
2819-A-A5A: ND
2819-A-A5B: ND
2819-A-A5C-Shingle: ND
2819-A-A5C-Tar: ND
HM ID: 114 (Black shingles and tar on wood roofing system)



2819-A-A4A: ND
2819-A-A4B: ND
2819-A-A4C: ND
HM ID: 113 (Light gray concrete floor)



Site Map



Myounghee Noh &
Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
ND - None Detected

Asbestos Sample Locations
Animal Quarantine Station Site
Electrical Shed Interior and Exterior

Sheet Number
D6 - 2

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Electrical Sheds										
1	Interior	110	Electrical boxes	Lt. gray	Paint	Metal	<40 mg/kg	Fair	40	sq. ft.
1	Exterior	111	Doors, eaves, purlins, walls	Off-white	Paint	Wood	<40 mg/kg	Good	240	sq. ft.
1	Exterior	112	Flashing	Off-white	Paint	Metal	<40 mg/kg	Fair	40	ln. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Abbreviations and Acronyms

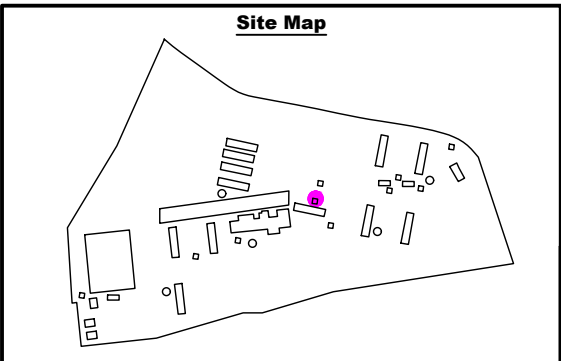
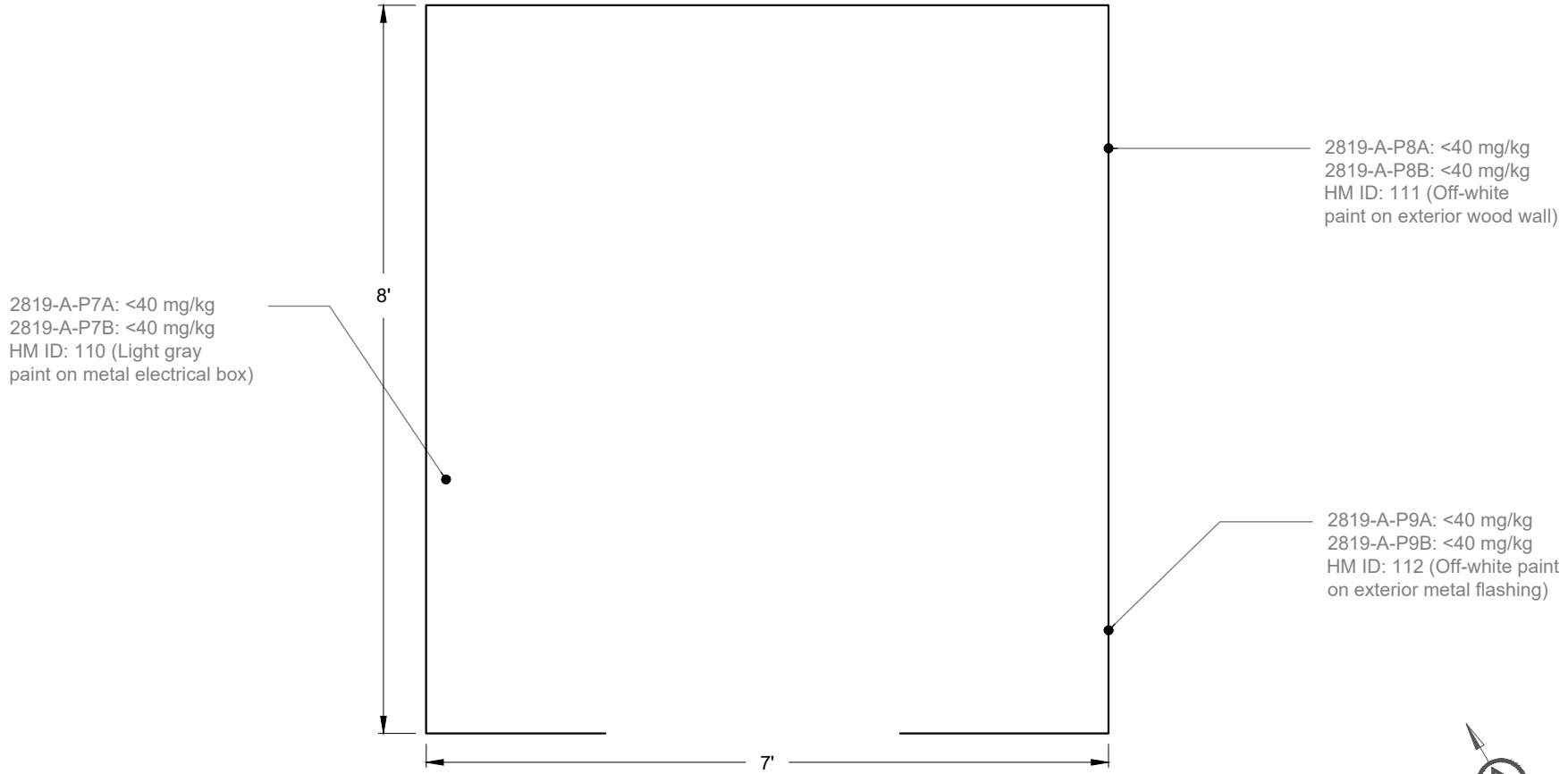
HM ID – Hazardous Material Identifier

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

Electrical Shed
Interior
and Exterior



Legend and Notes

HM ID - Hazardous Material Identifier
mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)

Myounghee Noh & Associates, L.L.C.

Lead Sample Locations
Animal Quarantine Station Site
Electrical Shed Interior and Exterior

Sheet Number
D6 - 4



HM ID: 110
Electrical Shed
Floor 1

Interior
Light gray paint on metal electrical box.

Non-LCP
2819-A-P7A: <40 mg/kg
2819-A-P7B: <40 mg/kg



HM ID: 111
Electrical Shed
Floor 1

Exterior
Off-white paint on wood wall.

Non-LCP
2819-A-P8A: <40 mg/kg
2819-A-P8B: <40 mg/kg



HM ID: 112
Electrical Shed
Floor 1

Exterior
Off-white paint on metal flashing.

Non-LCP
2819-A-P9A: <40 mg/kg
2819-A-P9B: <40 mg/kg



HM ID: 113
Electrical Shed
Floor 1

Interior
Light gray concrete floor.

Non-ACM
2819-A-A4A: ND
2819-A-A4B: ND
2819-A-A4C: ND



HM ID: 114
Electrical Shed
Roof

Exterior
Black tar shingles on wood roofing system.

Non-ACM
2819-A-A5A: ND
2819-A-A5B: ND
2819-A-A5C-Shingle: ND
2819-A-A5C-Tar: ND

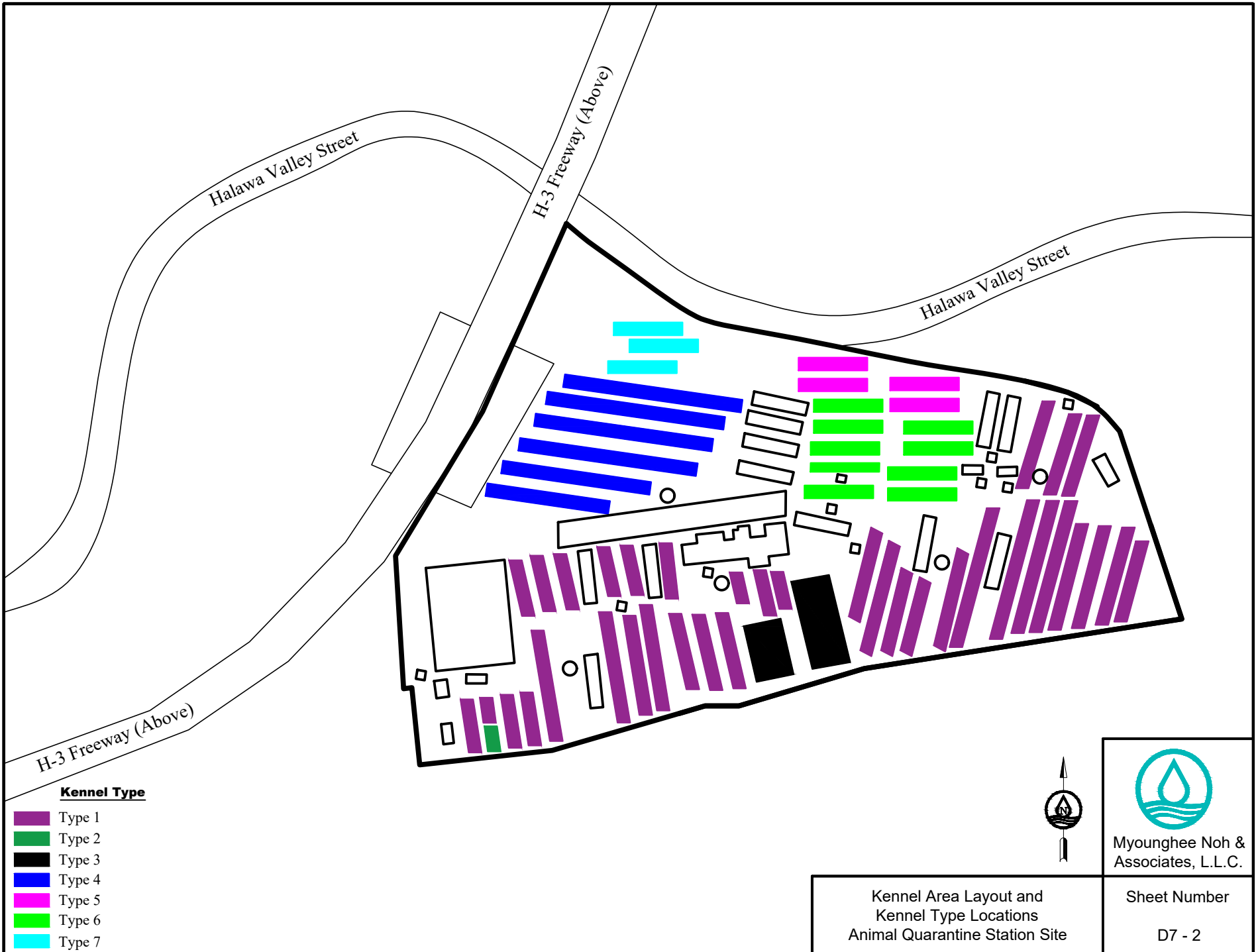
Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Kennel Type 1 – 7										
1	Interior	Floor	104	Lt. gray	Concrete	None	ND	Good	53,000	sq. ft.
1	Interior	Floor	105	Black	Coating	Concrete	ND	Fair	20	ln. ft.
1	Interior	Floor	109	Lt. gray	Concrete	None	ND	Good	7,800	sq. ft.
1	Interior	Floor	119	Lt. gray	Concrete	None	ND	Fair	7,300	sq. ft.
1	Interior	Floor	122	Lt. gray	Concrete	None	ND	Fair	5,800	sq. ft.
1	Interior	Floor	127	Lt. gray	Concrete	None	ND	Fair	9,900	sq. ft.
1	Interior	Floor	142	Lt. gray	Concrete	None	ND	Fair	3,200	sq. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.
Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier
ln. ft. – Linear Feet
ND – Not Detected
sq. ft. – Square Feet



Kennel Type

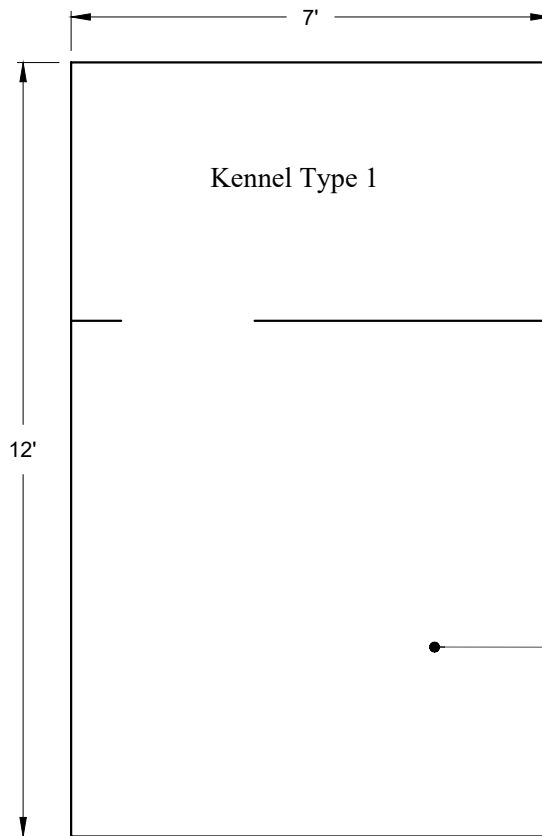
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5
- Type 6
- Type 7



Myounghee Noh &
Associates, L.L.C.

Kennel Area Layout and
Kennel Type Locations
Animal Quarantine Station Site

Sheet Number
D7 - 2



Kennel Type 1

12'

7'

2819-A-A1A: ND
 2819-A-A1B: ND
 2819-A-A1C: ND
 HM ID: 101 (Light gray
 concrete floor)



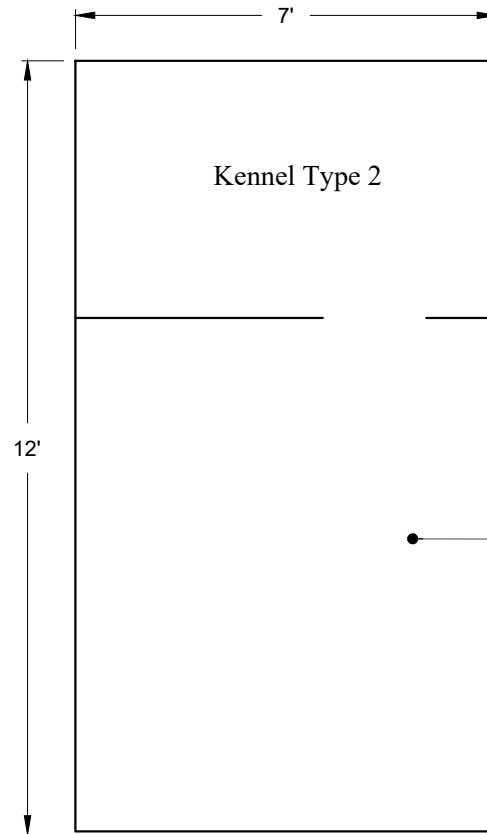
Myounghee Noh &
 Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Kennel Type 1 Interior and Exterior

Sheet Number
 D7 - 3



2819-A-A2A: ND
 2819-A-A2B: ND
 2819-A-A2C: ND
 HM ID: 105 (Black coating
 on concrete floor)



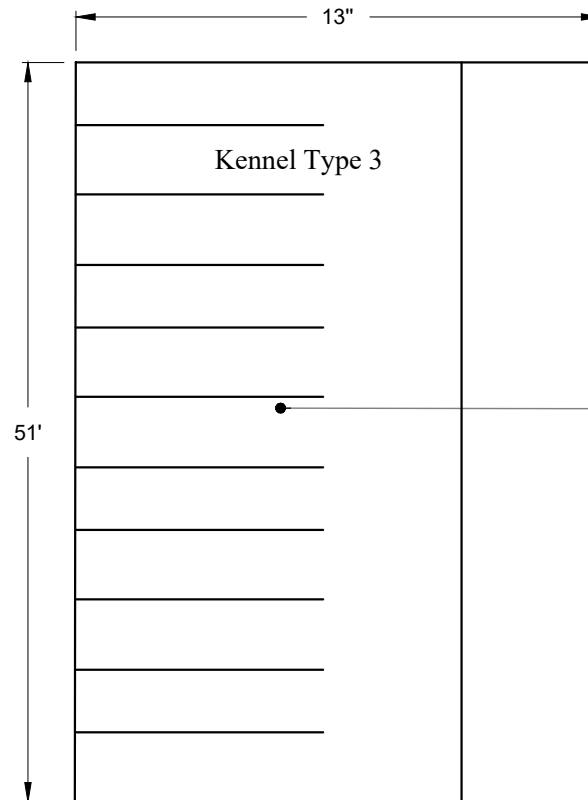
Myounghee Noh &
 Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Kennel Type 2 Interior and Exterior

Sheet Number
 D7 - 4



2819-A-A3A: ND
 2819-A-A3B: ND
 2819-A-A3C: ND
 HM ID: 109 (Light gray
 concrete floor)



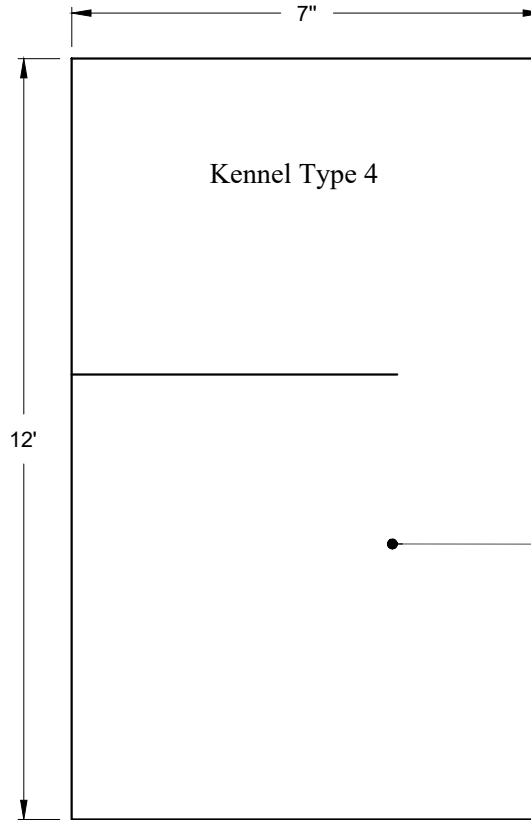
Myounghee Noh &
 Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Kennel Type 3 Interior and Exterior

Sheet Number
 D7 - 5



2819-A-A6A: ND
 2819-A-A6B: ND
 2819-A-A6C: ND
 HM ID: 119 (Light gray
 concrete floor)



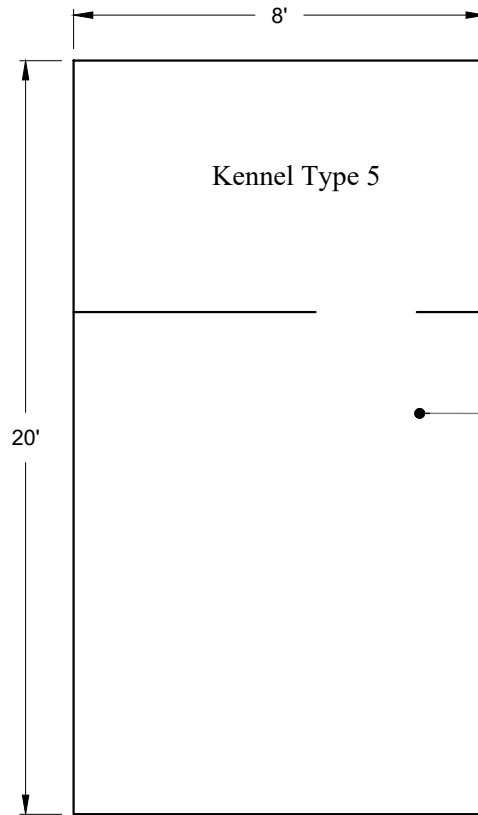
Myounghee Noh &
 Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Kennel Type 4 Interior and Exterior

Sheet Number
 D7 - 6



2819-A-A7A: ND
 2819-A-A7B: ND
 2819-A-A7C: ND
 HM ID: 122 (Light gray
 concrete floor)



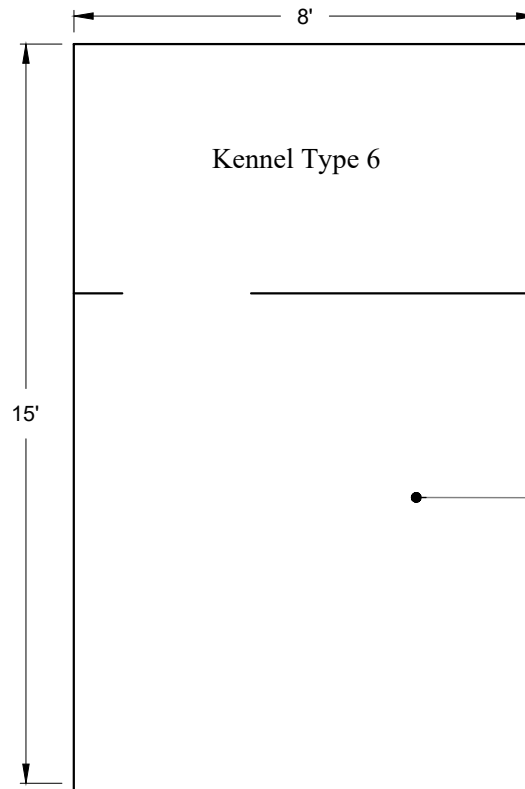
Myounghee Noh &
 Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Kennel Type 5 Interior and Exterior

Sheet Number
 D7 - 7



2819-A-A8A-Cement 1: ND
 2819-A-A8A-Cement 2: ND
 2819-A-A8B: ND
 2819-A-A8C-Cement 1: ND
 2819-A-A8C-Cement 2: ND
 HM ID: 127 (Light gray
 concrete floor)



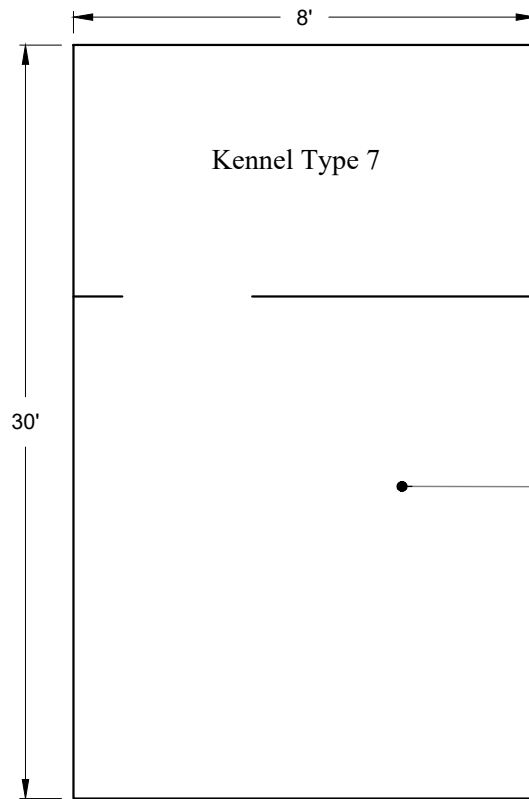
Myounghee Noh &
Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Kennel Type 6 Interior and Exterior

Sheet Number
 D7 - 8



2819-A-A18A: ND
 2819-A-A18B: ND
 2819-A-A18C: ND
 HM ID: 142 (Light gray
 concrete floor)



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Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Kennel Type 7 Interior and Exterior

Sheet Number
 D7 - 9

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Kennel Type 1 – 7										
1	Exterior	101	Walls	Off-white	Paint	Metal	LCP 110 - 160 mg/kg	Good	120,000	sq. ft.
1	Interior	102	Underside of roof, walls	Green	Paint	Metal	LCP 130 - 140 mg/kg	Good	151,000	sq. ft.
Roof	Exterior	103	Roofing system	Beige	Paint	Metal	LCP 120 - 170 mg/kg	Fair	83,000	sq. ft.
1	Exterior	106	Walls	Off-white	Paint	Metal	<40 mg/kg	Good	10,000	sq. ft.
1	Interior	107	Underside of roof, walls	Lt. green	Paint	Metal	LCP <40 - 43 mg/kg	Good	16,000	sq. ft.
Roof	Exterior	108	Roofing system	Beige	Paint	Metal	LCP 150 - 170 mg/kg	Fair	5,500	sq. ft.
1	Interior	115	Underside of roof, walls	White	Paint	Metal	LCP 340 - 390 mg/kg	Good	21,000	sq. ft.
1	Interior	116	Floor	Off-white	Paint	Concrete	<40 mg/kg	Fair	4,200	sq. ft.
1	Exterior	117	Walls	Off-white	Paint	Metal	<40 mg/kg	Good	17,000	sq. ft.
Roof	Exterior	118	Roofing system	Beige	Paint	Metal	LCP 99 - 160 mg/kg	Fair	12,000	sq. ft.
1	Exterior	120	Walls	Lt. blue	Paint	Metal	LBP 37,000 - 38,000 mg/kg	Poor	6,000	sq. ft.
1	Interior	121	Underside of roof	Yellow	Paint	Metal	LBP 73,000 - 74,000 mg/kg	Poor	4,700	sq. ft.
1	Exterior	123	Walls	Lt. blue	Paint	Metal	LBP 40,000 - 43,000 mg/kg	Poor	9,900	sq. ft.
1	Interior	124	Underside of roof	White	Paint	Metal	LCP 420 - 470 mg/kg	Good	8,200	sq. ft.
1	Interior	125	Underside of roof	Green	Paint	Metal	LBP 69,000 - 74,000 mg/kg	Poor	6,600	sq. ft.
Roof	Exterior	126	Roofing system	Beige	Paint	Metal	LCP 74 - 100 mg/kg	Fair	8,200	sq. ft.
1	Interior	141	Underside of roof, walls	Green	Paint	Metal	LCP 2,400 - 2,500 mg/kg	Fair	5,200	sq. ft.

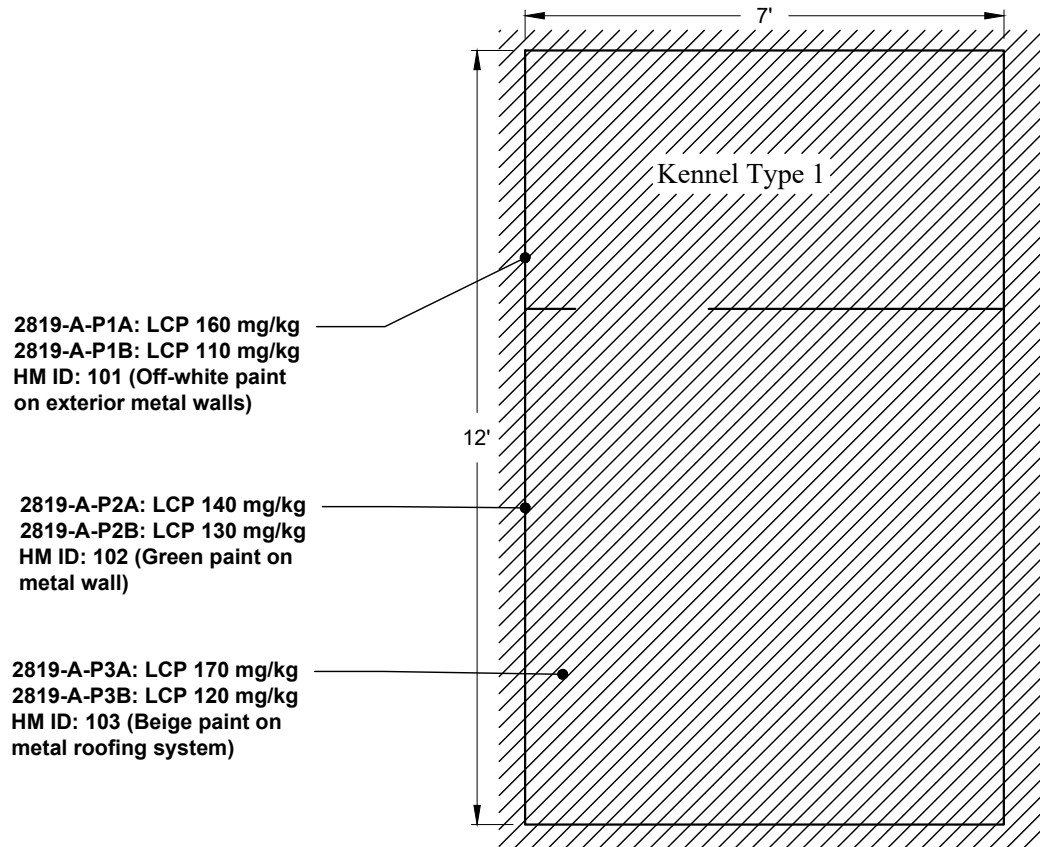
Bold values indicate results above the reporting limit.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.
Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.
Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier
LBP – Lead-Based Paint, >5,000 mg/kg
LCP – Lead-Containing Paint, <5,000 mg/kg
ln.ft. – Linear Feet
mg/kg– milligrams per kilogram or parts per million
sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
101	Exterior walls	Off-white	Metal	LCP 110 - 160
102	Underside of roof, walls	Green	Metal	LCP 130 - 140
103	Roofing system	Beige	Metal	LCP 120 - 170



Legend and Notes

/// Visual Extent of Lead-Containing Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)

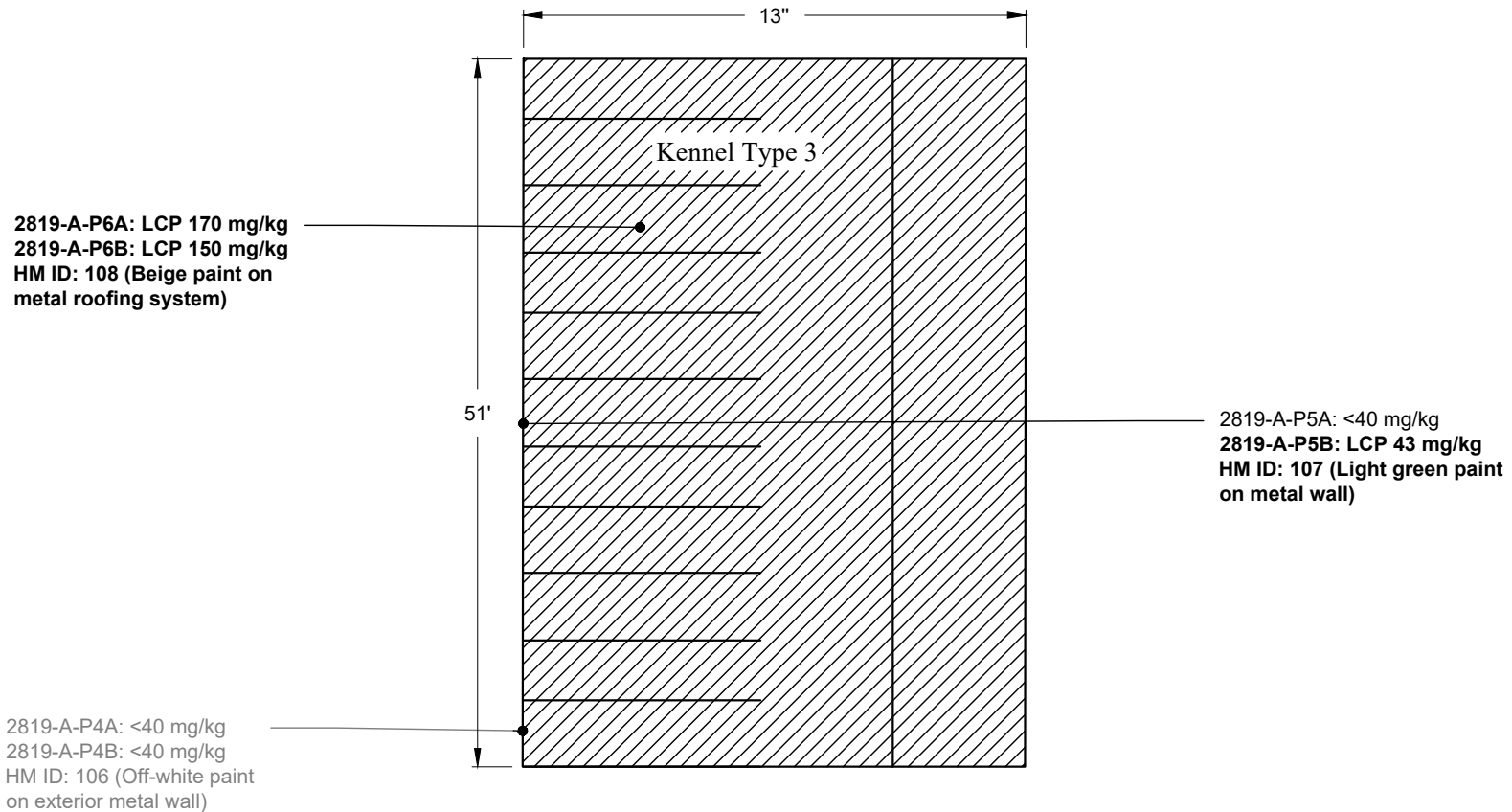


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Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Kennel Type 1 Interior and Exterior

Sheet Number
D7 - 11

HM ID	Locations	Color	Substrate	Results (mg/kg)
107	Underside of roof, walls	Lt. green	Metal	LCP <40 - 43
108	Roofing system	Beige	Metal	LCP 150 - 170



Legend and Notes

/// Visual Extent of Lead-Containing Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)

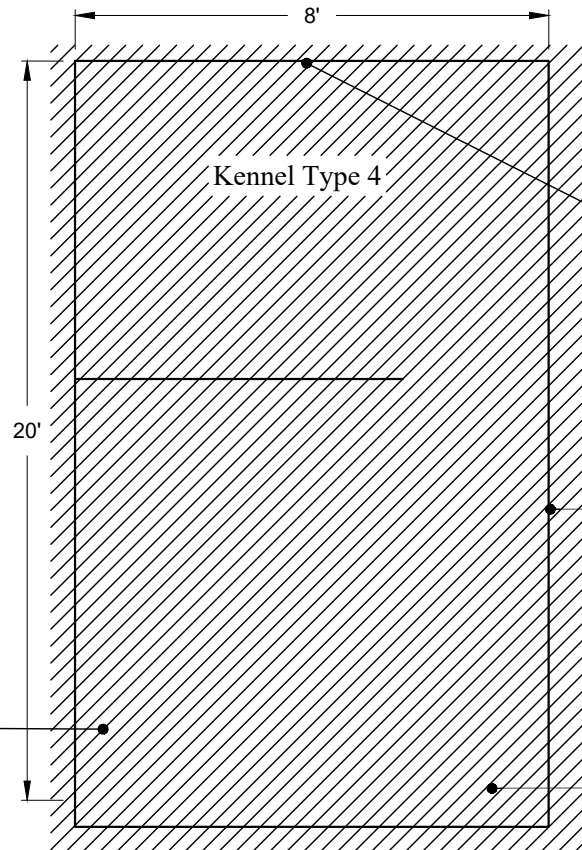


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Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Kennel Type 3 Interior and Exterior

Sheet Number
 D7 - 12

HM ID	Locations	Color	Substrate	Results (mg/kg)
115	Underside of roof, walls	White	Metal	LCP 340 - 390
118	Roofing system	Beige	Metal	LCP 99 - 160



2819-A-P13B: LCP 160 mg/kg
 2819-A-P13B: LCP 99 mg/kg
 HM ID: 118 (Beige paint on metal roofing system)

2819-A-P10B: LCP 340 mg/kg
 2819-A-P10B: LCP 390 mg/kg
 HM ID: 115 (White paint on metal wall)

2819-A-P12A: <40 mg/kg
 2819-A-P12B: <40 mg/kg
 HM ID: 117 (Off-white paint on exterior metal wall)

2819-A-P11A: <40 mg/kg
 2819-A-P11B: <40 mg/kg
 HM ID: 116 (Off-white paint on concrete floor)

Legend and Notes

/// Visual Extent of Lead-Containing Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)

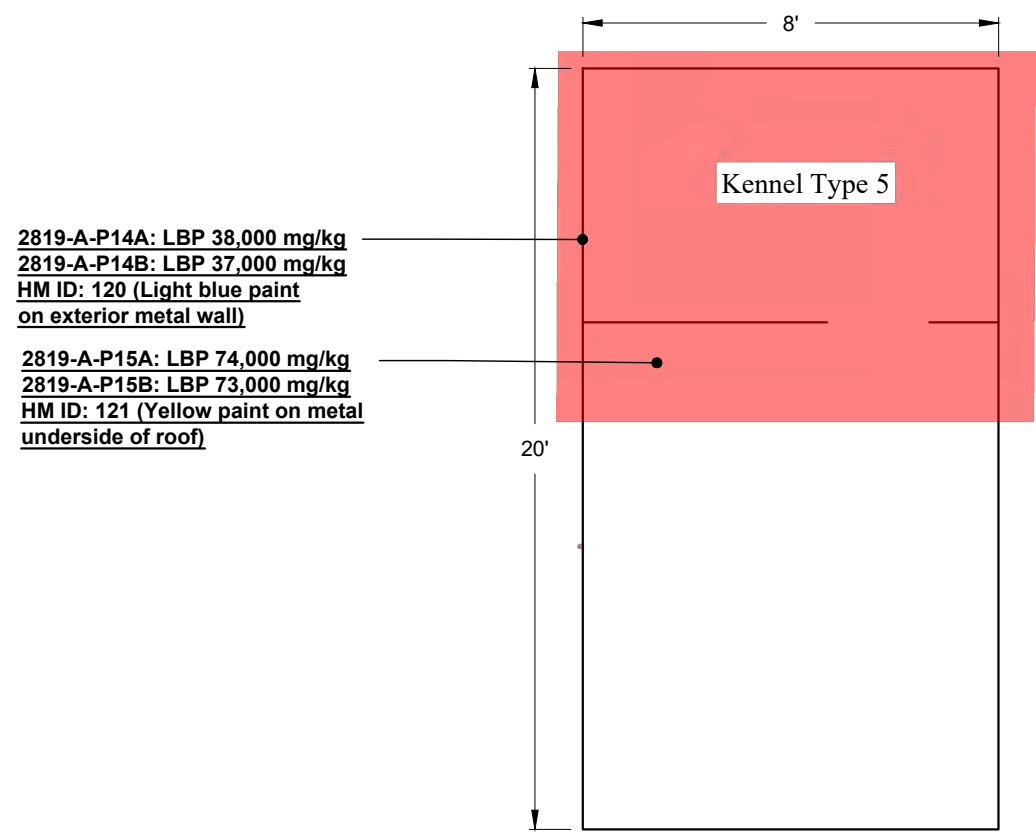


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Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Kennel Type 4 Interior and Exterior

Sheet Number
 D7 -13

HM ID	Locations	Color	Substrate	Results (mg/kg)
120	Exterior walls	Lt. blue	Metal	LBP 37,000 - 38,000
121	Underside of roof	Yellow	Metal	LBP 73,000 - 74,000



Legend and Notes

Visual Extent of Lead-Based Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



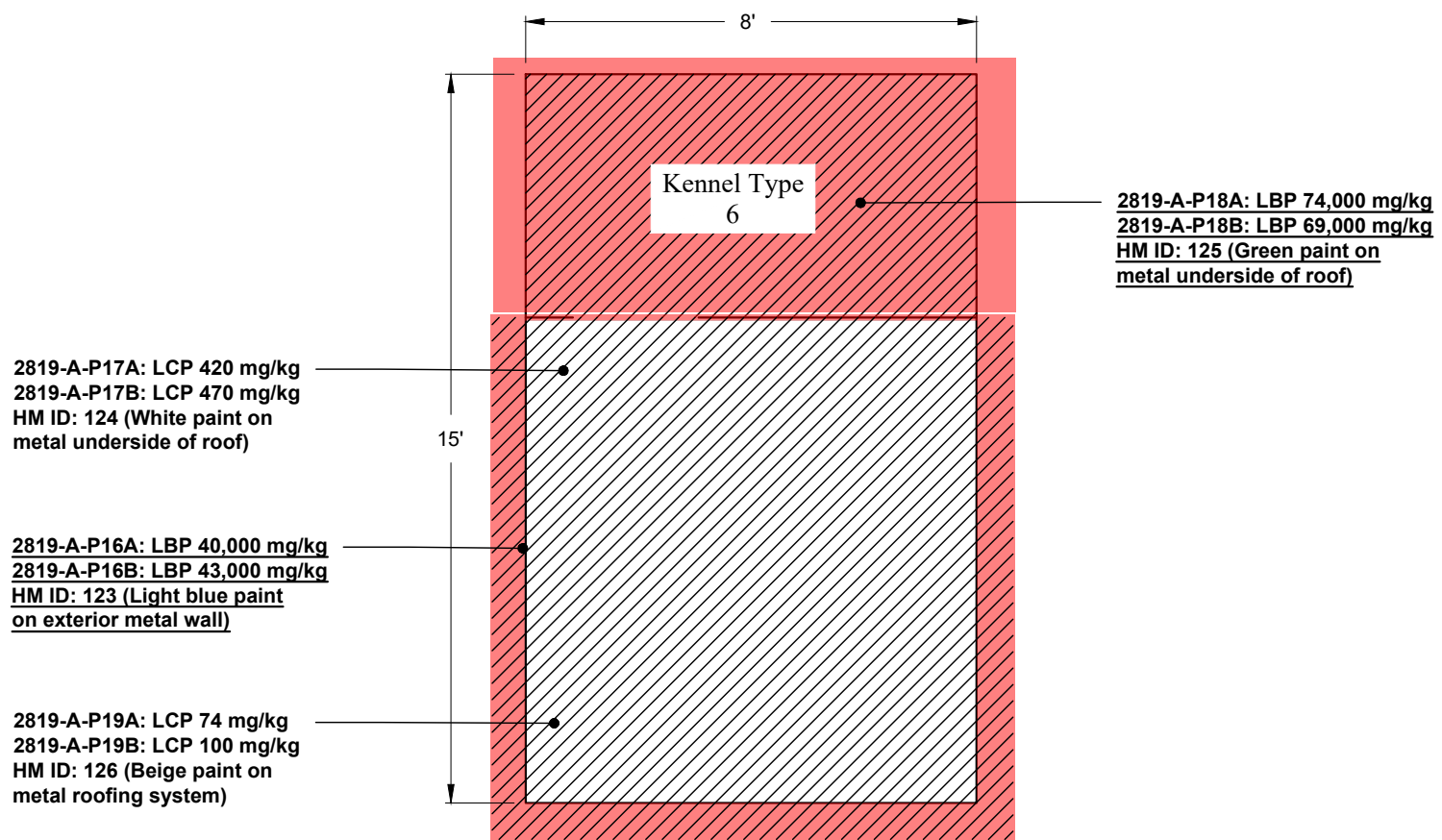
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Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Kennel Type 4 Interior and Exterior

Sheet Number
 D7 - 14


HM ID	Locations	Color	Substrate	Results (mg/kg)
123	Exterior walls	Lt. blue	Metal	LBP 40,000 - 43,000
124	Underside of roof	White	Metal	LCP 420 - 470

HM ID	Locations	Color	Substrate	Results (mg/kg)
125	Underside of roof	Green	Metal	LBP 69,000 - 74,000
126	Roofing system	Beige	Metal	LCP 74 - 100



Legend and Notes

- Visual Extent of Lead-Based Paint
- Visual Extent of Lead-Containing Paint
- Bold values indicate results above the detection limit.**
- HM ID - Hazardous Material Identifier
- LBP - Lead-Based Paint > 5,000 mg/kg
- LCP - Lead-Containing Paint < 5,000 mg/kg
- mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)

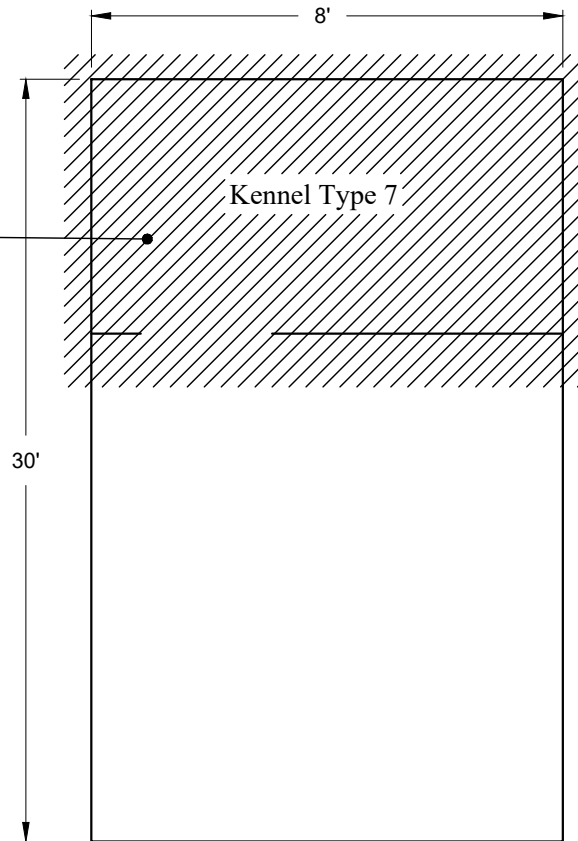


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Associates, L.L.C.

Lead Sample and Hazardous Material Locations Animal Quarantine Station Site Kennel Type 6 Interior and Exterior	Sheet Number D7 - 15
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HM ID	Locations	Color	Substrate	Results (mg/kg)
141	Underside of roof, walls	Green	Metal	LCP 2,400 - 2,500

2819-A-P25B: LCP 2,500 mg/kg
 2819-A-P25B: LCP 2,400 mg/kg
 HM ID: 141 (Green paint on metal underside of roof)



Legend and Notes

/// Visual Extent of Lead-Containing Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Kennel Type 7 Interior and Exterior

Sheet Number
 D7 - 16



HM ID: 101
Kennel Type 1
Floor 1

Exterior
Off-white paint on metal wall.

LCP
2819-A-P1A: 160 mg/kg
2819-A-P1B: 110 mg/kg



HM ID: 102
Kennel Type 1
Floor 1

Interior
Green paint on metal wall.

LCP
2819-A-P2A: 140 mg/kg
2819-A-P2B: 130 mg/kg



HM ID: 103
Kennel Type 1
Roof

Exterior
Beige paint on metal roofing system.

LCP
2819-A-P3A: 170 mg/kg
2819-A-P3B: 120 mg/kg



HM ID: 104
Kennel Type 1
Floor 1

Interior
Light gray concrete floor.

Non-ACM

2819-A-A1A: ND
2819-A-A1B: ND
2819-A-A1C: ND



HM ID: 105
Kennel Type 2
Floor 1

Interior
Black coating on concrete floor.

Non-ACM

2819-A-A2A: ND
2819-A-A2B: ND
2819-A-A2C: ND



HM ID: 106
Kennel Type 3
Floor 1

Exterior
Off-white paint on metal wall.

Non-LCP

2819-A-P4A: <40 mg/kg
2819-A-P4B: <40 mg/kg



HM ID: 107
Kennel Type 3
Floor 1

Interior
Light green paint on metal wall.

LCP
2819-A-P5A: 43 mg/kg
2819-A-P5B: <40 mg/kg



HM ID: 108
Kennel Type 3
Roof

Exterior
Beige paint on metal roofing system.

LCP
2819-A-P6A: 170 mg/kg
2819-A-P6B: 150 mg/kg



HM ID: 109
Kennel Type 3
Floor 1

Interior
Light gray concrete floor.

Non-ACM
2819-A-A3A: ND
2819-A-A3B: ND
2819-A-A3C: ND



HM ID: 115
Kennel Type 4
Floor 1

Interior
White paint on metal wall.

LCP
2819-A-P10A: 340 mg/kg
2819-A-P10B: 390 mg/kg



HM ID: 116
Kennel Type 4
Floor 1

Interior
Off-white paint on concrete floor.

Non-LCP
2819-A-P11A: <40 mg/kg
2819-A-P11B: <40 mg/kg

v



HM ID: 117
Kennel Type 4
Floor 1

Exterior
Off-white paint on metal wall.

Non-LCP
2819-A-P12A: <40 mg/kg
2819-A-P12B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 118
Kennel Type 4
Roof

Exterior
Beige paint on metal roofing system.

LCP
2819-A-P13A: 160 mg/kg
2819-A-P13B: 99 mg/kg



HM ID: 119
Kennel Type 4
Floor 1

Interior
Light gray concrete floor.

Non-ACM
2819-A-A6A: ND
2819-A-A6B: ND
2819-A-A6C: ND



HM ID: 120
Kennel Type 5
Floor 1

Exterior
Light blue paint on metal wall.

LBP
2819-A-P14A: 38,000 mg/kg
2819-A-P14B: 37,000 mg/kg



HM ID: 121
Kennel Type 5
Floor 1

Interior
Yellow paint on metal underside of roof.

LBP
2819-A-P15A: 74,000 mg/kg
2819-A-P15B: 73,000 mg/kg



HM ID: 122
Kennel Type 5
Floor 1

Interior
Light gray concrete floor.

Non-ACM
2819-A-A7A: ND
2819-A-A7B: ND
2819-A-A7C: ND



HM ID: 123
Kennel Type 6
Floor 1

Exterior
Light blue paint on metal wall.

LBP
2819-A-P16A: 40,000 mg/kg
2819-A-P16B: 43,000 mg/kg



HM ID: 124
Kennel Type 6
Floor 1

Interior
White paint on metal underside of roof.

LCP
2819-A-P17A: 420 mg/kg
2819-A-P17B: 470 mg/kg



HM ID: 125
Kennel Type 6
Floor 1

Interior
Green paint on metal underside of roof.

LBP
2819-A-P18A: 74,000 mg/kg
2819-A-P18B: 69,000 mg/kg



HM ID: 126
Kennel Type 6
Roof

Exterior
Beige paint on metal roofing system.

LCP
2819-A-P19A: 74 mg/kg
2819-A-P19B: 100 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 127
Kennel Type 6
Floor 1

Interior
Light gray concrete floor.

Non-ACM
2819-A-A8A: ND
2819-A-A8B: ND
2819-A-A8C-Cementitious 1: ND
2819-A-A8C-Cementitious 2: ND



HM ID: 141
Kennel Type 7
Floor 1

Interior
Green paint on metal wall.

LCP
2819-A-P25A: 2,400 mg/kg
2819-A-P25B: <40 mg/kg



HM ID: 142
Kennel Type 7
Floor 1

Interior
Light gray concrete floor.

2819-A-A18A: ND
2819-A-A18B: ND
2819-A-A18C: ND

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Maintenance Shop										
1	Exterior	Walls	210	White	Paint/skim coat	Concrete block	ND	Fair	10,600	sq. ft.
1	Exterior	Door frames, walls, window ledges	211	White	Caulking	Metal	ND	Fair	200	ln. ft.
1	Exterior	Window frames	212	Black	Caulking	Metal	ND	Fair	20	ln. ft.
1	Exterior	Window ledges	213	White	Paint/skim coat	Concrete	ND	Good	60	sq. ft.
1	Exterior	Ducting	214	Silver Yellow	Wrap Insulation	Metal	ND	Good	300	sq. ft.
1	Plenum	Ducting	244	Silver Yellow	Wrap Insulation	Metal	ND	Good	600	sq. ft.
1	Plenum	Ceiling	245	White Yellow	Wrap Insulation	Metal	ND	Good	3,000	sq. ft.
1	Plenum	Wall	246	Brown Yellow	Wrap Insulation	Drywall	ND	Fair	2,800	sq. ft.
1	Restroom, Warehouse	Walls	235	Off-white	Paint/skim coat	Concrete block	ND	Good	4,500	sq. ft.
1	Restrooms 1 and 2	Walls	236	Lt. gray	4" x 4" Ceramic tile Grout	Concrete block	ND	Good	340	sq. ft.
1	Restrooms 1 and 2	Floors	237	White	1" x 1" Ceramic tile Grout	Concrete	ND	Good	210	sq. ft.
1	Room 1	Ceiling	243	White	2' x 4' Acoustic tile	None	ND	Good	2,600	sq. ft.
1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Walls	240	Beige	Paint/skim coat	Concrete block	ND	Good	800	sq. ft.
1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Ceilings, walls	241	Beige over white	Drywall Joint compound	Concrete block	ND	Good	2,500	sq. ft.
1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Floors	242	Beige	Paint/skim coat	Concrete	ND	Good	3,000	sq. ft.
1	Room 1, Storage Room 1, Target Prep Room, Wash Room	Walls	247	Beige	Cove base Mastic	Concrete block	ND	Good	400	ln. ft.
1	Room 1, Storage Room 1, Wash Room	Window frames	238	White	Caulking	Metal	ND	Fair	80	ln. ft.

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
1	Storage Room 1, Warehouse	Floor, walls	239	White	Paint/skim coat	Concrete	ND	Fair	80	sq. ft.
Roof	Exterior	Roofing system	215	White	Caulking	Metal	ND	Fair	200	ln. ft.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.
Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

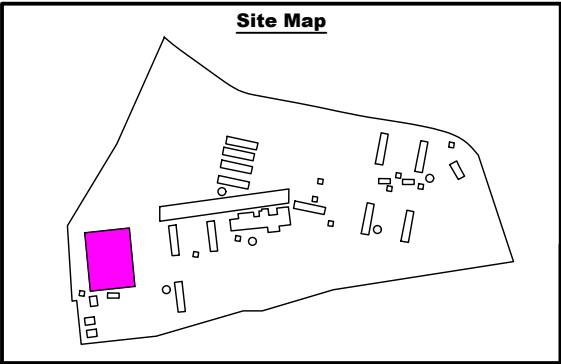
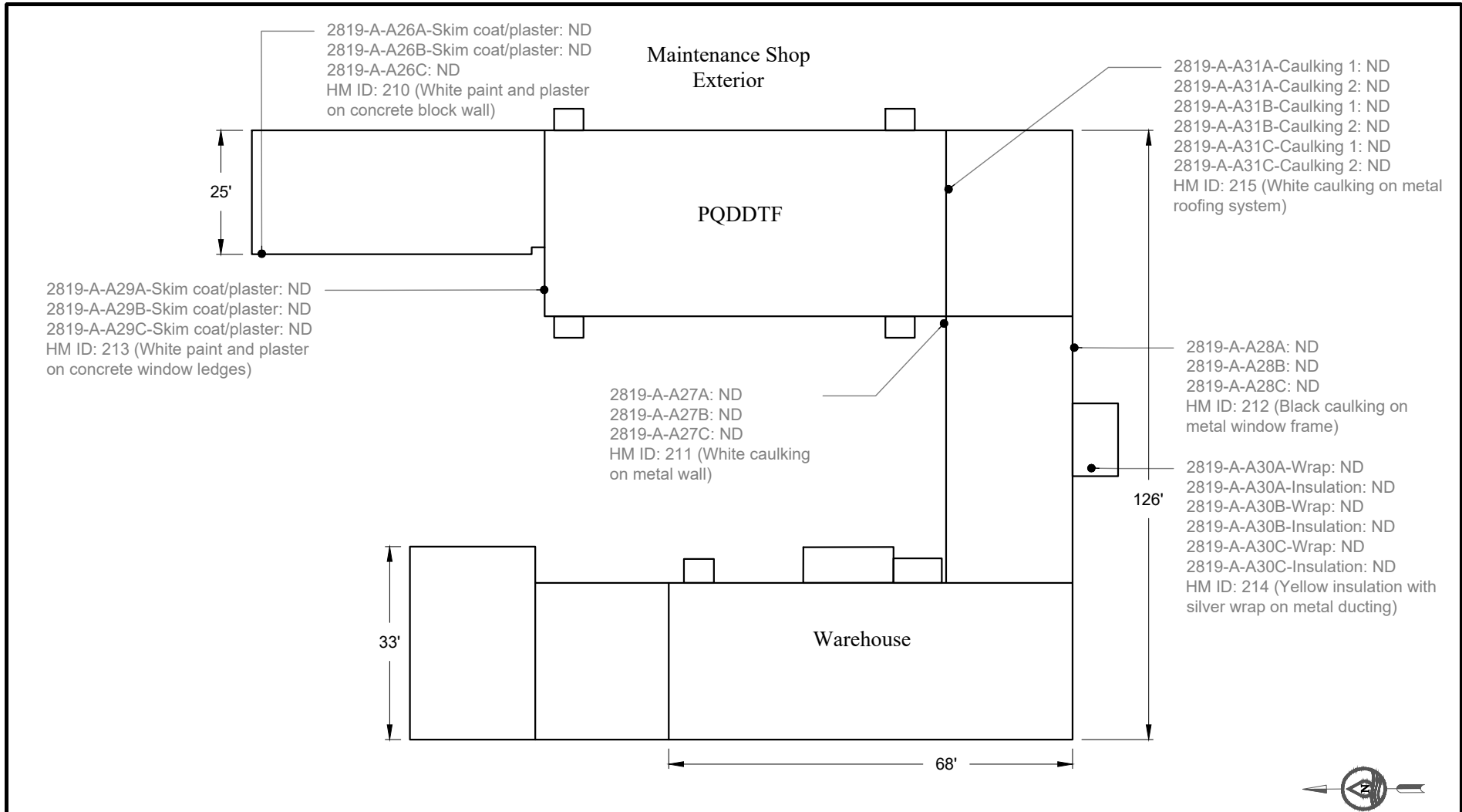
Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier

ln. ft. – Linear Feet

ND – Not Detected

sq. ft. – Square Feet



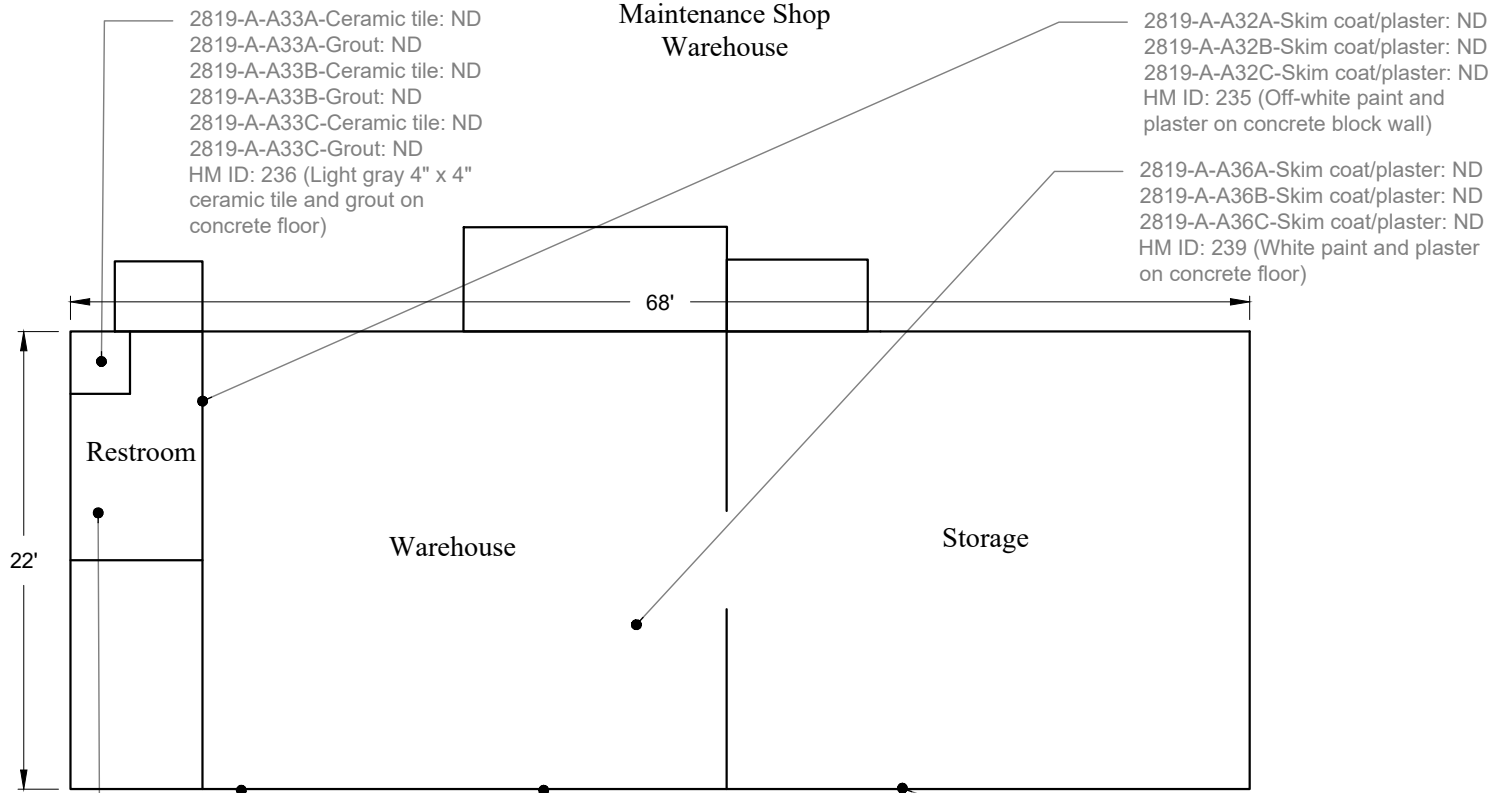
Asbestos Sample Locations
 Animal Quarantine Station Site
 Maintenance Shop Exterior

Sheet Number
 D8 - 3

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Maintenance Shop
Warehouse



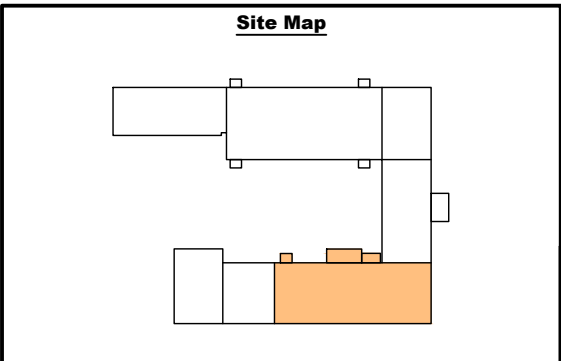
2819-A-A34A-Ceramic tile: ND
2819-A-A34A-Grout: ND
2819-A-A34B-Ceramic tile: ND
2819-A-A34B-Grout: ND
2819-A-A34C-Ceramic tile: ND
2819-A-A34C-Grout: ND
HM ID: 237 (White 1" x 1" ceramic tile and grout on concrete floor)

2819-A-A35A: ND
HM ID: 238 (White caulking on metal window frame)

2819-A-A35B: ND
HM ID: 238 (White caulking on metal window frame)

2819-A-A35C: ND
HM ID: 238 (White caulking on metal window frame)

Site Map



Myounghee Noh & Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
ND - None Detected

Asbestos Sample Locations
Animal Quarantine Station Site
Maintenance Shop
Warehouse Interior

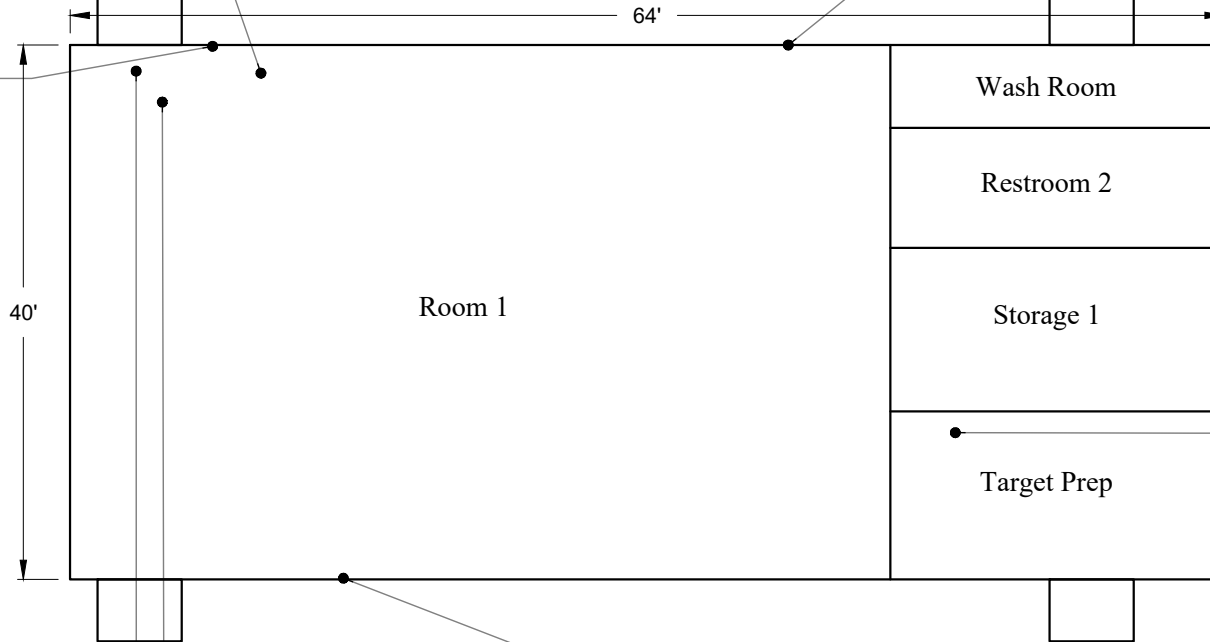
Sheet Number
D8 - 4

2819-A-A41A-Wrap: ND
 2819-A-A41A-Insulation: ND
 2819-A-A41B-Wrap: ND
 2819-A-A41B-Insulation: ND
 2819-A-A41C-Wrap: ND
 2819-A-A41C-Insulation: ND
 HM ID: 244 (Yellow insulation with silver wrap on metal plenum ducting)

Maintenance Shop
 Plant Quarantine
 Detector/Dog Training
 Facility (PQDDTF)

2819-A-A43A-Wrap: ND
 2819-A-A43A-Insulation: ND
 2819-A-A43B-Wrap: ND
 2819-A-A43B-Insulation: ND
 2819-A-A43C-Wrap: ND
 2819-A-A43C-Insulation: ND
 HM ID: 246 (Yellow insulation with brown wrap on metal plenum wall)

2819-A-A38A: ND
 2819-A-A38B: ND
 2819-A-A38C-Joint compound: ND
 HM ID: 241 (Beige on white drywall and joint compound on concrete block wall)



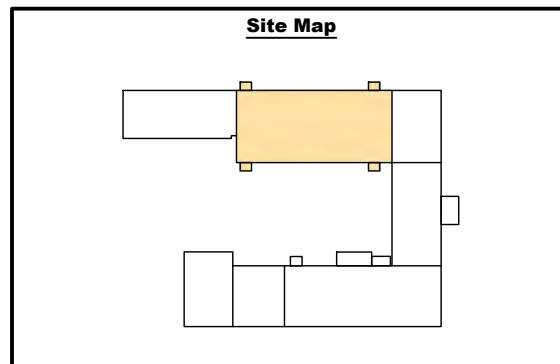
2819-A-A44A-Cove base: ND
 2819-A-A44A-Mastic: ND
 2819-A-A44B-Cove base: ND
 2819-A-A44B-Mastic: ND
 2819-A-A44C-Cove base: ND
 2819-A-A44C-Mastic: ND
 HM ID: 247 (Beige cove base and mastic on concrete block wall)

2819-A-A39A-Texture: ND
 2819-A-A39A-Skim coat: ND
 2819-A-A39B-Texture: ND
 2819-A-A39B-Skim coat: ND
 2819-A-A39C-Texture: ND
 2819-A-A39C-Skim coat: ND
 HM ID: 242 (Beige paint and skim coat on concrete floor)

2819-A-A42A-Wrap: ND
 2819-A-A42A-Insulation: ND
 2819-A-A42B-Wrap: ND
 2819-A-A42B-Insulation: ND
 2819-A-A42C-Wrap: ND
 2819-A-A42C-Insulation: ND
 HM ID: 245 (Yellow insulation with white wrap on drywall plenum ceiling)

2819-A-A40A: ND
 2819-A-A40B: ND
 2819-A-A40C: ND
 HM ID: 243 (White 2' x 4' acoustic tile on ceiling)

2819-A-A37A-Skim coat/plaster: ND
 2819-A-A37B-Skim coat/plaster: ND
 2819-A-A37C-Skim coat/plaster: ND
 HM ID: 240 (Beige paint and plaster on concrete block wall)



Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected



Myounghee Noh &
 Associates, L.L.C.

Asbestos Sample Locations
 Animal Quarantine Station Site
 Maintenance Shop
 PQDDTF Building Interior

Sheet Number
 D8 - 5

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Maintenance Shop										
1	Exterior	197	Walls	White	Paint	Concrete block	LCP 91 - 100 mg/kg	Fair	11,000	sq. ft.
1	Exterior	198	Walls	Yellow	Paint	Concrete block	LBP 19,000 - 25,000 mg/kg	Fair	20	sq. ft.
1	Exterior	199	Doors, door frames, downspouts, eaves, gutters, roll-up doors, roll-up door frames, sliding doors, underside of roof, walls, window frames, window ledges	Off-white	Paint	Metal	<40 mg/kg	Fair	17,000	sq. ft.
1	Exterior	200	Conduit, electrical boxes, I-beams, purlins	White	Paint	Metal	LBP 160,000 - 240,000 mg/kg	Poor	5,000	sq. ft.
1	Exterior	201	Corner trim, gate, handrail, I-beams	Yellow	Paint	Metal	LBP 35,000 - 38,000 mg/kg	Fair	100	sq. ft.
1	Exterior	202	Doors, door frames	Lt. gray	Paint	Metal	LCP 1,100 - 3,800 mg/kg	Good	120	sq. ft.
1	Exterior	203	Parking lanes	White	Paint	Asphalt	LCP 68 - 93 mg/kg	Fair	40	ln. ft.
1	Exterior	204	Window ledges	White	Paint	Concrete	<40 mg/kg	Good	40	sq. ft.
1	Exterior	205	Curb	Yellow	Paint	Concrete	LCP 860 - 930 mg/kg	Fair	20	sq. ft.
1	Exterior	206	Underside of roof	Green	Paint	Metal	<40 mg/kg	Fair	20	sq. ft.
1	Exterior	207	Curb	Blue	Paint	Concrete	LCP 75 - 210 mg/kg	Fair	20	ln. ft.
Roof	Exterior	208	Roofing system	White	Paint	Metal	<40 mg/kg	Fair	10,200	sq. ft.
Roof	Exterior	209	Roofing system	White	Coating	Metal	<40 mg/kg	Good	200	sq. ft.
1	Restroom, Storage Room, Warehouse	216	Walls	Off-white	Paint	Concrete block	LCP 46 - 53 mg/kg	Good	4,000	sq. ft.
1	Restroom, Room 1, Storage Room, Warehouse	217	Underside of roof, walls	Lt. gray	Paint	Metal	LCP 2,300 - 2,400 mg/kg	Fair	7,000	sq. ft.
1	Plenum, Restroom, Storage Room, Warehouse	218	Doors, door frames, I-beams, purlins, trim	Off-white	Paint	Metal	LBP 140,000 mg/kg	Fair	3,000	sq. ft.
1	Storage, Warehouse	220	Floors, walls	White	Paint	Concrete	LCP <40 - 96 mg/kg	Fair	80	sq. ft.
1	Storage, Warehouse	221	Floors	Yellow	Paint	Concrete	LBP 39,000 - 41,000 mg/kg	Fair	800	ln. ft.

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
1	Storage, Warehouse	222	Columns, doors, door frames, I-beams, purlins	Beige	Paint	Metal	LBP 5,800 - 7,300 mg/kg	Good	1,500	sq. ft.
1	Storage, Warehouse	223	Electrical boxes	Dk. gray	Paint	Metal	LBP 2,800 - 11,000 mg/kg	Fair	100	sq. ft.
1	Storage, Warehouse	224	Conduit	White	Paint	Metal	LCP 340 - 650 mg/kg	Fair	200	ln. ft.
1	Warehouse	225	Floor	Gray	Paint	Concrete	LCP 83 - 93 mg/kg	Fair	100	sq. ft.
1	Warehouse	226	Door, door frame	Off-white	Paint	Wood	LCP <40 - 40 mg/kg	Good	40	sq. ft.
1	Warehouse	227	Walls	White	Paint	Concrete block	LCP 110 mg/kg	Good	140	sq. ft.
1	Warehouse	228	Floor	Blue	Paint	Concrete	LCP 700 - 800 mg/kg	Fair	40	ln. ft.
1	Restroom	229	Wall	Lt. pink	Paint	Concrete	LCP 86 - 110 mg/kg	Good	300	sq. ft.
1	Restroom 1, Room 1, Storage Room 1, Target Prep Room, Wash Room	230	Walls	Lt. beige	Paint	Concrete block	<40 mg/kg	Good	800	sq. ft.
1	Restroom 1, Room 1, Storage Room 1, Target Prep Room, Wash Room	231	Ceilings, walls	Lt. beige	Paint	Drywall	<40 mg/kg	Good	2,400	sq. ft.
1	Room 1	232	Wall	Beige	Paint	Drywall	<40 mg/kg	Good	120	sq. ft.
1	Room 1, Storage Room 1, Target Prep Room, Wash Room	233	Doors, door frames	Beige	Paint	Wood	<40 mg/kg	Good	160	sq. ft.
1	Room 1, Storage Room 1, Target Prep Room, Wash Room	234	Floors	Beige	Paint	Concrete	<40 mg/kg	Good	3,000	sq. ft.

Bold values indicate results above the reporting limit.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

LBP – Lead-Based Paint, >5,000 mg/kg

LCP – Lead-Containing Paint, <5,000 mg/kg

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

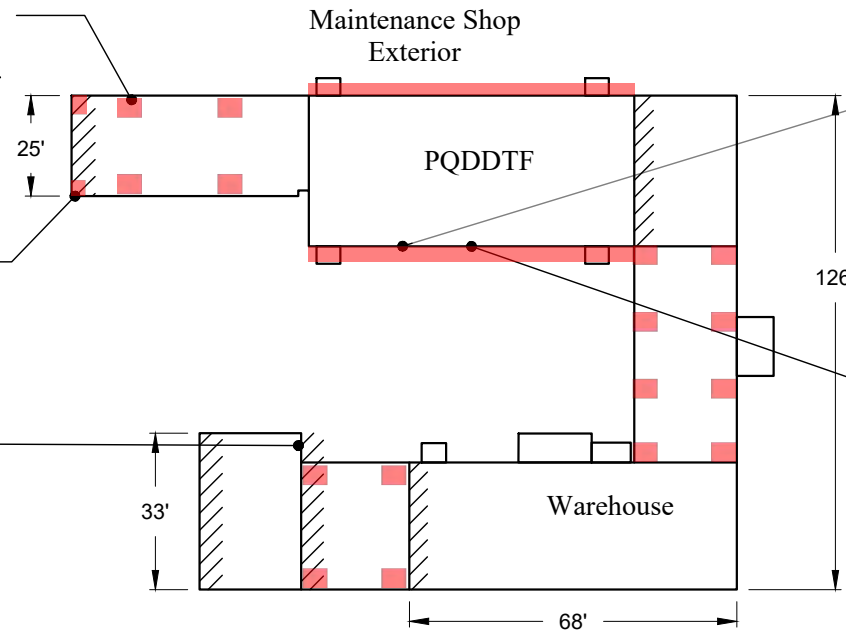
sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
197	Walls	White	Concrete block	LCP 91 - 100
198	Walls	Yellow	Concrete block	LBP 19,000 - 25,000
200	Conduit, electrical boxes, I-beams, purlins	White	Metal	LBP 160,000 - 240,000
201	Corner trim, gate, handrail, I-beams	Yellow	Metal	LBP 35,000 - 38,000

2819-A-P37A: LBP 160,000 mg/kg
2819-A-P37B: LBP 240,000 mg/kg
HM ID: 200 (White paint on metal I-beam)

2819-A-P38A: LBP 38,000 mg/kg
2819-A-P38B: LBP 35,000 mg/kg
HM ID: 201 (Yellow paint on metal beam)


2819-A-P34A: LCP 91 mg/kg
2819-A-P34B: LCP 100 mg/kg
HM ID: 197 (White paint on concrete block wall)



2819-A-P36A: <40 mg/kg
2819-A-P36B: <40 mg/kg
HM ID: 199 (Off-white paint on metal door frame)

2819-A-P35A: LBP 25,000 mg/kg
2819-A-P35B: LBP 19,000 mg/kg
HM ID: 198 (Yellow paint on concrete block wall)

Legend and Notes

 Visual Extent of Lead-Based Paint

 Visual Extent of Lead-Containing Paint

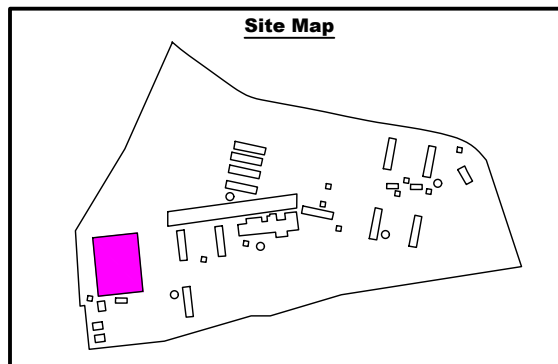
Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)

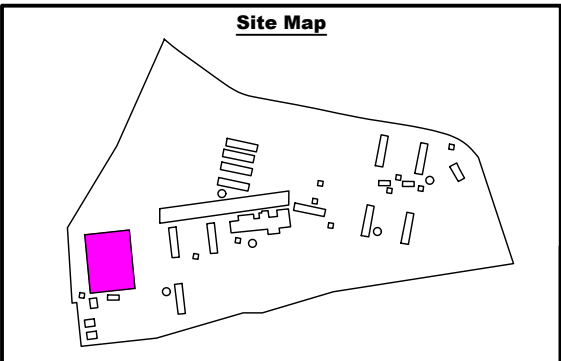
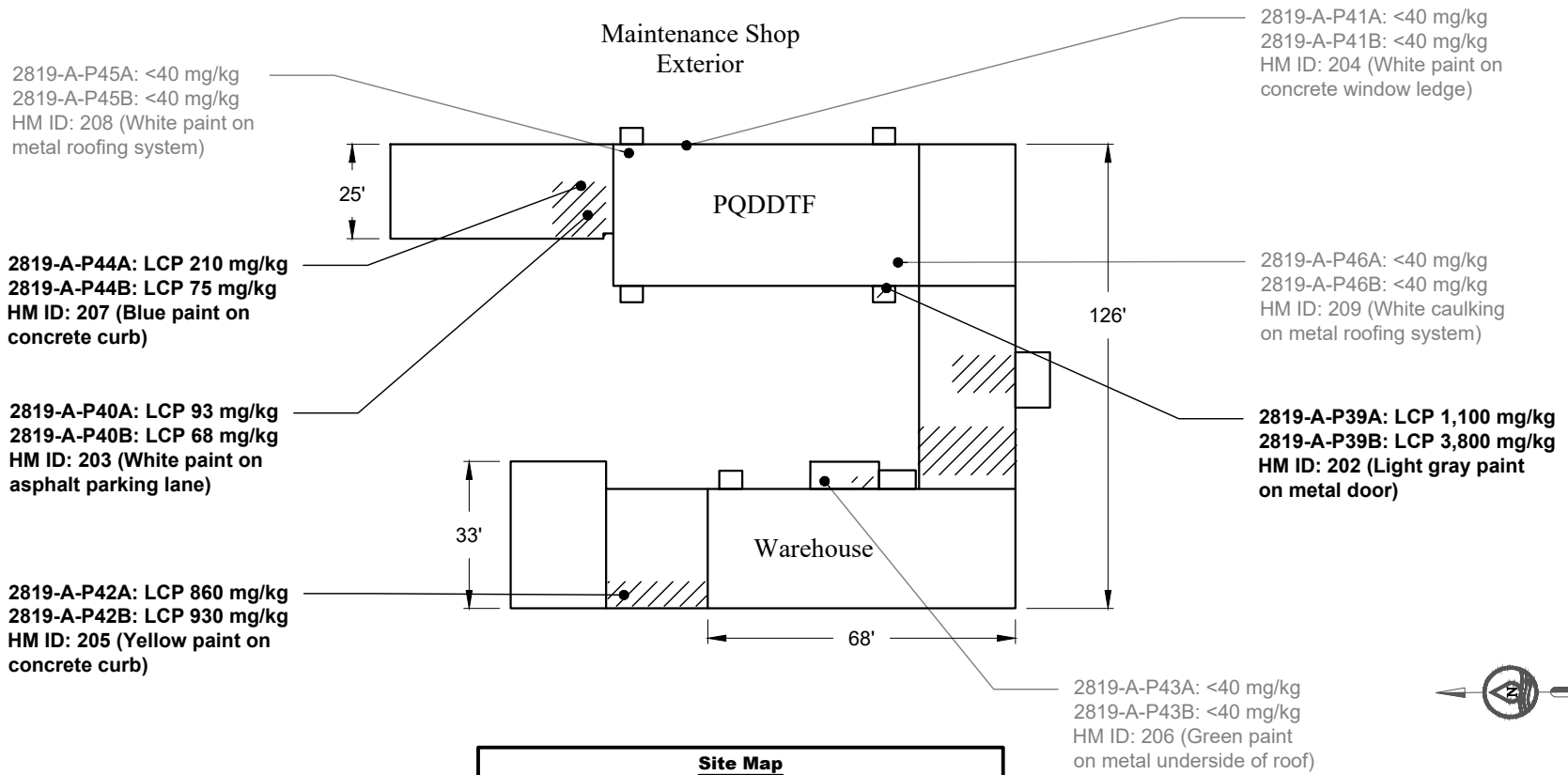


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Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Maintenance Shop Exterior 1 of 2

Sheet Number
 D8 - 8

HM ID	Locations	Color	Substrate	Results (mg/kg)
202	Doors, door frames	Lt. gray	Metal	LCP 1,100 - 3,800
203	Parking lanes	White	Asphalt	LCP 68 - 93
205	Curb	Yellow	Concrete	LCP 860 - 930
207	Curb	Blue	Concrete	LCP 75 - 210



Legend and Notes

/// Visual Extent of Lead-Containing Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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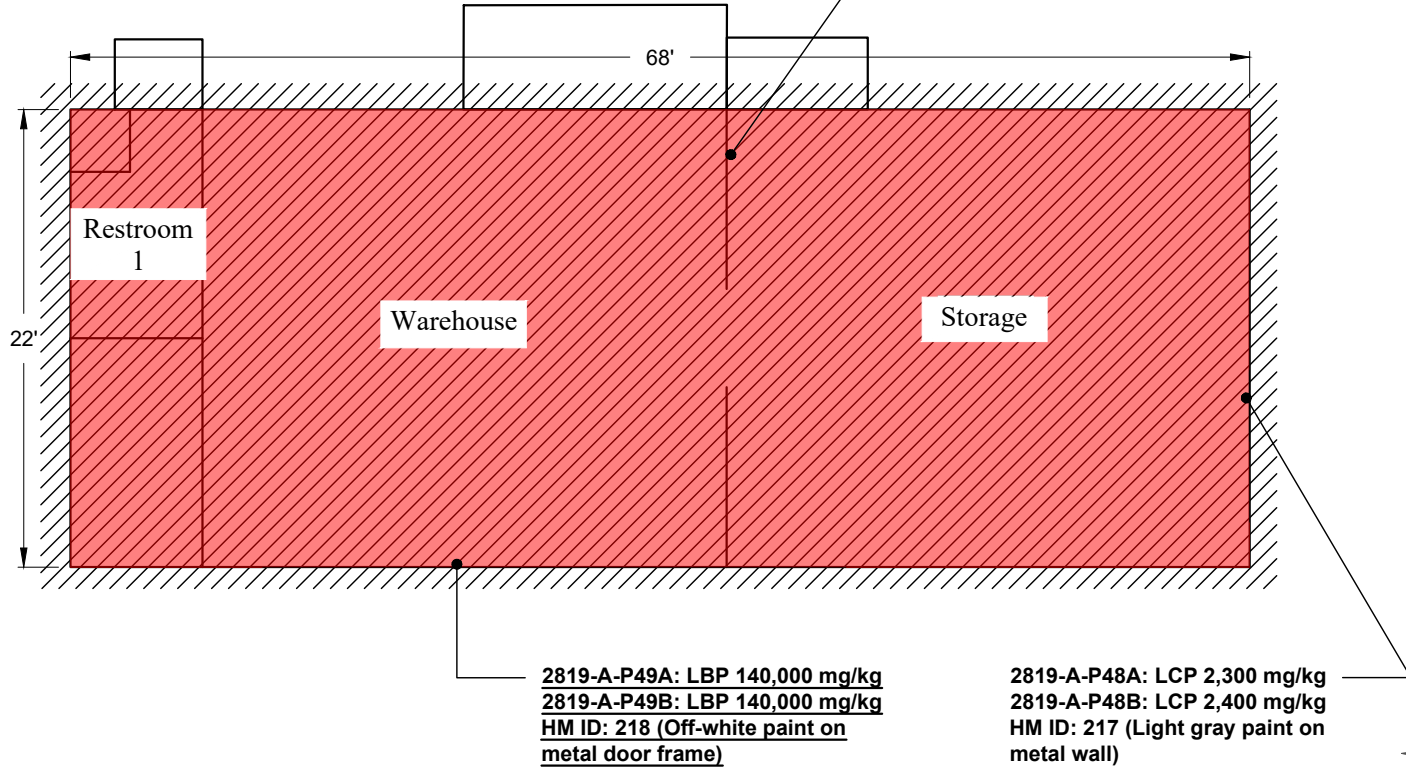
Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Maintenance Shop Exterior 2 of 2

Sheet Number
D8 - 9

HM ID	Locations	Color	Substrate	Results (mg/kg)
216	Walls	Off-white	Concrete block	LCP 46 - 53
217	Underside of roof, walls	Lt. gray	Metal	LCP 2,300 - 2,400
218	Doors, door frames, I-beams, purlins, trim	Off-white	Metal	<u>LBP 140,000</u>

Maintenance Shop
Warehouse

2819-A-P47A: LCP 53 mg/kg
2819-A-P47B: LCP 46 mg/kg
HM ID: 216 (Off-white paint on concrete block wall)



Legend and Notes

Visual Extent of Lead-Based Paint

Visual Extent of Lead-Containing Paint

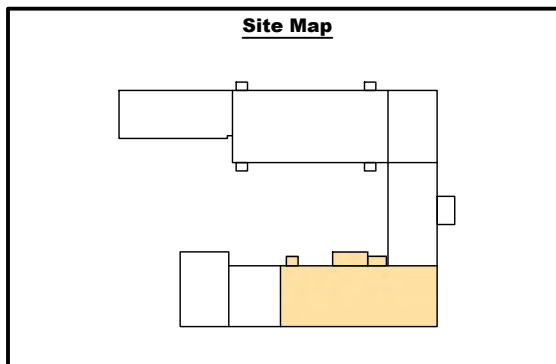
Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Lead Sample and Hazardous
Material Locations
Animal Quarantine Station Site
Maintenance Shop Warehouse
Interior 1 of 4



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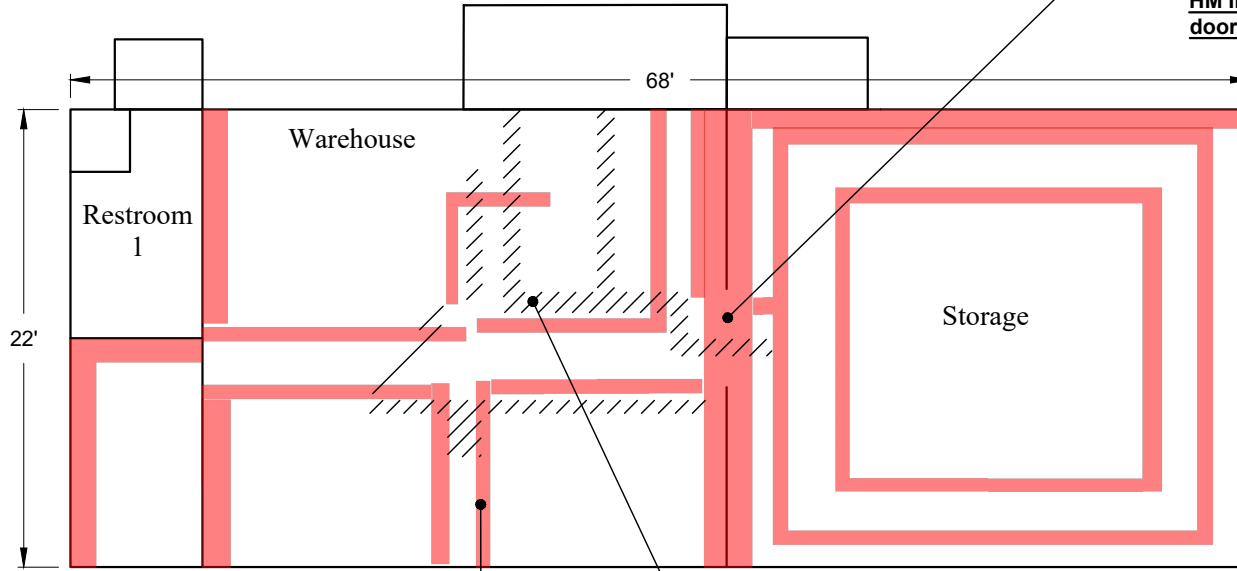
Sheet Number

D8 - 10

HM ID	Locations	Color	Substrate	Results (mg/kg)
220	Floors, walls	White	Concrete	LCP <40 - 96
221	Floors	Yellow	Concrete	LBP 39,000 - 41,000
222	Columns, doors, door frames, I-beams, purlins	Beige	Metal	LBP 5,800 - 7,300

Maintenance Shop
Warehouse

2819-A-P52A: LBP 39,000 mg/kg
2819-A-P52B: LBP 41,000 mg/kg
HM ID: 222 (Beige paint on metal door)



2819-A-P51A: LBP 39,000 mg/kg
2819-A-P51B: LBP 41,000 mg/kg
HM ID: 221 (Yellow paint on concrete floor)

2819-A-P50A: <40 mg/kg
 2819-A-P50B: LCP 96 mg/kg
 HM ID: 220 (White paint on concrete floor)



Legend and Notes

Visual Extent of Lead-Based Paint

Visual Extent of Lead-Containing Paint

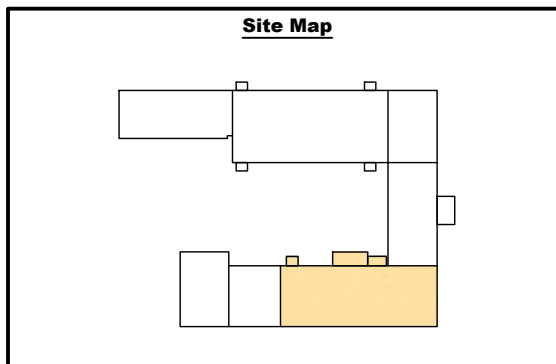
Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



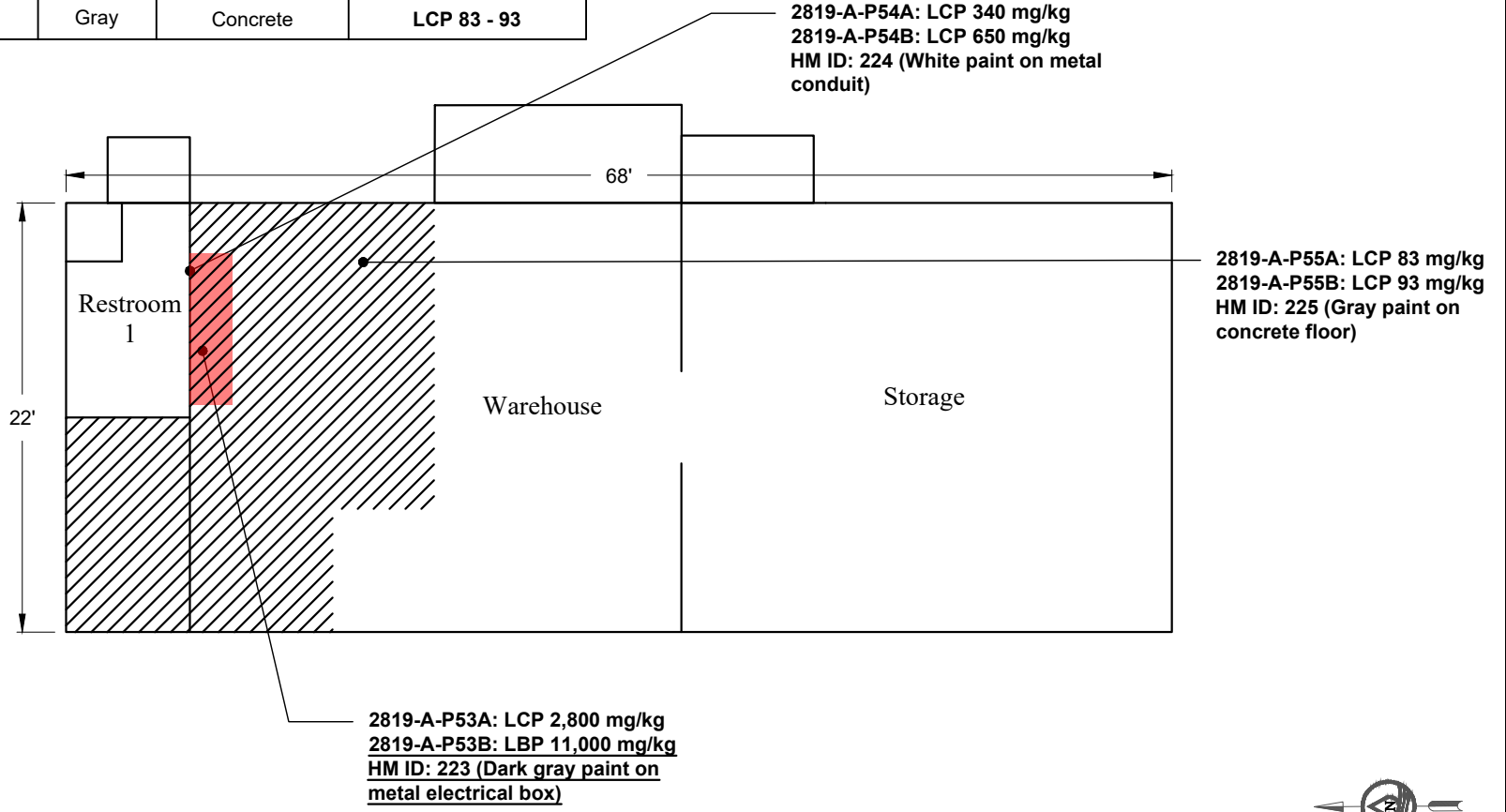
Lead Sample and Hazardous
Material Locations
Animal Quarantine Station Site
Maintenance Shop Warehouse
Interior 2 of 4

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Sheet Number
D8 - 11


HM ID	Locations	Color	Substrate	Results (mg/kg)
223	Electrical boxes	Dk. gray	Metal	LBP 2,800 - 11,000
224	Conduit	White	Metal	LCP 340 - 650
225	Floor	Gray	Concrete	LCP 83 - 93

Maintenance Shop
Warehouse



Legend and Notes

 Visual Extent of Lead-Based Paint

 Visual Extent of Lead-Containing Paint

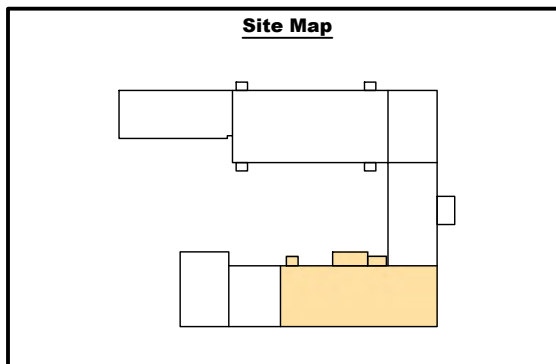
Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



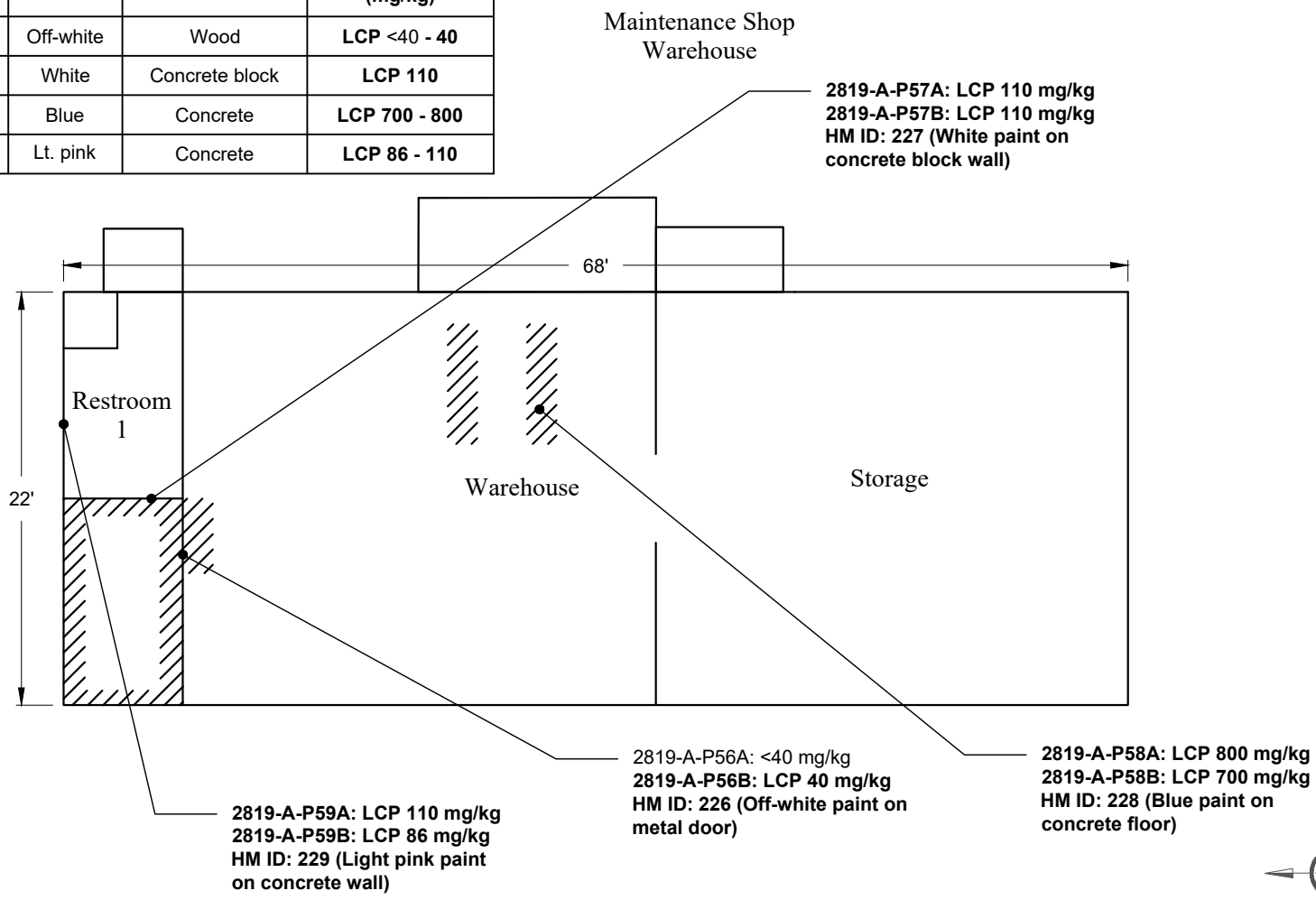
Lead Sample and Hazardous
Material Locations
Animal Quarantine Station Site
Maintenance Shop Warehouse
Interior 3 of 4



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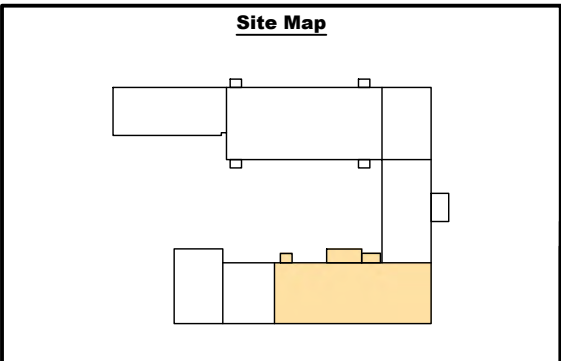
Sheet Number
D8 - 12

HM ID	Locations	Color	Substrate	Results (mg/kg)
226	Door, door frame	Off-white	Wood	LCP <40 - 40
227	Walls	White	Concrete block	LCP 110
228	Floor	Blue	Concrete	LCP 700 - 800
229	Walls	Lt. pink	Concrete	LCP 86 - 110



Legend and Notes

- Visual Extent of Lead-Based Paint
- Visual Extent of Lead-Containing Paint
- Bold values indicate results above the detection limit.**
- HM ID - Hazardous Material Identifier
- LBP - Lead-Based Paint > 5,000 mg/kg
- LCP - Lead-Containing Paint < 5,000 mg/kg
- mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Maintenance Shop Warehouse
Interior 4 of 4



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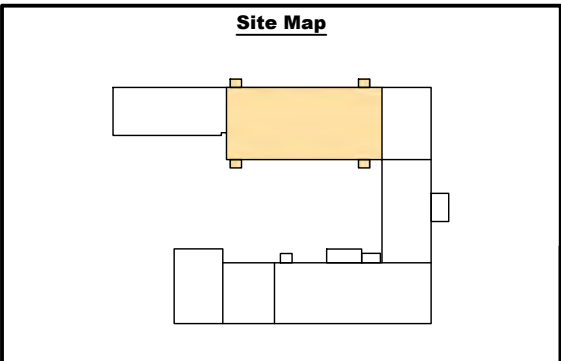
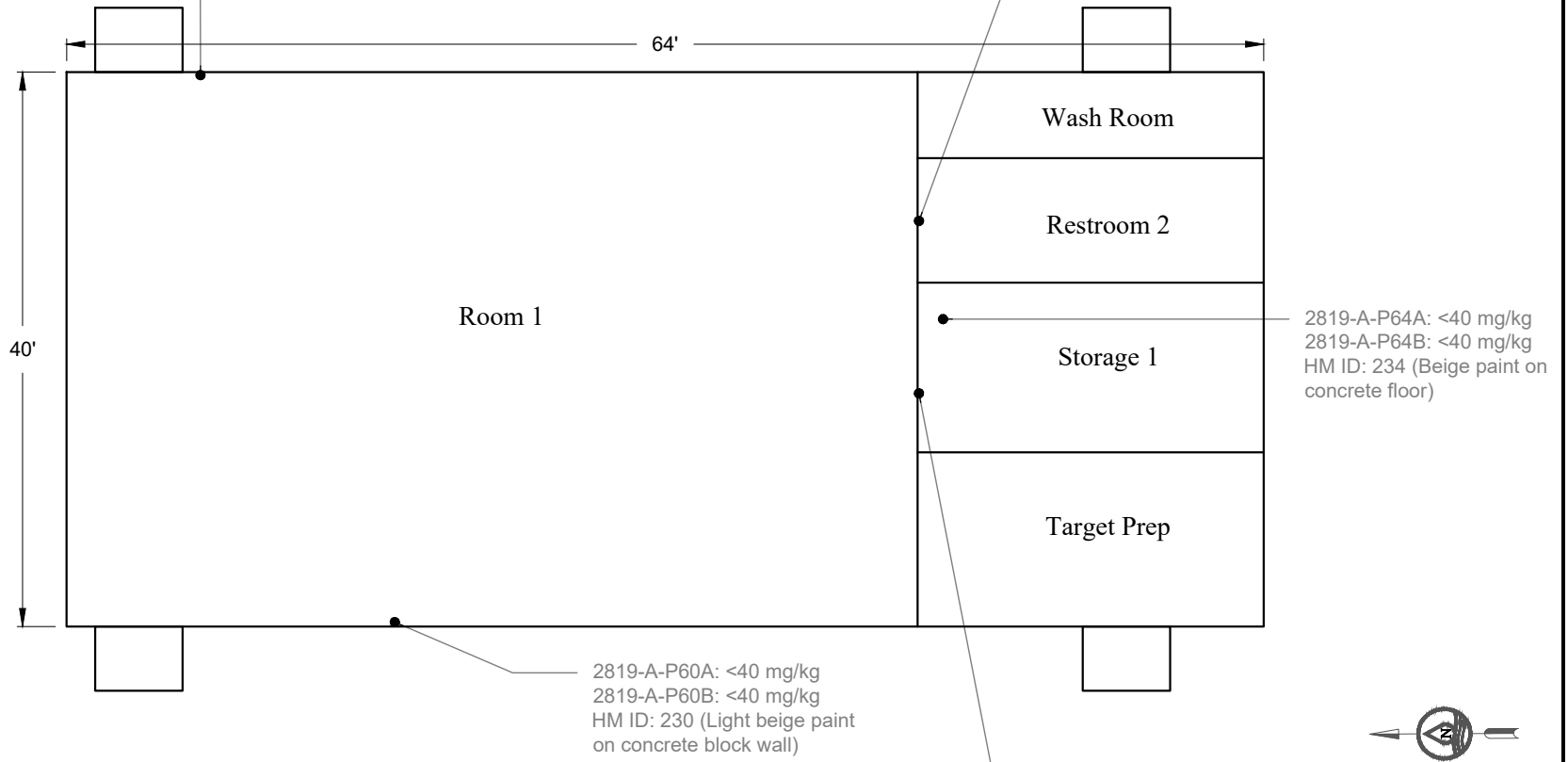
Sheet Number

D8 - 13

Maintenance Shop
Plant Quarantine
Detector/Dog Training
Facility (PQDDTF)

2819-A-P61A: <40 mg/kg
2819-A-P61B: <40 mg/kg
HM ID: 231 (Light beige paint
on drywall wall)

2819-A-P62A: <40 mg/kg
2819-A-P62B: <40 mg/kg
HM ID: 232 (Beige paint
on drywall wall)



Legend and Notes

HM ID - Hazardous Material Identifier
mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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Lead Sample Locations
Animal Quarantine Station Site
Maintenance Shop
PQDDTF Building Interior

Sheet Number

D8 - 14



HM ID: 197
Maintenance Shop
Floor 1
Exterior
White paint on concrete block wall.

LCP
2819-A-P34A: 91 mg/kg
2819-A-P34B: 100 mg/kg



HM ID: 198
Maintenance Shop
Floor 1
Exterior
Yellow paint on concrete block wall.

LBP
2819-A-P35A: 25,000 mg/kg
2819-A-P35B: 19,000 mg/kg



HM ID: 199
Maintenance Shop
Floor 1
Exterior
Off-white paint on metal door.

Non-LCP
2819-A-P36A: <40 mg/kg
2819-A-P36B: <40 mg/kg



HM ID: 200
Maintenance Shop
Floor 1
Exterior
White paint on metal conduit.

LBP
2819-A-P37A: 160,000 mg/kg
2819-A-P37B: 240,000 mg/kg



HM ID: 201
Maintenance Shop
Floor 1
Exterior
Yellow paint on metal corner trim.

LBP
2819-A-P38A: 38,000 mg/kg
2819-A-P38B: 35,000 mg/kg



HM ID: 202
Maintenance Shop
Floor 1
Exterior
Light gray paint on metal door.

LCP
2819-A-P39A: 1,100 mg/kg
2819-A-P39B: 3,800 mg/kg



HM ID: 203
Maintenance Shop
Floor 1

Exterior
White paint on asphalt parking lanes.

LCP
2819-A-P40A: 93 mg/kg
2819-A-P40B: 68 mg/kg



HM ID: 204
Maintenance Shop
Floor 1

Exterior
White paint on concrete window ledge.

Non-LCP
2819-A-P41A: <40 mg/kg
2819-A-P41B: <40 mg/kg



HM ID: 205
Maintenance Shop
Floor 1

Exterior
Yellow paint on concrete curb.

LCP
2819-A-P42A: 860 mg/kg
2819-A-P42B: 930 mg/kg



HM ID: 206
Maintenance Shop
Floor 1

Exterior
Green paint on metal underside of roof.

Non-LCP

2819-A-P43A: <40 mg/kg
2819-A-P43B: <40 mg/kg



HM ID: 207
Maintenance Shop
Floor 1

Exterior
Blue paint on concrete curb.

LCP

2819-A-P44A: 210 mg/kg
2819-A-P44B: 75 mg/kg



HM ID: 208
Maintenance Shop
Roof

Exterior
White paint on metal roofing system.

Non-LCP

2819-A-P45A: <40 mg/kg
2819-A-P45B: <40 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 209
Maintenance Shop
Roof

Exterior
White coating on metal roofing system.

Non-LCP
2819-A-P46A: <40 mg/kg
2819-A-P46B: <40 mg/kg



HM ID: 210
Maintenance Shop
Floor 1

Exterior
White paint and skim coat on concrete block wall.

Non-ACM
2819-A-A26A-Skim coat/Plaster: ND
2819-A-A26B-Skim coat/Plaster: ND
2819-A-A26C: ND



HM ID: 211
Maintenance Shop
Floor 1

Exterior
White caulking on metal door frame.

Non-ACM
2819-A-A27A: ND
2819-A-A27B: ND
2819-A-A27C: ND



HM ID: 212
Maintenance Shop
Floor 1

Exterior
Black caulking on metal window frame.

Non-ACM
2819-A-A28A: ND
2819-A-A28B: ND
2819-A-A28C: ND



HM ID: 213
Maintenance Shop
Floor 1

Exterior
White paint and skim coat on concrete window ledge.

Non-ACM
2819-A-A29A-Skim coat/Plaster: ND
2819-A-A29B-Skim coat/Plaster: ND
2819-A-A29C-Skim coat/Plaster: ND



HM ID: 214
Maintenance Shop
Floor 1

Exterior
Yellow insulation with silver wrap on metal ducting.

Non-ACM
2819-A-A30A-Wrap: ND
2819-A-A30A-Insulation: ND
2819-A-A30B-Wrap: ND
2819-A-A30B-Insulation: ND
2819-A-A30C-Wrap: ND
2819-A-A30C-Insulation: ND

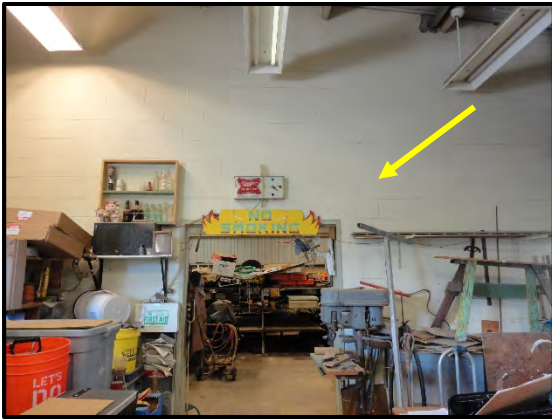


HM ID: 215
Maintenance Shop
Roof

Exterior
White caulking on metal roofing system.

Non-ACM

2819-A-A31A-Caulking 1: ND
2819-A-A31A-Caulking 2: ND
2819-A-A31B-Caulking 1: ND
2819-A-A31B-Caulking 2: ND
2819-A-A31C-Caulking 1: ND
2819-A-A31C-Caulking 2: ND



HM ID: 216
Maintenance Shop
Floor 1

Warehouse
Off-white paint on concrete block wall.

LCP

2819-A-P47A: 53 mg/kg
2819-A-P47B: 46 mg/kg



HM ID: 217
Maintenance Shop
Floor 1

Warehouse
Light gray paint on metal underside of roof.

LCP

2819-A-P48A: 2,300 mg/kg
2819-A-P48B: 2,400 mg/kg



HM ID: 218
Maintenance Shop
Floor 1

Warehouse
Off-white paint on metal H-beam.

LBP
2819-A-P49A: 140,000 mg/kg
2819-A-P49B: 140,000 mg/kg



HM ID: 220
Maintenance Shop
Floor 1

Warehouse
White paint on concrete floor.

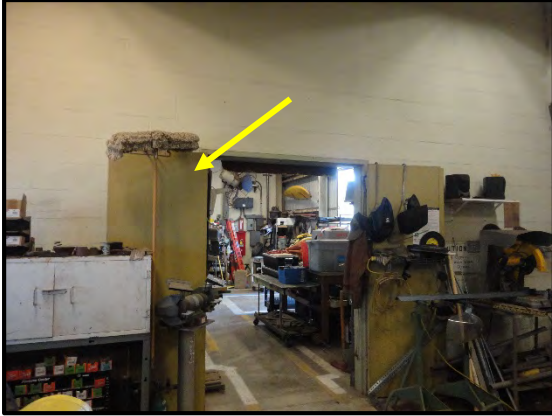
LCP
2819-A-P50A: <40 mg/kg
2819-A-P50B: 96 mg/kg



HM ID: 221
Maintenance Shop
Floor 1

Warehouse
Yellow paint on concrete floor.

LBP
2819-A-P51A: 39,000 mg/kg
2819-A-P51B: 41,000 mg/kg



HM ID: 222
Maintenance Shop
Floor 1

Warehouse
Beige paint on metal door.

LCP
2819-A-P52A: 7,300 mg/kg
2819-A-P52B: 5,800 mg/kg



HM ID: 223
Maintenance Shop
Floor 1

Warehouse
Dark gray paint on metal electrical box.

LBP
2819-A-P53A: 2,800 mg/kg
2819-A-P53B: 11,000 mg/kg



HM ID: 224
Maintenance Shop
Floor 1

Warehouse
White paint on metal conduit.

LCP
2819-A-P54A: 340 mg/kg
2819-A-P54B: 650 mg/kg



HM ID: 225
Maintenance Shop
Floor 1
Warehouse
Gray paint on concrete floor.

LCP
2819-A-P55A: 83 mg/kg
2819-A-P55B: 93 mg/kg



HM ID: 226
Maintenance Shop
Floor 1
Warehouse
Off-white paint on wood door.

LCP
2819-A-P56A: <40 mg/kg
2819-A-P56B: 40 mg/kg



HM ID: 227
Maintenance Shop
Floor 1
Warehouse
White paint on concrete block wall.

LCP
2819-A-P57A: 110 mg/kg
2819-A-P57B: 110 mg/kg



HM ID: 228
Maintenance Shop
Floor 1

Warehouse
Blue paint on concrete floor.

LCP
2819-A-P58A: 800 mg/kg
2819-A-P58B: 700 mg/kg



HM ID: 229
Maintenance Shop
Floor 1

Restroom
Light pink paint on concrete wall.

LCP
2819-A-P59A: 110 mg/kg
2819-A-P59B: 86 mg/kg



HM ID: 230
Maintenance Shop
Floor 1

Storage 1
Light beige paint on concrete block wall.

Non-LCP
2819-A-P60A: <40 mg/kg
2819-A-P60B: <40 mg/kg



HM ID: 231
Maintenance Shop
Floor 1

Storage 1
Light beige paint on drywall wall.

Non-LCP

2819-A-P61A: <40 mg/kg
2819-A-P61B: <40 mg/kg



HM ID: 232
Maintenance Shop
Floor 1

Room 1
Beige paint on drywall wall.

Non-LCP

2819-A-P62A: <40 mg/kg
2819-A-P62B: <40 mg/kg



HM ID: 233
Maintenance Shop
Floor 1

Room 1
Beige paint on wood door.

Non-LCP

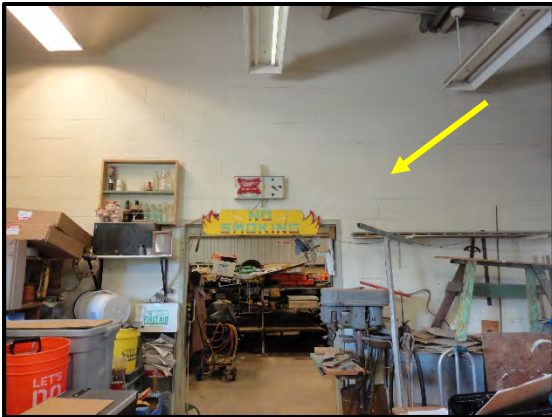
2819-A-P63A: <40 mg/kg
2819-A-P63B: <40 mg/kg



HM ID: 234
Maintenance Shop
Floor 1

Room 1
Beige paint on concrete floor.

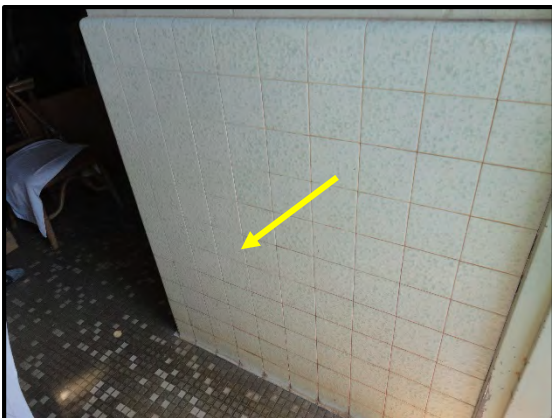
Non-LCP
2819-A-P64A: <40 mg/kg
2819-A-P64B: <40 mg/kg



HM ID: 235
Maintenance Shop
Floor 1

Warehouse
Off-white paint and skim coat on concrete block wall.

Non-ACM
2819-A-A32A-Skim coat/Plaster: ND
2819-A-A32B-Skim coat/Plaster: ND
2819-A-A32C-Skim coat/Plaster: ND



HM ID: 236
Maintenance Shop
Floor 1

Restroom 1
Light gray 4" x 4" ceramic tile and grout on concrete block floor.

Non-ACM
2819-A-A33A-Ceramic: ND
2819-A-A33A-Grout: ND
2819-A-A33B-Ceramic: ND
2819-A-A33B-Grout: ND
2819-A-A33C-Ceramic: ND
2819-A-A33C-Grout: ND



HM ID: 237
Maintenance Shop
Floor 1

Restroom 1
White 1" x 1" ceramic tile and grout on concrete floor.

Non-ACM

2819-A-A34A-Ceramic: ND
2819-A-A34A-Grout: ND
2819-A-A34B-Ceramic: ND
2819-A-A34B-Grout: ND
2819-A-A34C-Ceramic: ND
2819-A-A34C-Grout: ND



HM ID: 238
Maintenance Shop
Floor 1

Warehouse
White caulking on metal window frame.

Non-ACM

2819-A-A35A: ND
2819-A-A35B: ND
2819-A-A35C: ND



HM ID: 239
Maintenance Shop
Floor 1

Warehouse
White paint and skim coat on concrete floor.

Non-ACM

2819-A-A36A-Skim coat/Plaster: ND
2819-A-A36B-Skim coat/Plaster: ND
2819-A-A36C-Skim coat/Plaster: ND



HM ID: 240
Maintenance Shop
Floor 1

Storage 1
Beige paint and skim coat on concrete block wall.

Non-ACM

2819-A-A37A-Skim coat/Plaster: ND
2819-A-A37B-Skim coat/Plaster: ND
2819-A-A37C-Skim coat/Plaster: ND



HM ID: 241
Maintenance Shop
Floor 1

Room 1
Beige over drywall and joint compound on concrete block wall.

Non-ACM

2819-A-A38A: ND
2819-A-A38B: ND
2819-A-A38C-Joint compound: ND



HM ID: 242
Maintenance Shop
Floor 1

Room 1
Beige paint and skim coat on concrete floor.

Non-ACM

2819-A-A39A-Texture: ND
2819-A-A29A-Skim coat/Plaster: ND
2819-A-A39B-Texture: ND
2819-A-A29B-Skim coat/Plaster: ND
2819-A-A39C-Texture: ND
2819-A-A29C-Skim coat/Plaster: ND



HM ID: 243
Maintenance Shop
Floor 1

Room 1
White 2' x 4' acoustic tile on ceiling.

Non-ACM
2819-A-A40A: ND
2819-A-A40B: ND
2819-A-A40C: ND



HM ID: 244
Maintenance Shop
Floor 1

Plenum
Yellow thermal system insulation with silver wrap on metal ducting.

Non-ACM
2819-A-A41A-Wrap: ND
2819-A-A41A-Insulation: ND
2819-A-A41B-Wrap: ND
2819-A-A41B-Insulation: ND
2819-A-A41C-Wrap: ND
2819-A-A41C-Insulation: ND



HM ID: 245
Maintenance Shop
Floor 1

Plenum
Yellow thermal system insulation with white wrap on metal ceiling.

Non-ACM
2819-A-A42A-Wrap: ND
2819-A-A42A-Insulation: ND
2819-A-A42B-Wrap: ND
2819-A-A42B-Insulation: ND
2819-A-A42C-Wrap: ND
2819-A-A42C-Insulation: ND



HM ID: 246
Maintenance Shop
Floor 1

Plenum
Yellow thermal system insulation with brown wrap on drywall wall.

Non-ACM

2819-A-A43A-Wrap: ND
2819-A-A43A-Insulation: ND
2819-A-A43B-Wrap: ND
2819-A-A43B-Insulation: ND
2819-A-A43C-Wrap: ND
2819-A-A43C-Insulation: ND



HM ID: 247
Maintenance Shop
Floor 1

Room 1
Beige cove base and mastic on concrete block wall.

Non-ACM

2819-A-A44A-Cove base: ND
2819-A-A44A-Mastic: ND
2819-A-A44B-Cove base: ND
2819-A-A44B-Mastic: ND
2819-A-A44C-Cove base: ND
2819-A-A44C-Mastic: ND

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Office										
1	Office	Ceiling	21	White	Drywall	None	ND	Poor	200	sq. ft.
1	Office	Walls	22	Blue	Drywall	None	ND	Poor	300	sq. ft.
1	Office	Floor	23	Gray	12" x 12" Vinyl tile Mastic Leveling compound	Wood	ND	Poor	200	sq. ft.
1	Office	Walls	24	White	Cove base Mastic	Drywall	ND	Fair	40	sq. ft.
Roof	Exterior	Roofing system	25	Black	Built-up roofing	Wood	ND	Poor	200	sq. ft.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. The binding of the material has decreased integrity as indicated by peeling, cracking, or crumbling of the material.

Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier

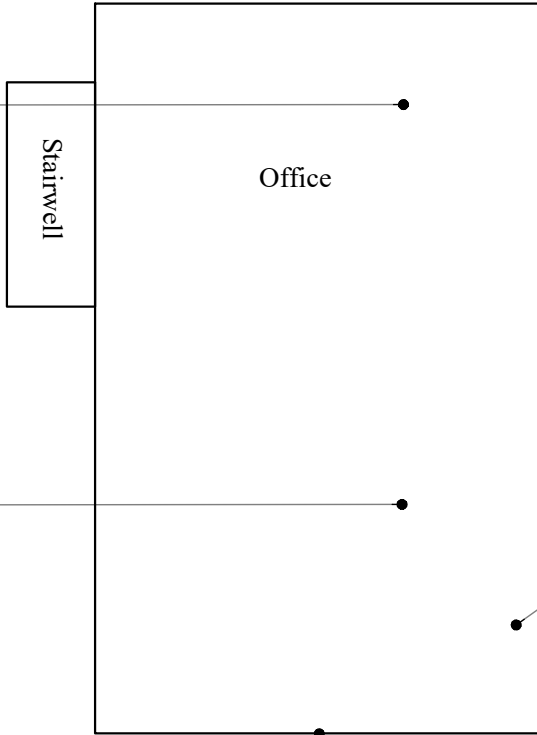
ln. ft. – Linear Feet

ND – Not Detected

sq. ft. – Square Feet

2819-B-A23A-Vinyl tile: ND
 2819-B-A23A-Mastic: ND
 2819-B-A23A-Leveling compound: ND
 2819-B-A23B-Vinyl tile: ND
 2819-B-A23B-Mastic: ND
 2819-B-A23B-Leveling compound: ND
 2819-B-A23C-Vinyl tile: ND
 2819-B-A23C-Mastic: ND
 HM ID: 23 (Gray 12" x 12" vinyl tile with mastic and leveling compound on concrete floor)

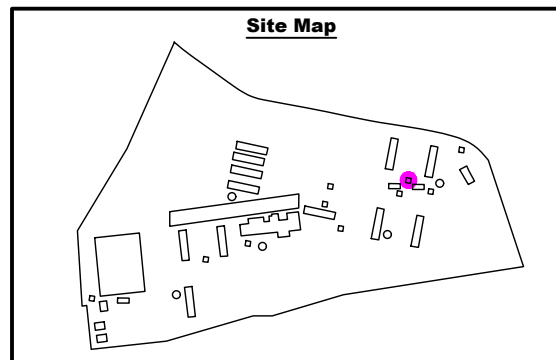
2819-B-A21A: ND
 2819-B-A21B: ND
 2819-B-A21C: ND
 HM ID: 21 (White drywall on ceiling)



2819-B-A24A-Cove base: ND
 2819-B-A24A-Mastic: ND
 2819-B-A24B-Cove base: ND
 2819-B-A24B-Mastic: ND
 2819-B-A24C: ND
 HM ID: 24 (White cove base and mastic on drywall wall)

2819-B-A25A-Shingle: ND
 2819-B-A25A-Felt: ND
 2819-B-A25B-Shingle: ND
 2819-B-A25B-Felt: ND
 2819-B-A25C-Shingle 1: ND
 2819-B-A25C-Shingle 2: ND
 2819-B-A25C-Felt: ND
 HM ID: 25 (Black built-up roofing on wood roofing system)

2819-B-A22A: ND
 2819-B-A22B: ND
 2819-B-A22C: ND
 HM ID: 22 (Blue drywall on wall)



Myounghee Noh & Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Office Interior and Exterior

Sheet Number
 D9 - 2

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Office										
1	Office	80	Ceiling	White	Paint	Drywall	<40 mg/kg	Poor	200	sq. ft.
1	Office	81	Walls	Blue	Paint	Drywall	<40 mg/kg	Poor	300	sq. ft.
1	Office	82	Door frame	White	Paint	Wood	<40 mg/kg	Fair	10	sq. ft.
1	Exterior	83	Door	White	Paint	Metal	LCP 35 mg/kg	Fair	10	sq. ft.
1	Exterior	84	Ceiling, trim, walls, window frame	White	Paint	Wood	<40 mg/kg	Fair	500	sq. ft.

Bold values indicate results above the reporting limit.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

LCP – Lead-Containing Paint, <5,000 mg/kg

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

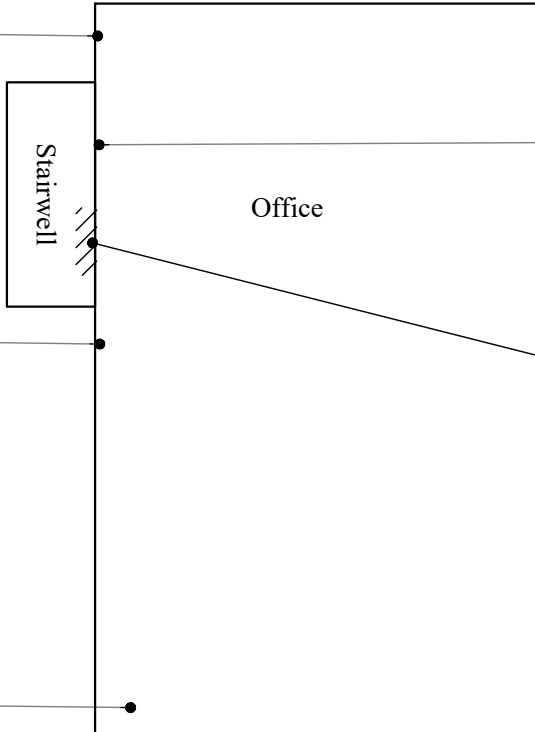
sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
83	Exterior door	White	Metal	LCP 35

2819-B-P47A: <40 mg/kg
 2819-B-P47B: <40 mg/kg
 HM ID: 81 (Blue paint on drywall wall)

2819-B-P48A: <40 mg/kg
 2819-B-P48B: <40 mg/kg
 HM ID: 82 (White paint on wood door frame)

2819-B-P46A: <40 mg/kg
 2819-B-P46B: <40 mg/kg
 HM ID: 80 (White paint on drywall ceiling)



2819-B-P50A: <40 mg/kg
 2819-B-P50B: <40 mg/kg
 HM ID: 84 (White paint on exterior wood window wall)

2819-B-P49B: <40 mg/kg
2819-B-P49B: LCP 35 mg/kg
HM ID: 83 (White paint on exterior metal door)



Legend and Notes

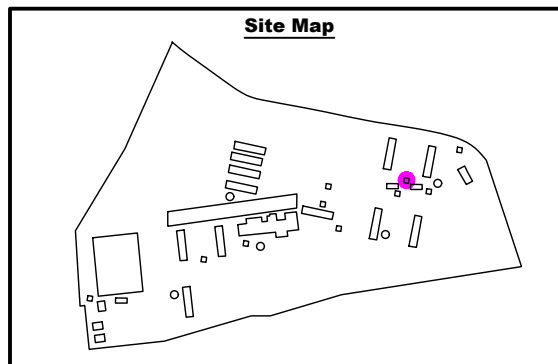
/// Visual Extent of Lead-Containing Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Office Interior and Exterior

Sheet Number
 D9 - 4



HM ID: 21
Office
Floor 1

Interior
White paint and skim coat on drywall ceiling.

Non-ACM
2819-B-A21A: ND
2819-B-A21B: ND
2819-B-A21C: ND



HM ID: 22
Office
Floor 1

Interior
Blue paint and skim coat on drywall wall.

Non-ACM
2819-B-A22A: ND
2819-B-A22B: ND
2819-B-A22C: ND



HM ID: 23
Office
Floor 1

Interior
Gray 12"x12" vinyl tile, mastic, and leveling compound on wood floor.

Non-ACM
2819-B-A23A-VFT: ND
2819-B-A23A-Mastic: ND
2819-B-A23A-Leveling compound: ND
2819-B-A23B-VFT: ND
2819-B-A23B-Mastic: ND
2819-B-A23B-Leveling compound: ND
2819-B-A23C-VFT: ND
2819-B-A23C-Mastic: ND

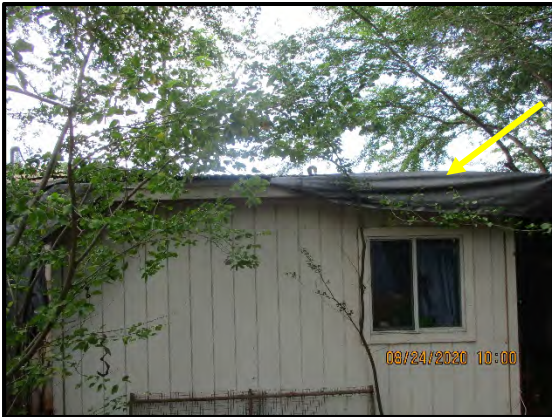


HM ID: 24
Office
Floor 1

Interior
White cove base and mastic on drywall wall.

Non-ACM

2819-B-A24A-Cove base: ND
2819-B-A24A-Mastic: ND
2819-B-A24B-Cove base: ND
2819-B-A24B-Mastic: ND
2819-B-A24C: ND



HM ID: 25
Office
Roof

Exterior
Black built-up roofing on wood roofing system.

Non-ACM

2819-B-A25A-Shingle: ND
2819-B-A25A-Felt: ND
2819-B-A25B-Shingle: ND
2819-B-A25B-Felt: ND
2819-B-A25C-Shingle 1: ND
2819-B-A25C-Shingle 2: ND
2819-B-A25C-Felt: ND



HM ID: 80
Office
Floor 1

Interior
White paint on drywall ceiling.

Non-LCP

2819-B-P46A: <40 mg/kg
2819-B-P46B: <40 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 81
Office
Floor 1
Interior
Blue paint on drywall wall.
Non-LCP
2819-B-P47A: <40 mg/kg
2819-B-P47B: <40 mg/kg



HM ID: 82
Office
Floor 1
Interior
White paint on wood door frame.
Non-LCP
2819-B-P48A: <40 mg/kg
2819-B-P48B: <40 mg/kg



HM ID: 83
Office
Floor 1
Exterior
White paint on metal door.
LCP
2819-B-P49A: <40 mg/kg
2819-B-P49B: 35 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 84
Office
Floor 1

Exterior
White paint on wood wall.

Non-LCP
2819-B-P50A: <40 mg/kg
2819-B-P50B: <40 mg/kg

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Parking Lot										
1	Exterior	66	Curb	Blue	Paint	Concrete	<40 mg/kg	Poor	30	sq. ft.
1	Exterior	67	Parking stall	Blue	Paint	Asphalt	<40 mg/kg	Poor	50	sq. ft.
1	Exterior	68	Parking stall	White	Paint	Asphalt	<40 mg/kg	Poor	30	sq. ft.
1	Exterior	69	Curb	Red	Paint	Concrete	<40 mg/kg	Poor	50	sq. ft.
1	Exterior	70	Curb	Yellow	Paint	Concrete	LBP 19,000 - 28,000 mg/kg	Fair	50	sq. ft.

Bold values indicate results above the reporting limit.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

LBP – Lead-Based Paint, >5,000 mg/kg

ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
70	Curb	Yellow	Concrete	LBP 19,000 - 28,000

2819-B-P34A: <40 mg/kg
 2819-B-P34B: <40 mg/kg
 HM ID: 66 (Blue paint on concrete curb)

2819-B-P38A: LBP 28,000 mg/kg
2819-B-P28B: LBP 19,000 mg/kg
 HM ID: 70 (Yellow paint on concrete curb)


2819-B-P37A: <40 mg/kg
 2819-B-P37B: <40 mg/kg
 HM ID: 69 (Red paint on concrete curb)

2819-B-P36A: <40 mg/kg
 2819-B-P36B: <40 mg/kg
 HM ID: 68 (White paint on asphalt parking stall)

2819-B-P35A: <40 mg/kg
 2819-B-P35B: <40 mg/kg
 HM ID: 67 (Blue paint on asphalt parking stall)

Parking Lot

Legend and Notes

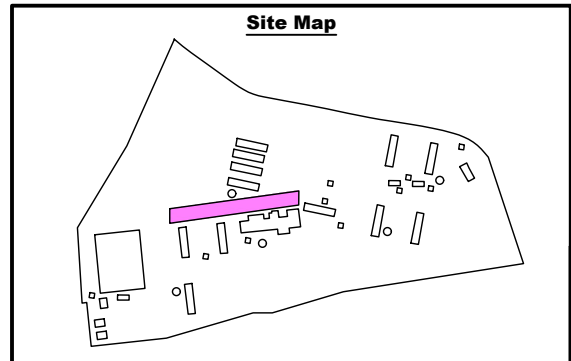
 Visual Extent of Lead-Based Paint

Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Parking Lot

Sheet Number
 D10 - 2

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 66
Parking Lot
Floor 1

Exterior
Blue paint on concrete curb.

Non-LCP

2819-B-P34A: <40 mg/kg
2819-B-P34B: <40 mg/kg



HM ID: 67
Parking Lot
Floor 1

Exterior
Blue paint on asphalt parking stall.

Non-LCP

2819-B-P35A: <40 mg/kg
2819-B-P35B: <40 mg/kg



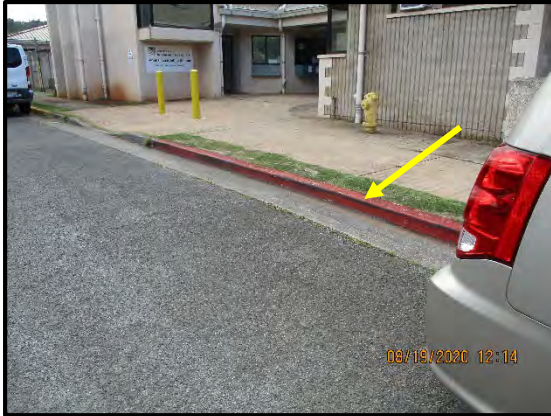
HM ID: 68
Parking Lot
Floor 1

Exterior
White paint on asphalt parking stall.

Non-LCP

2819-B-P36A: <40 mg/kg
2819-B-P36B: <40 mg/kg

Architects Hawaii Limited – Hazmat Survey for Phase 2 Oahu Community Correctional Center
HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 69
Parking Lot
Floor 1

Exterior
Red paint on concrete curb.

Non-LCP
2819-B-P37A: <40 mg/kg
2819-B-P37B: <40 mg/kg



HM ID: 70
Parking Lot
Floor 1
Exterior
Yellow paint on concrete curb.

LBP
2819-B-P38A: 28,000 mg/kg
2819-B-P38B: 19,000 mg/kg

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Small Sheds										
1	Shed 2	Sink	2	White	Caulking	Wood	ND	Poor	10	ln. ft.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. The binding of the material has decreased integrity as indicated by peeling, cracking, or crumbling of the material.

Abbreviations and Acronyms

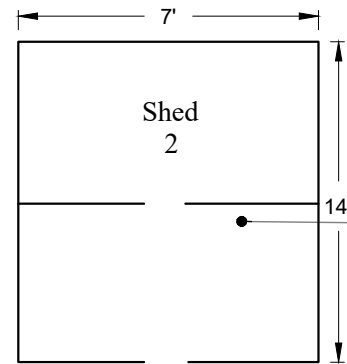
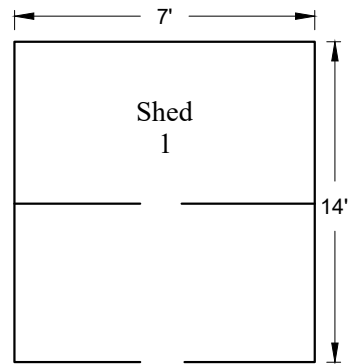
HM ID – Homogeneous Material Identifier

ln. ft. – Linear Feet

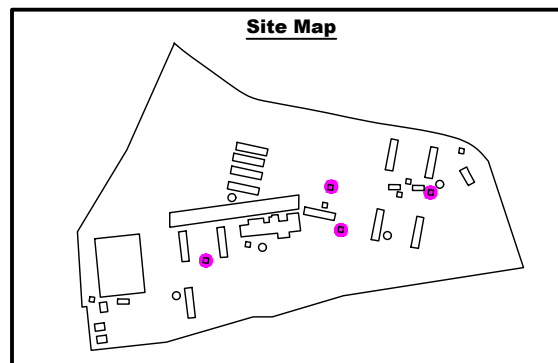
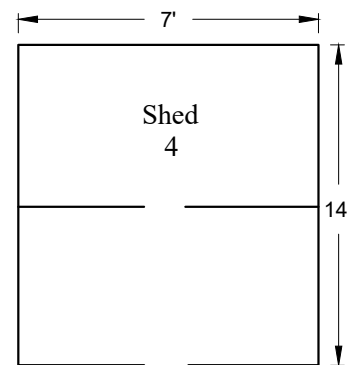
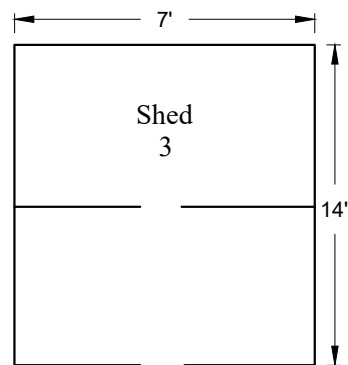
ND – Not Detected

sq. ft. – Square Feet

Small Sheds 1 -4



2819-B-A2A: ND
 2819-B-A2B: ND
 2819-B-A2C: ND
 HM ID: 2 (White
 caulking on wood
 sink)



Myounghee Noh &
 Associates, L.L.C.

Legend and Notes

HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Small Sheds 1 - 4 Interior and Exterior

Sheet Number
 D11 - 2

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Small Sheds										
1	Sheds 1, 2, 3	41	Ceilings, walls	White	Paint	Wood	<40 mg/kg	Fair	2,000	sq. ft.
1	Shed 1	42	Door frames, trim, walls	Beige	Paint	Wood	<40 mg/kg	Poor	1,000	sq. ft.
1	Sheds 1 and 3	43	Walls	Blue	Paint	Wood	<40 mg/kg	Good	500	sq. ft.
1	Exteriors of Sheds 1, 2, 3, 4	44	Roofing systems, walls	Beige	Paint	Metal	<40 mg/kg	Good	500	sq. ft.
1	Exterior of Shed 1	45	Bench, door frame, window frame	Red	Paint	Wood	LCP <40 - 430 mg/kg	Poor	300	sq. ft.
1	Exteriors of Sheds 1, 2, 3, 4	46	Trim	Beige	Paint	Wood	<40 mg/kg	Poor	100	sq. ft.
Roof	Exteriors of Sheds 1, 2, 3, 4	47	Roofing systems	Green	Paint	Metal	LCP 52 - 61 mg/kg	Fair	1,000	sq. ft.
1	Exterior of Shed 2	77	Door, door frame	Black	Paint	Metal	LCP*	Good	10	sq. ft.
1	Shed 4	78	Ceiling, walls	White	Paint	Wood	<40 mg/kg	Fair	200	sq. ft.
1	Shed 4	79	Walls	Aqua	Paint	Wood	<40 mg/kg	Good	200	sq. ft.

Bold values indicate results above the reporting limit.

* Includes factory applied paints that were not sampled, and assumed to contain lead

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier

LCP – Lead-Containing Paint, <5,000 mg/kg

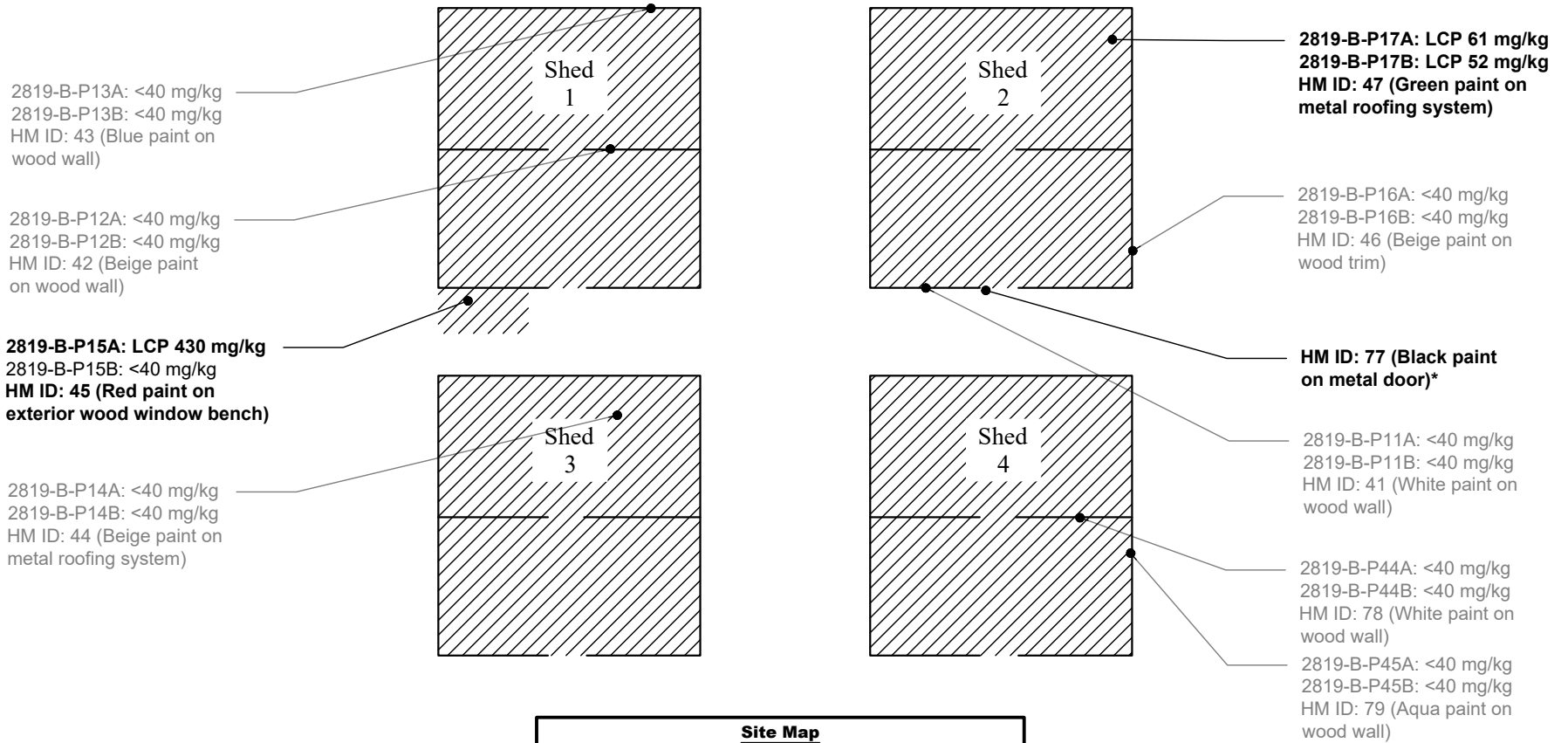
ln.ft. – Linear Feet

mg/kg– milligrams per kilogram or parts per million

sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
45	Bench, door frame, window frame	Red	Wood	LCP <40 - 430
47	Roofing systems	Green	Metal	LCP 52 - 61
77	Door, door frame	Black	Metal	Assumed LCP

Small Sheds 1 -4



Legend and Notes

/// Visual Extent of Lead-Containing Paint

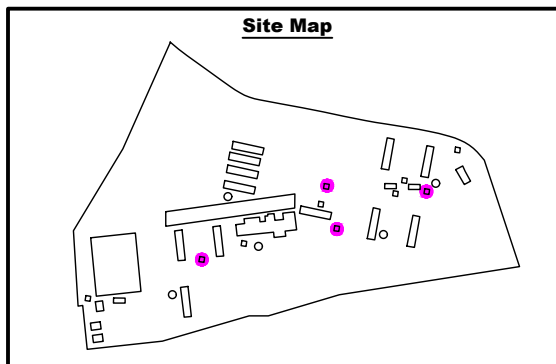
* Paint was not sampled because it is factory-applied. Assume paint contains lead.

Bold values indicate assumed LCP.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Small Sheds 1 - 4 Interior and Exterior

Sheet Number
D11 - 4



HM ID: 2
Small Shed
Floor 1

Shed 2
White caulking on porcelain sink.

Non-ACM
2819-B-A2A: ND
2819-B-A2B: ND
2819-B-A2C: ND



HM ID: 41
Small Shed
Floor 1

Shed 1, 2, 3
White paint on wood ceiling.

Non-LCP
2819-B-P11A: <40 mg/kg
2819-B-P11B: <40 mg/kg



HM ID: 42
Small Shed
Floor 1

Shed 1
Beige paint on wood wall.

Non-LCP
2819-B-P12A: <40 mg/kg
2819-B-P12B: <40 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 43
Small Shed
Floor 1

Shed 1
Blue paint on wood wall.

Non-LCP
2819-B-P13A: <40 mg/kg
2819-B-P13B: <40 mg/kg



HM ID: 44
Small Shed
Floor 1

Shed 2 Exterior
Beige paint on metal wall.

Non-LCP
2819-B-P14A: <40 mg/kg
2819-B-P14B: <40 mg/kg



HM ID: 45
Small Shed
Floor 1

Shed 1 Exterior
Red paint on wood window frame.

LCP
2819-B-P15A: 430 mg/kg
2819-B-P15B: <40 mg/kg



HM ID: 46
Small Shed
Floor 1

Shed 1, 2, 3, 4 Exterior
Beige paint on wood trim.

Non-LCP

2819-B-P16A: <40 mg/kg
2819-B-P16B: <40 mg/kg



HM ID: 47
Small Shed
Roof

Shed 1, 2, 3, 4 Exterior
Green paint on metal roofing system.

LCP

2819-B-P17A: 61 mg/kg
2819-B-P17B: 52 mg/kg



HM ID: 77
Small Shed
Floor 1

Shed 2 Exterior
Black paint on metal door.

**Assumed LCP
(Baked on paint)**

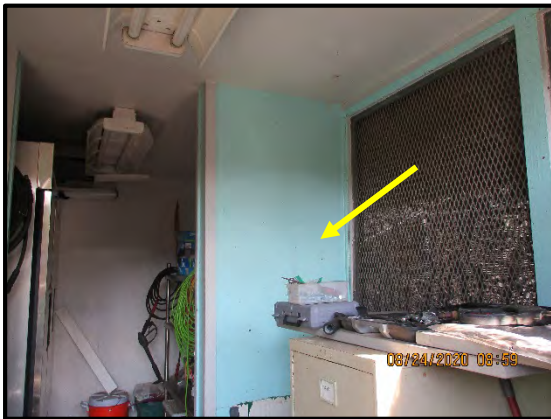
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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 78
Small Shed
Floor 1

Shed 4
White paint on wood ceiling.

Non-LCP
2819-B-P44A: <40 mg/kg
2819-B-P44B: <40 mg/kg



HM ID: 79
Small Shed
Floor 1

Shed 4
Aqua paint on wood wall.

Non-LCP
2819-B-P45A: <40 mg/kg
2819-B-P45B: <40 mg/kg

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Wash Area Type 1 – 2										
1	Exteriors of Wash 1, 2, 3	Walls	1	Beige	Textured paint Skim coat	Concrete block	ND	Fair	300	sq. ft.
1	Wash 4	Walls	3	Brown	Paint/skim coat	Concrete block	0.1%^	Fair	500	sq. ft.
1	Wash 4	Walls	4	White	Paint/skim coat	Concrete block	0.2%^	Fair	600	sq. ft.
1	Wash 4	Walls	5	White	Paint/skim coat	Concrete	0.1%^	Fair	200	sq. ft.

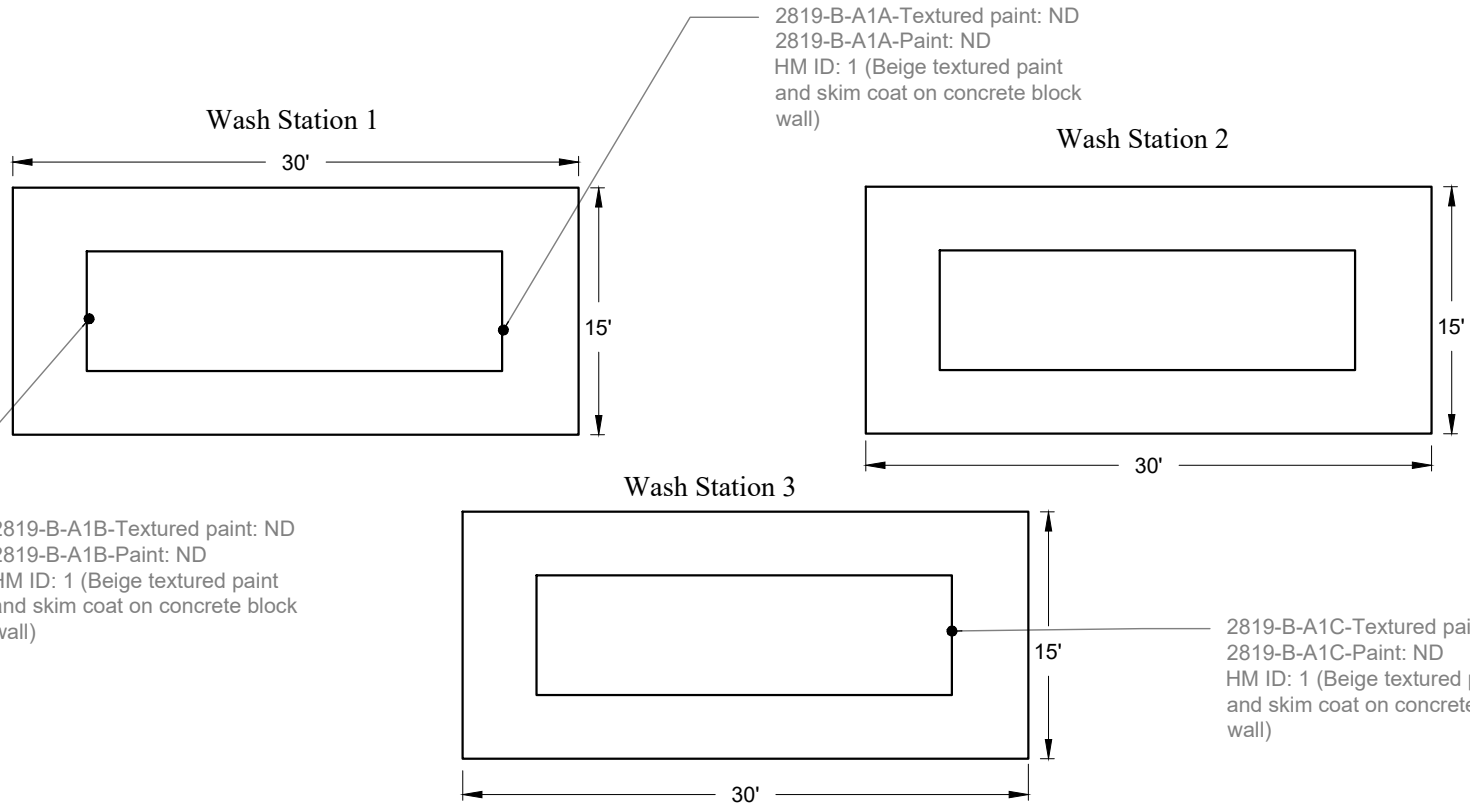
^ Indicates that one or more asbestos fibers were detected by the point count method. While less than 1% asbestos is not a regulated material, OSHA considers the trace amount as a health concern.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

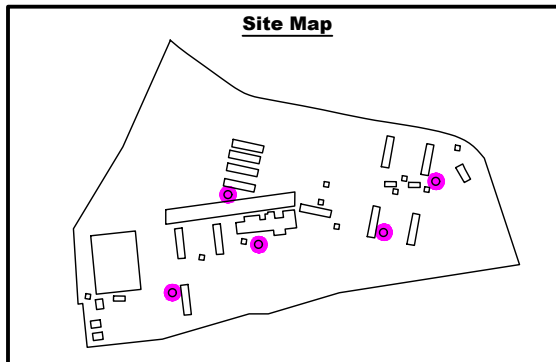
Abbreviations and Acronyms

- HM ID – Homogeneous Material Identifier
- ln. ft. – Linear Feet
- ND – Not Detected
- sq. ft. – Square Feet

Wash Area Type 1



Site Map



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Legend and Notes

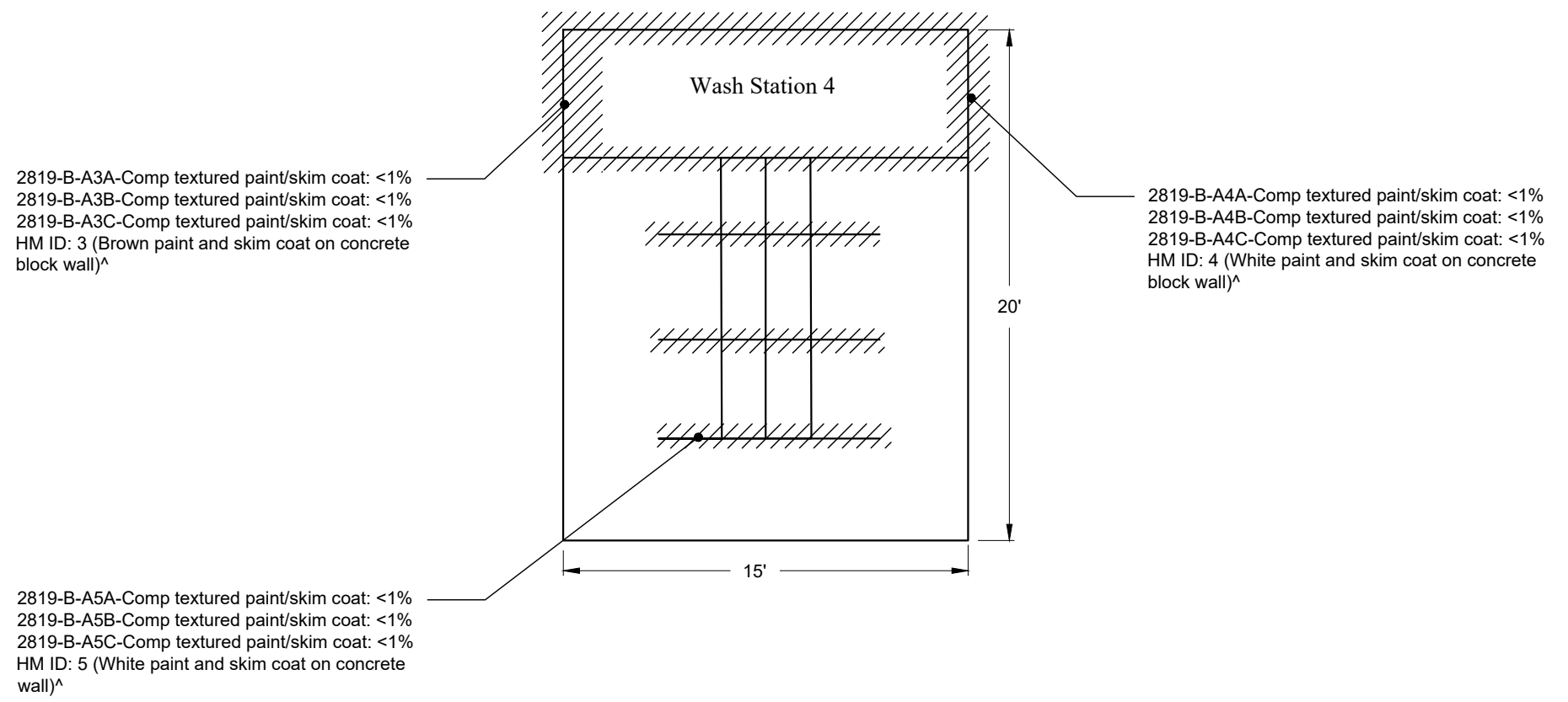
HM ID - Homogeneous Material Identifier
 ND - None Detected

Asbestos Sample Locations
 Animal Quarantine Station Site
 Wash Area Type 1 (Stations 1, 2, 3)

Sheet Number
 D12 - 2

HM ID	Locations	Color	Material	Substrate	Results
3	Walls	Brown	Paint/skim coat	Concrete block	Trace Asbestos^
4	Walls	White	Paint/skim coat	Concrete block	Trace Asbestos^
5	Walls	White	Paint/skim coat	Concrete	Trace Asbestos^

Wash Area Type 2

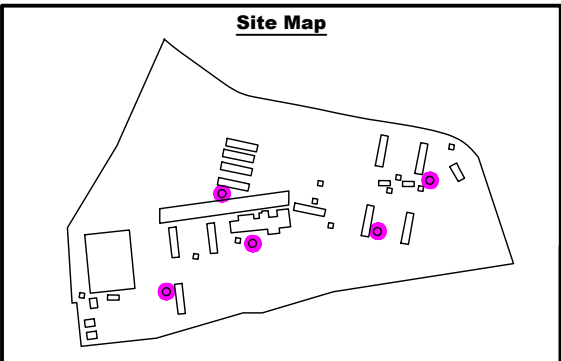


Legend and Notes

/// Visual Extent of Trace Asbestos

^ One or more asbestos fibers was identified using the point count method. While the less than 1% asbestos is not a regulated material, trace amounts can be a health hazard.

HM ID - Homogeneous Material Identifier



Myounghee Noh & Associates, L.L.C.

Asbestos Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Wash Area Type 2 (Station 4) Interior

Sheet Number
 D12 - 3

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Wash Area Type 1 – 2										
1	Exterior Wash Areas 1, 2, 3	36	Cabinets, dividers	Beige	Paint	Wood	LCP 91 - 340 mg/kg	Poor	300	sq. ft.
1	Exterior Wash Areas 1, 2, 3	37	Ceilings	Green	Paint	Metal	<40 mg/kg	Poor	3,000	sq. ft.
1	Exterior Wash Areas 1, 2, 3	38	Walls	Beige	Paint	Concrete block	<40 mg/kg	Fair	300	sq. ft.
1	Exterior Wash Areas 1, 2, 3	39	Pipes, roofing systems	Beige	Paint	Metal	LBP <40 - 8,700 mg/kg	Poor	2,000	sq. ft.
1	Exterior Wash Areas 1, 2, 3	40	Electrical boxes	Lt. blue	Paint	Metal	<37 - <39 mg/kg	Poor	40	sq. ft.
1	Wash 4	48	Ceiling	White	Paint	Metal	LCP 3,000 mg/kg	Fair	100	sq. ft.
1	Wash 4	49	Walls	Brown	Paint	Concrete block	LCP 1,600 - 2,600 mg/kg	Fair	500	sq. ft.
1	Wash 4	50	Door, door frame	White	Paint	Wood	LBP 4,800 - 6,000 mg/kg	Poor	10	sq. ft.
1	Wash 4	51	Walls	White	Paint	Concrete block	LCP 3,500 - 4,200 mg/kg	Fair	600	sq. ft.
1	Wash 4	52	Divider	Beige	Paint	Wood	<40 mg/kg	Fair	50	sq. ft.
1	Exterior of Wash 4	53	Wall	White	Paint	Concrete	LCP 3,600 - 3,900 mg/kg	Fair	200	sq. ft.
1	Exterior of Wash 4	54	Wall	Green	Paint	Concrete	LCP 3,100 mg/kg	Fair	5	sq. ft.
1	Exterior of Wash 4	55	Wall	Pink	Paint	Concrete	LBP 6,600 - 6,900 mg/kg	Fair	20	sq. ft.
1	Exterior of Wash 4	56	Wall	Pink	Paint	Concrete block	LBP 4,800 - 5,200 mg/kg	Fair	10	sq. ft.

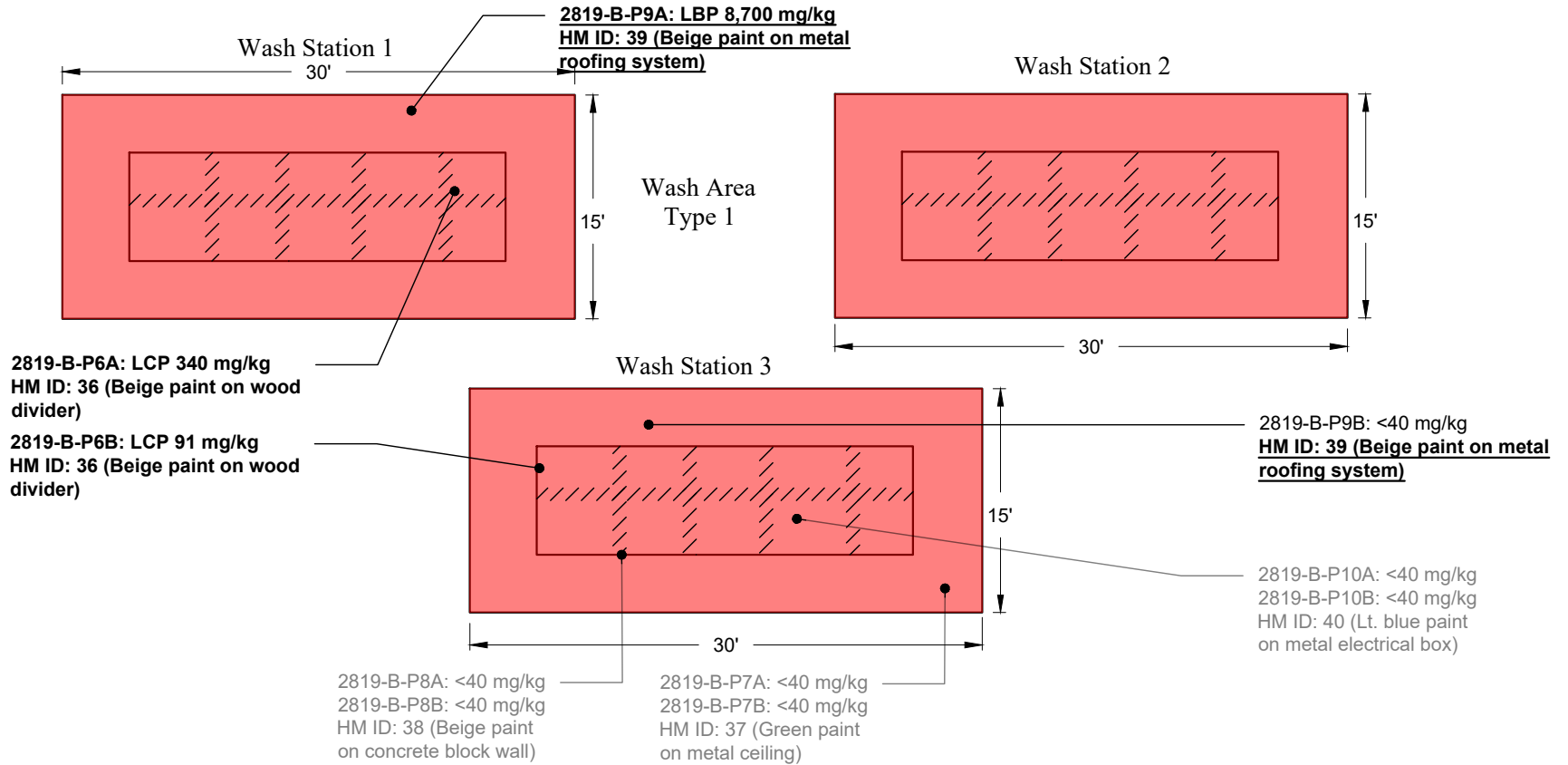
Bold values indicate results above the reporting limit.

Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.
Poor – Material shows significant deterioration and may not be functional for its installed purpose. Paint is bubbling or peeling over 20% or more of surface area and no longer protects the substrate.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier
LBP – Lead-Based Paint, >5,000 mg/kg
LCP – Lead-Containing Paint, <5,000 mg/kg
ln.ft. – Linear Feet
mg/kg– milligrams per kilogram or parts per million
sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
36	Cabinets, dividers	Beige	Wood	LCP 91 - 340
39	Pipes, roofing systems	Beige	Metal	LBP <40 - 8,700



Legend and Notes

Visual Extent of Lead-Based Paint

Visual Extent of Lead-Containing Paint

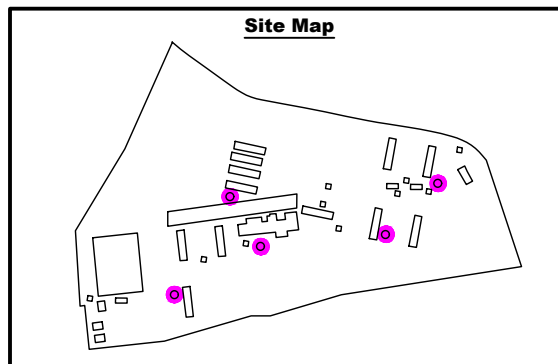
Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Wash Area Type 1 (Stations 1, 2, 3)

Sheet Number

D12 - 5

HM ID	Locations	Color	Substrate	Results (mg/kg)
48	Ceiling	White	Metal	LCP 3,000
49	Walls	Brown	Concrete block	LCP 1,600 - 2,600
50	Door, door frame	White	Wood	LBP 4,800 - 6,000
51	Walls	White	Concrete block	LCP 3,500 - 4,200

Wash Area Type 2

HM ID	Locations	Color	Substrate	Results (mg/kg)
53	Walls	White	Concrete	LCP 3,600 - 3,900
54	Walls	Green	Concrete	LCP 3,100
55	Walls	Pink	Concrete	LBP 6,600 - 6,900
56	Walls	Pink	Concrete block	LBP 4,800 - 5,200

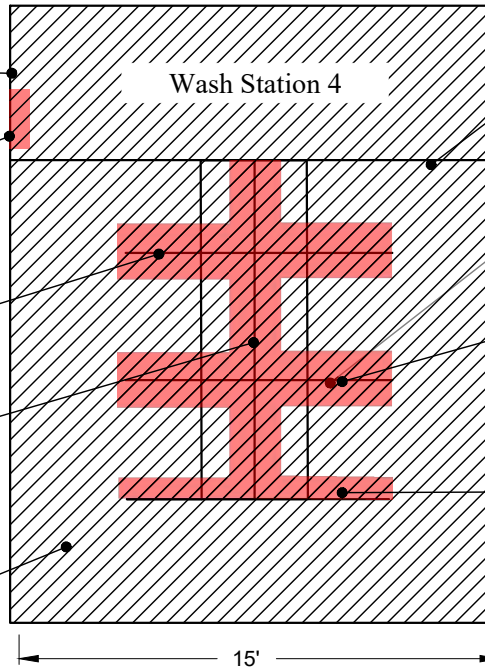
2819-B-P20A: LCP 1,600 mg/kg
2819-B-P20B: LCP 2,600 mg/kg
HM ID: 49 (Brown paint on concrete block wall)

2819-B-P21A: LBP 6,000 mg/kg
2819-B-P21B: LCP 4,800 mg/kg
HM ID: 50 (White paint on wood door)

2819-B-P26A: LBP 6,600 mg/kg
2819-B-P26B: LBP 6,900 mg/kg
HM ID: 55 (Pink paint on concrete wall)

2819-B-P27A: LCP 4,800 mg/kg
2819-B-P27B: LBP 5,200 mg/kg
HM ID: 56 (Pink paint on concrete block wall)

2819-B-P19A: LCP 3,000 mg/kg
2819-B-P19B: LCP 3,000 mg/kg
HM ID: 48 (White paint on metal ceiling)



2819-B-P22A: LCP 4,200 mg/kg
2819-B-P22B: LCP 3,500 mg/kg
HM ID: 51 (White paint on concrete block wall)

2819-B-P23A: <40 mg/kg
2819-B-P23B: <40 mg/kg
HM ID: 52 (Beige paint on wood divider)

2819-B-P24A: LCP 3,900 mg/kg
2819-B-P24B: LCP 3,600 mg/kg
HM ID: 53 (White paint on concrete wall)

2819-B-P25A: LCP 3,100 mg/kg
2819-B-P25B: LCP 3,100 mg/kg
HM ID: 54 (Green paint on concrete wall)

Legend and Notes

Visual Extent of Lead-Based Paint

Visual Extent of Lead-Containing Paint

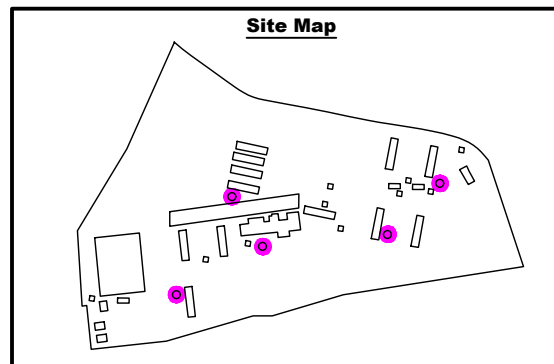
Bold values indicate results above the detection limit.

HM ID - Hazardous Material Identifier

LBP - Lead-Based Paint > 5,000 mg/kg

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



Myounghee Noh & Associates, L.L.C.

Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Wash Area Type 2 (Station 4)

Sheet Number

D12 - 6



HM ID: 1
Wash Area Type 1
Floor 1

Wash 3
Beige textured paint on concrete block wall.

Non-ACM

2819-B-A1A-Texture paint: ND
2919-B-A1A-Paint: ND
2819-B-A1B-Texture paint: ND
2919-B-A1B-Paint: ND
2819-B-A1C-Texture paint: ND
2919-B-A1C-Paint: ND



HM ID: 3
Wash Area Type 2
Floor 1

Wash 4
Brown paint and skim coat on concrete block wall.

Trace Asbestos

2819-B-A3A-Comp Texture / Skim: 0.1% Chrysotile
2819-B-A3B-Comp Texture / Skim: 0.1% Chrysotile
2819-B-A3C-Comp Texture / Skim: <0.1% Chrysotile



HM ID: 4
Wash Area Type 2
Floor 1

Wash 4
White paint and skim coat on concrete block wall.

Trace Asbestos

2819-B-A4A-Comp Texture / Skim: 0.2% Chrysotile
2819-B-A4B-Comp Texture / Skim: 0.1% Chrysotile
2819-B-A4C-Comp Texture / Skim: <0.1% Chrysotile



HM ID: 5
Wash Area Type 2
Floor 1

Wash 4
White paint and skim coat on concrete wall.

Trace Asbestos

2819-B-A5A-Comp Texture / Skim: <0.1% Chrysotile
2819-B-A5B-Comp Texture / Skim: <0.1% Chrysotile
2819-B-A5C-Comp Texture / Skim: 0.1% Chrysotile



HM ID: 36
Wash Type 1
Floor 1

Exterior Wash Area 3
Beige paint on wood divider.

LCP

2819-B-P6A: 340 mg/kg
2819-B-P6B: 91 mg/kg



HM ID: 37
Wash Area Type 1
Floor 1

Exterior Wash Area 1
Green paint on metal ceiling.

Non-LCP

2819-B-P7A: <40 mg/kg
2819-B-P7B: <40 mg/kg



HM ID: 38
Wash Area Type 1
Floor 1

Exterior Wash Area 3
Beige paint on concrete block wall.

Non-LCP

2819-B-P8A: <40 mg/kg
2819-B-P8B: <40 mg/kg



HM ID: 39
Wash Area Type 1
Floor 1

Exterior Wash Area 3
Beige paint on metal pipe.

LBP

2819-B-P9A: 8,700 mg/kg
2819-B-P9B: <40 mg/kg



HM ID: 40
Wash Area Type 1
Floor 1

Exterior Wash Area 1, 2, 3
Light blue paint on metal electrical box.

Non-LCP

2819-B-P10A: <39 mg/kg
2819-B-P10B: <37 mg/kg



HM ID: 48
Wash Area Type 2
Floor 1

Wash 4
White paint on metal ceiling.

LCP
2819-B-P19A: 3,000 mg/kg
2819-B-P19B: 3,000 mg/kg



HM ID: 49
Wash Area Type 2
Floor 1

Wash 4
Brown paint on concrete block wall.

LCP
2819-B-P20A: 1,600 mg/kg
2819-B-P20B: 2,600 mg/kg



HM ID: 50
Wash Area Type 2
Floor 1

Wash 4
White paint on wood door.

LBP
2819-B-P21A: 6,000 mg/kg
2819-B-P21B: 4,800 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 51
Wash Area Type 2
Floor 1

Wash 4
White paint on concrete block wall.

LCP
2819-B-P22A: 4,200 mg/kg
2819-B-P22B: 3,500 mg/kg



HM ID: 52
Wash Area Type 2
Floor 1

Wash 4
Beige paint on wood divider.

Non-LCP
2819-B-P23A: <40 mg/kg
2819-B-P23B: <40 mg/kg



HM ID: 53
Wash Area Type 2
Floor 1

Wash 4 Exterior
White paint on concrete wall.

LCP
2819-B-P24A: 3,900 mg/kg
2819-B-P24B: 3,600 mg/kg



HM ID: 54
Wash Area Type 2
Floor 1

Wash 4 Exterior
Green paint on concrete wall.

LCP
2819-B-P25A: 3,100 mg/kg
2819-B-P25B: 3,100 mg/kg



HM ID: 55
Wash Area Type 2
Floor 1

Wash 4 Exterior
Pink paint on concrete wall.

LBP
2819-B-P26A: 6,600 mg/kg
2819-B-P26B: 6,900 mg/kg



HM ID: 56
Wash Area Type 2
Floor 1

Wash 4 Exterior
Pink paint on concrete block wall.

LBP
2819-B-P27A: 4,800 mg/kg
2819-B-P27B: 5,200 mg/kg

Asbestos-Containing Material Determination Table

Flr.	Space(s)	Locations	HM ID	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Water Shed										
1	Exterior	Walls	154	White	Paint/skim coat	Concrete block	0.1% [^]	Good	500	sq. ft.
1	Exterior	Ceiling, eaves, walls	155	White	Paint/skim coat	Concrete	<0.1% [^]	Good	200	sq. ft.
1	Exterior	Door frame, window frames	156	White	Caulking	Metal	0.1% [^]	Good	20	ln. ft.
1	Interior	Walls	146	White	Plaster Skim coat	Concrete block	ND	Good	500	sq. ft.
1	Interior	Ceiling, walls	147	White	Paint/skim coat	Concrete	ND	Good	300	sq. ft.
1	Interior	Door frame, window frames	148	White	Caulking	Metal	ND	Good	20	ln. ft.
Roof	Exterior	Roofing system	157	Black	Built-up roofing	Concrete	ND	Fair	200	sq. ft.

[^] Indicates that one or more asbestos fibers were detected by the point count method. While less than 1% asbestos is not a regulated material, OSHA considers the trace amount as a health concern.

Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.
Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Abbreviations and Acronyms

HM ID – Homogeneous Material Identifier
ln. ft. – Linear Feet
ND – Not Detected
sq. ft. – Square Feet

HM ID	Locations	Color	Material	Substrate	Results
154	Walls	White	Paint/skim coat	Concrete block	Trace Asbestos [^]
155	Ceiling, eaves, walls	White	Paint/skim coat	Concrete	Trace Asbestos [^]
156	Door frame, window frames	White	Caulking	Metal	Trace Asbestos [^]

2819-A-A20A-Composite: ND
 2819-A-A20B-Composite: ND
 2819-A-A20C: ND
 HM ID: 147 (White paint and skim coat on concrete wall)

2819-A-A21A: ND
 2819-A-A21B: ND
 2819-A-A21C: ND
 HM ID: 148 (White caulking on metal door frame)

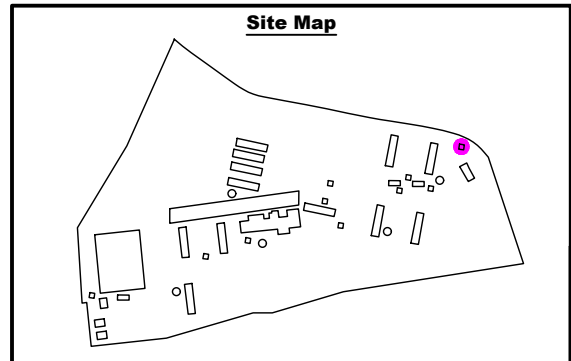
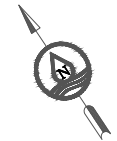
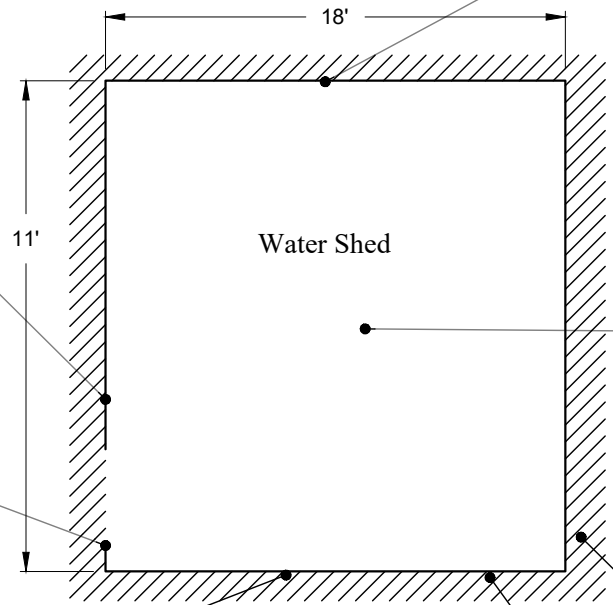
2819-A-A22A-Composite: <1%
 2819-A-A22B-Composite: <1%
 2819-A-A22C-Skim coat/plaster: <1%
 HM ID: 154 (White paint and skim coat on concrete block wall)[^]

2819-A-A19A-Plaster: ND
 2819-A-A19A-Skim coat: ND
 2819-A-A19B-Plaster: ND
 2819-A-A19B-Skim coat: ND
 2819-A-A19C-Skim coat/plaster: ND
 HM ID: 146 (White plaster and skim coat on concrete block wall)

2819-A-A25A: ND
 2819-A-A25B: ND
 2819-A-A20C: ND
 HM ID: 157 (Black built-up roofing on concrete roofing system)

2819-A-A23A: <1%
 2819-A-A23B: <1%
 2819-A-A23C-Skim coat/plaster: <1%
 HM ID: 155 (White paint and skim coat on concrete ceiling)[^]

2819-A-A24A-Skim coat: <1%
 2819-A-A24A-Window putty: ND
 2819-A-A24B-Skim coat: <1%
 2819-A-A24B-Window putty: ND
 2819-A-A24C-Skim coat: <1%
 2819-A-A24C-Window putty: ND
 HM ID: 156 (White skim coat and putty on metal door frame)



Myounghee Noh & Associates, L.L.C.

Sheet Number

D13 - 2

Asbestos Sample and Hazardous Material Locations
 Animal Quarantine Station Site
 Water Shed Interior and Exterior

Legend and Notes

/// Visual Extent of Trace Asbestos

[^] One or more asbestos fibers was identified using the point count method. While the less than 1% asbestos is not a regulated material, trace amounts can be a health hazard.

HM ID - Homogeneous Material Identifier

Lead-Containing Paint Determination

Flr.	Space(s)	HM ID	Locations	Material Color	Material	Substrate	Result	Condition	Est. Qty.	Unit
Water Shed										
1	Interior	143	Walls	White	Paint	Concrete block	<40 mg/kg	Good	500	sq. ft.
1	Interior	144	Ceiling, walls	White	Paint	Concrete	<40 mg/kg	Good	300	sq. ft.
1	Interior	145	Door, door frames, louvers, window frames	Pink	Paint	Metal	LCP 1,600 - 1,800 mg/kg	Fair	100	sq. ft.
1	Exterior	149	Walls	White	Paint	Concrete block	LCP 530 - 580 mg/kg	Good	500	sq. ft.
1	Exterior	150	Ceiling, eaves, walls	White	Paint	Concrete	LCP 460 - 510 mg/kg	Good	200	sq. ft.
1	Exterior	151	Doors	Pink	Paint	Metal	LCP 250 - 1,900 mg/kg	Fair	60	sq. ft.
1	Exterior	152	Door frame, flashing, louvers, window frames	Lt. green	Paint	Metal	LCP 2,000 mg/kg	Fair	80	sq. ft.
1	Exterior	153	Window ledges	Lt. green	Paint	Concrete	LCP 900 - 1,000 mg/kg	Fair	20	sq. ft.

Bold values indicate results above the reporting limit.

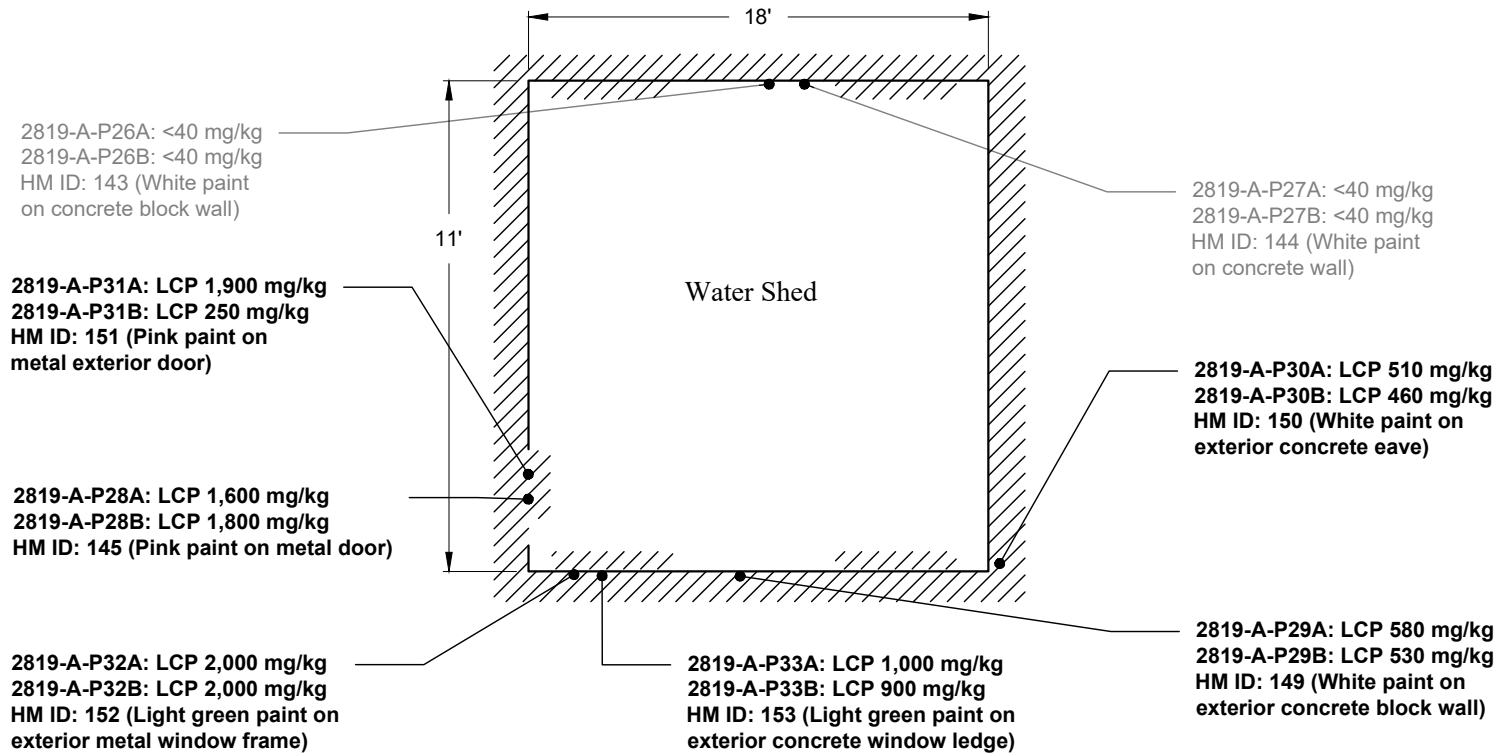
Good – Material is in an "as installed" condition. It is usable as is and may show cosmetic wear and tear or fading.
Fair – Material is functional for its installed purpose but shows initial signs of deterioration beyond the cosmetic.

Abbreviations and Acronyms

HM ID – Hazardous Material Identifier
LCP – Lead-Containing Paint, <5,000 mg/kg
ln.ft. – Linear Feet
mg/kg– milligrams per kilogram or parts per million
sq. ft. – Square Feet

HM ID	Locations	Color	Substrate	Results (mg/kg)
145	Door, door frames, louvers, window frames	Pink	Metal	LCP 1,600 - 1,800
149	Exterior walls	White	Concrete block	LCP 530 - 580
150	Exterior ceiling, eaves, walls	White	Concrete	LCP 460 - 510

HM ID	Locations	Color	Substrate	Results (mg/kg)
151	Exterior doors	Pink	Metal	LCP 250 - 1,900
152	Exterior door frame, flashing, louvers, window frames	Lt. green	Metal	LCP 2,000
153	Exterior window ledges	Lt. green	Concrete	LCP 900 - 1,000



Legend and Notes

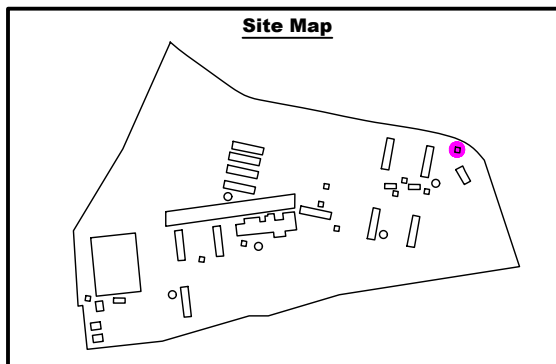
/// Visual Extent of Lead-Containing Paint

Bold values indicate assumed LCP.

HM ID - Hazardous Material Identifier

LCP - Lead-Containing Paint < 5,000 mg/kg

mg/kg - milligrams per kilogram (equivalent to ppm- parts per million)



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Lead Sample and Hazardous Material Locations
Animal Quarantine Station Site
Water Shed Interior and Exterior

Sheet Number
D13 - 4



HM ID: 143
Water Shed
Floor 1

Interior
White paint on concrete block wall.

Non-LCP

2819-A-P26A: <40 mg/kg
2819-A-P26B: <40 mg/kg



HM ID: 144
Water Shed
Floor 1

Interior
White paint on concrete ceiling.

Non-LCP

2819-A-P27A: 40 mg/kg
2819-A-P27B: 40 mg/kg



HM ID: 145
Water Shed
Floor 1

Interior
Pink paint on metal door.

LCP

2819-A-P28A: 1,600 mg/kg
2819-A-P28B: 1,800 mg/kg

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HDOA Animal Quarantine Station, 99-951 Halawa Valley Street, Aiea, Oahu



HM ID: 146
Water Shed
Floor 1

Interior
White paint and skim coat on concrete block wall.

Non-ACM

2819-A-A19A-Plaster: ND
2819-A-A19A-Skim coat: ND
2819-A-A19B-Plaster: ND
2819-A-A19B-Skim coat: ND
2819-A-A19C-Skim coat/Plaster: ND



HM ID: 147
Water Shed
Floor 1

Interior
White paint and skim coat on concrete ceiling.

Non-ACM

2819-A-A20A-Composite: ND
2819-A-A20B-Composite: ND
2819-A-A20C: ND



HM ID: 148
Water Shed
Floor 1

Interior
White caulking on metal door frame.

Non-ACM

2819-A-A21A: ND
2819-A-A21B: ND
2819-A-A21C: ND



HM ID: 149
Water Shed
Floor 1

Exterior
White paint on concrete block wall.

LCP
2819-A-P29A: 580 mg/kg
2819-A-P29B: 530 mg/kg



HM ID: 150
Water Shed
Floor 1

Exterior
White paint on concrete wall.

LCP
2819-A-P30A: 510 mg/kg
2819-A-P30B: 460 mg/kg



HM ID: 151
Water Shed
Floor 1

Exterior
Pink paint on metal door.

LCP
2819-A-P31A: 1,900 mg/kg
2819-A-P31B: 250 mg/kg



HM ID: 152
Water Shed
Floor 1

Exterior
Light green paint on metal window frame.

LCP
2819-A-P32A: 2,000 mg/kg
2819-A-P32B: 2,000 mg/kg



HM ID: 153
Water Shed
Floor 1

Exterior
Light green paint on concrete window ledge.

LCP
2819-A-P33A: 1,000 mg/kg
2819-A-P33B: 900 mg/kg



HM ID: 154
Water Shed
Floor 1

Exterior
White paint and skim coat on concrete block wall.

Non-ACM
2819-A-A22A-Composite: ND
2819-A-A22B-Composite: ND
2819-A-A22C-Skim coat/Plaster: ND



HM ID: 155
Water Shed
Floor 1

Exterior
White paint and skim coat on concrete ceiling.

Non-ACM

2819-A-A23A: ND
2819-A-A23B: ND
2819-A-A23C-Skim coat/Plaster: ND



HM ID: 156
Water Shed
Floor 1

Exterior
White caulking on metal window frame.

Non-ACM

2819-A-A24A-Skim coat: ND
2819-A-A24A-Window putty: ND
2819-A-A24B-Skim coat: ND
2819-A-A24B-Window putty: ND
2819-A-A24C-Skim coat: ND
2819-A-A24C-Window putty: ND



HM ID: 157
Water Shed
Roof

Exterior
Black built-up roofing on concrete roofing system.

Non-ACM

2819-A-A25A: ND
2819-A-A25B: ND
2819-A-A25C: ND

APPENDIX E: LABORATORY ANALYTICAL REPORTS



LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order: 322015536

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
Myounghee Noh & Associates, LLC
99-1046 Iwaena Street
Suite 210A
Aiea, HI 96701

Project: 2819_2 AQS, Team B

Phone: (808) 484-9214

Fax:

Received Date: 08/25/2020 10:00 AM

Analysis Date: 08/28/2020

Collected Date: 08/17/2020

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A1A-Texture Paint <small>322015536-0001</small>	1	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A1A-Paint <small>322015536-0001A</small>	1	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A1B-Texture Paint <small>322015536-0002</small>	1	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A1B-Paint <small>322015536-0002A</small>	1	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A1C-Texture Paint <small>322015536-0003</small>	1	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A1C-Paint <small>322015536-0003A</small>	1	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A2A <small>322015536-0004</small>	2	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A2B <small>322015536-0005</small>	2	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A2C <small>322015536-0006</small>	2	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A6A <small>322015536-0007</small>	6	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A6B <small>322015536-0008</small>	6	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A6C <small>322015536-0009</small>	6	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A7A-Drywall <small>322015536-0010</small>	7	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A7A-Joint Compound <small>322015536-0010A</small>	7	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A7B <small>322015536-0011</small>	7	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected

Initial report from: 08/28/2020 09:37:09



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<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order: 322015536

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A7C 322015536-0012	7	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A8A-VFT 322015536-0013	8	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A8A-Mastic 322015536-0013A	8	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A8B-VFT 322015536-0014	8	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A8B-Mastic 322015536-0014A	8	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A8C-VFT 322015536-0015	8	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A8C-Mastic 322015536-0015A	8	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
2819-B-A9A 322015536-0016	9	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A9B 322015536-0017	9	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A9C 322015536-0018	9	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A10A-Cove Base 322015536-0019	10	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A10A-Mastic 322015536-0019A	10	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A10A-Joint Compound 322015536-0019B	10	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A10B-Cove Base 322015536-0020	10	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A10B-Mastic 322015536-0020A	10	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A10C-Cove Base 322015536-0021	10	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A10C-Mastic 322015536-0021A	10	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A11A 322015536-0022	11	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order: 322015536

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A11B 322015536-0023	11	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A11C 322015536-0024	11	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A12A-Shingle 322015536-0025	12	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A12A-Felt 322015536-0025A	12	Black Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2819-B-A12B-Shingle 322015536-0026	12	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A12B-Felt 322015536-0026A	12	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2819-B-A12C-Shingle 322015536-0027	12	White/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A12C-Tar 322015536-0027A	12	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A13A 322015536-0028	13	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A13B 322015536-0029	13	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A13C 322015536-0030	13	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A14A-Drywall 322015536-0031	14	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A14A-Joint Compound 322015536-0031A	14	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A14B-Drywall 322015536-0032	14	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A14B-Joint Compound 322015536-0032A	14	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A14C 322015536-0033	14	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A15A-Cove Base 322015536-0034	15	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A15A-Mastic 1 322015536-0034A	15	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/28/2020 09:37:09



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LA Testing Order: 322015536

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A15A-Mastic 2 <small>322015536-0034B</small>	15	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A15B-Cove Base <small>322015536-0035</small>	15	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A15B-Mastic <small>322015536-0035A</small>	15	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A15C-Cove Base <small>322015536-0036</small>	15	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A15C-Mastic <small>322015536-0036A</small>	15	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A16A <small>322015536-0037</small>	16	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A16B <small>322015536-0038</small>	16	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A16C <small>322015536-0039</small>	16	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A17A-VFT <small>322015536-0040</small>	17	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A17A-Mastic <small>322015536-0040A</small>	17	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A17B-VFT <small>322015536-0041</small>	17	Tan Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
2819-B-A17B-Mastic <small>322015536-0041A</small>	17	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A17C-VFT <small>322015536-0042</small>	17	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A17C-Mastic <small>322015536-0042A</small>	17	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
2819-B-A18A <small>322015536-0043</small>	18	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A18B <small>322015536-0044</small>	18	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A18C <small>322015536-0045</small>	18	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A19A <small>322015536-0046</small>	19	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/28/2020 09:37:09



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LA Testing Order: 322015536

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A19B <small>322015536-0047</small>	19	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A19C-Texture Paint <small>322015536-0048</small>	19	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A19C-Paint <small>322015536-0048A</small>	19	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A20A-Shingle <small>322015536-0049</small>	20	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A20A-Felt <small>322015536-0049A</small>	20	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2819-B-A20B-Felt <small>322015536-0050</small>	20	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2819-B-A20B-Tar <small>322015536-0050A</small>	20	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A20C-Felt <small>322015536-0051</small>	20	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2819-B-A20C-Tar <small>322015536-0051A</small>	20	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A21A <small>322015536-0052</small>	21	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A21B <small>322015536-0053</small>	21	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A21C <small>322015536-0054</small>	21	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A22A <small>322015536-0055</small>	22	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A22B <small>322015536-0056</small>	22	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A22C <small>322015536-0057</small>	22	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-B-A23A-VFT <small>322015536-0058</small>	23	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A23A-Mastic <small>322015536-0058A</small>	23	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A23A-Leveling Compound <small>322015536-0058B</small>	23	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/28/2020 09:37:09



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Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A23B-VFT <small>322015536-0059</small>	23	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A23B-Mastic <small>322015536-0059A</small>	23	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A23B-Leveling Compound <small>322015536-0059B</small>	23	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A23C-VFT <small>322015536-0060</small>	23	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A23C-Mastic <small>322015536-0060A</small>	23	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A24A-Cove Base <small>322015536-0061</small>	24	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A24A-Mastic <small>322015536-0061A</small>	24	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A24B-Cove Base <small>322015536-0062</small>	24	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A24B-Mastic <small>322015536-0062A</small>	24	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A24C <small>322015536-0063</small>	24	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A25A-Shingle <small>322015536-0064</small>	25	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A25A-Felt <small>322015536-0064A</small>	25	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
2819-B-A25B-Shingle <small>322015536-0065</small>	25	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A25B-Felt <small>322015536-0065A</small>	25	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
2819-B-A25C-Shingle 1 <small>322015536-0066</small>	25	Black/Beige Fibrous Heterogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
2819-B-A25C-Shingle 2 <small>322015536-0066A</small>	25	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A25C-Felt <small>322015536-0066B</small>	25	Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected

Initial report from: 08/28/2020 09:37:09



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LA Testing Order: 322015536

Customer ID: 32MYOU50

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Project ID:

Analyst(s)

Donna Cao (33)

Nahid Motamedi (71)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 08/28/2020 09:37:09



Asbestos Chain of Custody
LA Testing Order Number (lab use only):

#322015536

LA Testing
 520 Mission Street

South Pasadena, CA 91030
 PHONE: 1-800-303-0047
 FAX: (323) 254-9982

Company Name : Myounghee Noh & Associates, LLC		LA Testing Customer ID:	
Street: 99-1046 Iwaena Street Suite 210A		City: Aiea	State or Province: HI
Zip/Postal Code: 96701	Country: US	Telephone #: 808-484-9214	Fax #:
Report To (Name): Kealohilani Serrao		Please Provide Results via: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
email Address: kealohi@noh-associates.com		Purchase Order Number: 2819_2	
Client Project ID: 2819_2 AQS, Team B		LA Testing Project ID (internal use only):	
State or Province Collected: HI		CT only <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
LAT Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different - If bill to is different note instructions in comment. Third party billing requires written authorization.			
Turnaround Time (TAT) Options Please Check			
<input type="checkbox"/> 3 Hr ¹	<input type="checkbox"/> 4-4.5Hr ¹ <small>AHERA Only</small>	<input type="checkbox"/> 6 Hr ¹	<input type="checkbox"/> 24 Hr
<input type="checkbox"/> 32 Hr ²	<input type="checkbox"/> 48 Hr	<input checked="" type="checkbox"/> 72 Hr	<input type="checkbox"/> 96 Hr
<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week		
<small>¹Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT - you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule ²32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.</small>			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable - NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air¹ <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%)* TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Settled Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil - Rock - Vermiculite (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%)* <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM <small>*Lower reporting limits available on request</small> Other test (please specify):	
<input checked="" type="checkbox"/> Stop At First Positive (clearly identify homogenous areas below)		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Sampler's Name: Kealohilani Serrao		Sampler's Signature: <i>[Signature]</i>	
Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
2819-B-A1A	See field forms	Bulk	8/17/20 900
2819-B-A1B	↓	↓	↓
2819-B-A1C	↓	↓	↓
2819-B-A2A	↓	↓	↓
2819-B-A2B	↓	↓	↓
Client Sample # (s): 2819-BA1A - 2819-B-A2C		- 2819-B-A6A - 2819-B-A25C Total # of Samples:66	
Relinquished by (Client): Kealohilani Serrao <i>[Signature]</i> Date: 8/24/20		Time: 1000am	
Received by (Lab): <i>[Signature]</i> Date: 8/25/2020		Time: 1000	
Comments/Special Instructions: Bill To: Myounghee Noh & Associates, LLC, 99-1046 Iwaena Street, Suite 210A, Aiea, HI, 96701, US Attention: Kealohilani Serrao Phone: 808-484-9214 Email: kealohi@noh-associates.com Purchase Order:			



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

#322015536

LATesting
520 Mission Street

South Pasadena, CA 91030
PHONE: 1-800-303-0047
FAX: (323) 254-9982

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A2C	See field forms	Bulk	8/17/20 900
2819-A6A	See field forms	Bulk	8/19/20 900
2819-A6B	↓	↓	↓
2819-A6C			
	↓	↓	↓
2819-B-A25A	↓	↓	↓
2819-B-A25B			
2819-B-A25C			

***Comments/Special Instructions:**
 BillTo: Myounghee Noh & Associates, LLC, 99-1046 Iwaena Street, Suite 210A, Aiea, HI, 96701, US
 Attention: Kealohilani Serrao Phone: 808-484-9214 Email: kealohi@noh-associates.com Purchase Order:

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: KS/JSB Survey Dates and Times: 8/17 9am

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
1	Wash Tent		Wash 1, Wash 2, Wash 3	wall	base	P	CC block	GFP	Y (N)	300	Orange
			Room Sampled	Sample Location	PIC ID	Notes					
2819-B-A-1	1	A	WASH 3	wall							
2819-B-A-1	1	B	WASH 3	wall							
2819-B-A-1	1	C	WASH 1	wall							
2	Shed 1		Shed 1, Shed 2	sink	w	caulk	W	GFP	Y (N)	6	Green
			Room Sampled	Sample Location	PIC ID	Notes					
2819-B-A-2	2	A	Shed 2	sink							
2819-B-A-2	2	B									
2819-B-A-2	2	C									
			Room Sampled	Sample Location	PIC ID	Notes					
2819-B-A-2	2	A									
2819-B-A-2	2	B									
2819-B-A-2	2	C									
			Room Sampled	Sample Location	PIC ID	Notes					
2819-B-A-2	2	A									
2819-B-A-2	2	B									
2819-B-A-2	2	C									

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: JB/KS Survey Dates and Times: 8/19

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area (Sq. ft or L. ft)	Hatch Color																				
6	D2	I	Living Rm, Rm 1, Rm 2, Rm 3, RR, Closet	Ceiling	w	DW	n/a	GFP	Y (N)	2000																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A-6-A</td> <td>ROOM 2</td> <td>ceiling</td> <td>2479</td> <td></td> </tr> <tr> <td>2819-B-A-6-B</td> <td>Living Rm Living room</td> <td>↓</td> <td></td> <td></td> </tr> <tr> <td>2819-B-A-6-C</td> <td>Closet</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A-6-A	ROOM 2	ceiling	2479		2819-B-A-6-B	Living Rm Living room	↓			2819-B-A-6-C	Closet			
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A-6-A	ROOM 2	ceiling	2479																												
2819-B-A-6-B	Living Rm Living room	↓																													
2819-B-A-6-C	Closet																														
7	D2	I	Living Rm, Rm 1, Rm 2, Rm 3, RR, Closet	walls	beige	DW	n/a	GFP	Y (N)	4000																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A-7-A</td> <td>Rm 1</td> <td>wall</td> <td>2480</td> <td></td> </tr> <tr> <td>2819-B-A-7-B</td> <td>Rm 3</td> <td>↓</td> <td></td> <td></td> </tr> <tr> <td>2819-B-A-7-C</td> <td>RR</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A-7-A	Rm 1	wall	2480		2819-B-A-7-B	Rm 3	↓			2819-B-A-7-C	RR			
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A-7-A	Rm 1	wall	2480																												
2819-B-A-7-B	Rm 3	↓																													
2819-B-A-7-C	RR																														
8	D2	I	Living Rm, Rm 1, Rm 2, Rm 3, RR, Closet	Floor	Tan	10" x 4" VFT	CC	GFP	Y (N)	2000																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A-8-A</td> <td>Living Rm</td> <td>Floor</td> <td>2481</td> <td></td> </tr> <tr> <td>2819-B-A-8-B</td> <td>Closet</td> <td>↓</td> <td></td> <td></td> </tr> <tr> <td>2819-B-A-8-C</td> <td>RR</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A-8-A	Living Rm	Floor	2481		2819-B-A-8-B	Closet	↓			2819-B-A-8-C	RR			
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A-8-A	Living Rm	Floor	2481																												
2819-B-A-8-B	Closet	↓																													
2819-B-A-8-C	RR																														

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
9	Dd	1	Kitchen	Sink	w	Coating	M	GFP	Y N TSI SM	4	Orange																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A 9 A</td> <td>Kitchen</td> <td>Sink</td> <td>0482</td> <td></td> </tr> <tr> <td>2819-B-A 9 B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A 9 C</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A 9 A	Kitchen	Sink	0482		2819-B-A 9 B					2819-B-A 9 C				
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A 9 A	Kitchen	Sink	0482																												
2819-B-A 9 B																															
2819-B-A 9 C																															
10	Dd	1	Living Room, Rm 1, Rm 2, Rm 3, RR	Wall	gray	concrete	DN	GFP	Y N TSI SM	300	Black																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A 10 A</td> <td>ROOM 2</td> <td>is concrete wall</td> <td>0483</td> <td></td> </tr> <tr> <td>2819-B-A 10 B</td> <td>LIVING ROOM</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A 10 C</td> <td>ROOM 1</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A 10 A	ROOM 2	is concrete wall	0483		2819-B-A 10 B	LIVING ROOM				2819-B-A 10 C	ROOM 1			
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A 10 A	ROOM 2	is concrete wall	0483																												
2819-B-A 10 B	LIVING ROOM																														
2819-B-A 10 C	ROOM 1																														
11	Dd	1	RR	shower	w	grout	4" x 4" Ceramic tile	GFP	Y N TSI SM	20	Yellow																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A 11 A</td> <td>RR</td> <td>shower</td> <td>0484</td> <td></td> </tr> <tr> <td>2819-B-A 11 B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A 11 C</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A 11 A	RR	shower	0484		2819-B-A 11 B					2819-B-A 11 C				
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A 11 A	RR	shower	0484																												
2819-B-A 11 B																															
2819-B-A 11 C																															

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area (Sq. ft or L. ft)	Hatch Color
12	02	ext	Ext Exterior	Roof	Black	WR	W	GFP	Y (N)	2000	Green
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-B-A	12	A	Ext	Roof	2486						
2819-B-A	12	B									
2819-B-A	12	C									
13	02	ext	Exterior	wall	beise	P	CL black	GFP	Y (N)	200	Brown
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-B-A	13	A	exterior	wall	2487						
2819-B-A	13	B									
2819-B-A	13	C									
HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area (Sq. ft or L. ft)	Hatch Color
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-B-A		A									
2819-B-A		B									
2819-B-A		C									

333

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: JPKS Survey Dates and Times: 8/20 9am

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
14	College I	I	Living Rm, Am I, Am 2 Rm 3, RR Closet	Walls, Ceilings	W	DW	n/a	GFP	Y N TSI S M	3000																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A 14 A</td> <td>Living room</td> <td>wall</td> <td>2500</td> <td></td> </tr> <tr> <td>2819-B-A 14 B</td> <td>LIVING ROOM</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A 14 C</td> <td>Rm 3</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A 14 A	Living room	wall	2500		2819-B-A 14 B	LIVING ROOM				2819-B-A 14 C	Rm 3			
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A 14 A	Living room	wall	2500																												
2819-B-A 14 B	LIVING ROOM																														
2819-B-A 14 C	Rm 3																														
15	College I	I	Living Rm, Am I, Am 2 Rm 3, RR	wall	Grey	Carbure	DW	GFP	Y N TSI S M	500																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A 15 A</td> <td>Living Rm</td> <td>wall</td> <td>2501</td> <td></td> </tr> <tr> <td>2819-B-A 15 B</td> <td>Rm 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A 15 C</td> <td>Rm 2</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A 15 A	Living Rm	wall	2501		2819-B-A 15 B	Rm 2				2819-B-A 15 C	Rm 2			
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A 15 A	Living Rm	wall	2501																												
2819-B-A 15 B	Rm 2																														
2819-B-A 15 C	Rm 2																														
16	College I	I	Kitchen	Sink	W	Coatlis	M	GFP	Y N TSI S M	6																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A 16 A</td> <td>Kitchen</td> <td>sink</td> <td>2502</td> <td></td> </tr> <tr> <td>2819-B-A 16 B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A 16 C</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A 16 A	Kitchen	sink	2502		2819-B-A 16 B					2819-B-A 16 C				
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A 16 A	Kitchen	sink	2502																												
2819-B-A 16 B																															
2819-B-A 16 C																															

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819_2 Location: Animal Quarantine Station Inspector Initials: Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
17	Cottage I	I	Living-Rm, Amt, Bed, RR, Closet	Floor	Tan	12" x 12" VFT	CC	GFP	Y (N) TSI S (M)	done																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A-17-A</td> <td>Living Room</td> <td>FLOOR</td> <td>2503</td> <td></td> </tr> <tr> <td>2819-B-A-17-B</td> <td>VM 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A-17-C</td> <td>VM 1</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A-17-A	Living Room	FLOOR	2503		2819-B-A-17-B	VM 2				2819-B-A-17-C	VM 1			
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A-17-A	Living Room	FLOOR	2503																												
2819-B-A-17-B	VM 2																														
2819-B-A-17-C	VM 1																														
18	Cottage I	I	RR	Shower	W	spot	d'xd' ceramic tile	GFP	Y (N) TSI S (M)	30																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A-18-A</td> <td>RR</td> <td>shower</td> <td>2504</td> <td></td> </tr> <tr> <td>2819-B-A-18-B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A-18-C</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A-18-A	RR	shower	2504		2819-B-A-18-B					2819-B-A-18-C				
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A-18-A	RR	shower	2504																												
2819-B-A-18-B																															
2819-B-A-18-C																															
19	Cottage I	ext	exterior	wall	beige	P	CC black	GFP	Y (N) TSI S (M)	done																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A-19-A</td> <td>ext</td> <td>wall</td> <td>2505</td> <td></td> </tr> <tr> <td>2819-B-A-19-B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A-19-C</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A-19-A	ext	wall	2505		2819-B-A-19-B					2819-B-A-19-C				
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-B-A-19-A	ext	wall	2505																												
2819-B-A-19-B																															
2819-B-A-19-C																															

Page 2 of 3

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
	20 College Off		external	roof	black	bur	w	GFP	Y N TSI S M	2000	
			Room Sampled	Sample Location		PIC ID			Notes		
			ext	roof		2511					
2819 - B - A	20 A										
2819 - B - A	20 B										
2819 - B - A	20 C										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
			Room Sampled	Sample Location		PIC ID			Notes		
2819 - B - A	A										
2819 - B - A	B							GFP	Y N TSI S M		
2819 - B - A	C										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
			Room Sampled	Sample Location		PIC ID			Notes		
2819 - B - A	A										
2819 - B - A	B										
2819 - B - A	C										

Done 2/28/23

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
21	0	1	Office	ceiling	W	DW	N/A	GFP	Y N TSI S M	200	
Notes											
PIC ID											
2530											
22	0	1	Office	walls	blue	DW	N/A	GFP	Y N TSI S M	300	
Notes											
PIC ID											
2531											
23	0	1	Office	floor	gray	10" x 10" VIT	W	GFP	Y N TSI S M	200	
Notes											
PIC ID											
2532											

- 1.7.

#322015536

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: Survey Dates and Times:

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
24	0	1	Office	walls	W	concrete	DN	GFP	Y N TSI S M	40	Orange																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-B-A 24 A</td> <td>Office</td> <td>walls</td> <td>2533</td> <td></td> </tr> <tr> <td>2819-B-A 24 B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-B-A 24 C</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-B-A 24 A	Office	walls	2533		2819-B-A 24 B					2819-B-A 24 C				
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2819-B-A 24 B																															
2819-B-A 24 C																															
25	0	ext	roof	roof	black	roofs system	W	GFP	Y N TSI S M	200	Red																				
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2819-B-A B																															
2819-B-A C																															

Page 2 of 2

#322015536

SHIP DATE: 24AUG20
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ORIGIN ID: NAXA (808) 484-9214
CONTACT NAME: MYOUNGHEE NOH & ASSOCIATES, LLC
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AREA: HI 96701
UNITED STATES US

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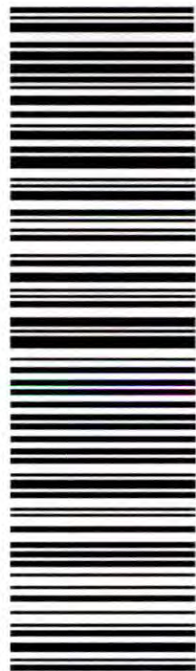
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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
Myounghee Noh & Associates, LLC
99-1046 Iwaena Street
Suite 210A
Aiea, HI 96701

Phone: (808) 484-9214

Fax:

Received Date: 09/02/2020 9:30 AM

Analysis Date: 09/03/2020 - 09/08/2020

Collected Date: 08/27/2020

Project: 2819_2 AQS-Team B

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A3A-Comp Texture Paint/Skim Coat 322016035-0001 <i>Unable to separate</i>	3	Brown/Various/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A3B-Comp Texture Paint/Skim Coat 322016035-0002 <i>Unable to separate</i>	3	Brown/Tan/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A3C-Comp Texture Paint/Skim Coat 322016035-0003 <i>Unable to separate.</i>	3	Brown/Tan/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A4A-Comp Texture Paint/Skim Coat 322016035-0004 <i>Unable to separate</i>	4	Blue/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A4B-Comp Texture Paint/Skim Coat 322016035-0005 <i>Unable to separate</i>	4	Blue/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A4C-Comp Texture Paint/Skim Coat 322016035-0006 <i>Unable to separate.</i>	4	Blue/Pink/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A5A-Comp Texture Paint/Skim Coat 322016035-0007 <i>Unable to separate</i>	5	Gray/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A5B-Comp Texture Paint/Skim Coat 322016035-0008 <i>Unable to separate</i>	5	Gray/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A5C-Comp Texture Paint/Skim Coat 322016035-0009 <i>Unable to separate.</i>	5	Blue/Pink/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A-26A-Texture Paint 322016035-0010	26	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-26A-Skim Coat	26	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0010A					
2819-B-A-26B-Texture Paint	26	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0011					
2819-B-A-26B-Skim Coat	26	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0011A					
2819-B-A-26C-Texture Paint	26	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0012					
2819-B-A-26C-Skim Coat	26	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0012A					
2819-B-A-27A-Texture Paint	27	Beige Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
322016035-0013 <i>Insufficient skim coat present for analysis.</i>					
2819-B-A-27B-Texture Paint	27	Beige Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
322016035-0014 <i>Insufficient skim coat present for analysis.</i>					
2819-B-A-27C-Texture Paint	27	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0015					
2819-B-A-27C-Skim Coat	27	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0015A					
2819-B-A-28A-Wrap	28	Brown/Silver Fibrous Homogeneous	50% Cellulose 10% Glass	40% Non-fibrous (Other)	None Detected
322016035-0016					
2819-B-A-28A-Insulation	28	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
322016035-0016A					
2819-B-A-28B-Wrap	28	Brown/Silver Fibrous Homogeneous	50% Cellulose 10% Glass	40% Non-fibrous (Other)	None Detected
322016035-0017					
2819-B-A-28B-Insulation	28	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
322016035-0017A					
2819-B-A-28C-Wrap	28	Brown/Silver Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
322016035-0018					
2819-B-A-28C-Insulation	28	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
322016035-0018A					

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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-29A <small>322016035-0019</small>	29	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-29B <small>322016035-0020</small>	29	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-29C <small>322016035-0021</small>	29	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-30A-Caulk Like <small>322016035-0022</small>	30	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-30A-Foam <small>322016035-0022A</small>	30	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-30B <small>322016035-0023</small>	30	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-30C <small>322016035-0024</small>	30	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-31A-Paint/Foam <small>322016035-0025</small>	100	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-31A-Skim Coat <small>322016035-0025A</small>	100	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-31B-Paint <small>322016035-0026</small>	100	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-31B-Skim Coat <small>322016035-0026A</small>	100	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-31C-Texture Paint <small>322016035-0027</small>	100	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-31C-Skim Coat <small>322016035-0027A</small>	100	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-32A <small>322016035-0028</small>	158	White/Beige Fibrous Heterogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
2819-B-A-32B <small>322016035-0029</small>	158	White/Beige Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
2819-B-A-32C <small>322016035-0030</small>	158	Gray/White Fibrous Homogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
2819-B-A-33A <small>322016035-0031</small>	159	Brown/White Fibrous Heterogeneous	20% Cellulose	5% Mica 75% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-33B-Drywall 322016035-0032	159	Brown/White Fibrous Heterogeneous	10% Cellulose	5% Mica 85% Non-fibrous (Other)	None Detected
2819-B-A-33B-Joint Compound 322016035-0032A	159	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-33C 322016035-0033	159	Brown/White Fibrous Heterogeneous	20% Cellulose	2% Mica 78% Non-fibrous (Other)	None Detected
2819-B-A-34A-Comp Texture Paint/Skim Coat 322016035-0034 Unable to separate	160	Gray/White Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
2819-B-A-34B-Comp Texture Paint/Skim Coat 322016035-0035 Unable to separate	160	Gray/White Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
2819-B-A-34C-Comp Texture Paint/Skim Coat 322016035-0036 Unable to separate.	160	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-35A-Wrap 322016035-0037	161	Brown/Silver Fibrous Homogeneous	50% Cellulose 10% Glass	40% Non-fibrous (Other)	None Detected
2819-B-A-35A-Insulation 322016035-0037A	161	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-B-A-35B-Wrap 322016035-0038	161	Brown/Silver Fibrous Homogeneous	50% Cellulose 10% Glass	40% Non-fibrous (Other)	None Detected
2819-B-A-35B-Insulation 322016035-0038A	161	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-B-A-35C-Wrap 322016035-0039	161	Brown/Silver Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2819-B-A-35C-Insulation 322016035-0039A	161	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-B-A-36A-Cove Base 322016035-0040	162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-36A-Mastic 322016035-0040A	162	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-36B-Cove Base 322016035-0041	162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-36B-Mastic <small>322016035-0041A</small>	162	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-36C-Cove Base <small>322016035-0042</small>	162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-36C-Mastic <small>322016035-0042A</small>	162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-37A-Linoleum <small>322016035-0043</small>	163	Tan Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-B-A-37A-Mastic <small>322016035-0043A</small>	163	Beige Non-Fibrous Homogeneous	5% Fibrous (Other)	95% Non-fibrous (Other)	None Detected
2819-B-A-37B-Linoleum <small>322016035-0044</small>	163	Tan Non-Fibrous Homogeneous	10% Cellulose 5% Synthetic 5% Glass	80% Non-fibrous (Other)	None Detected
2819-B-A-37B-Mastic <small>322016035-0044A</small>	163	Beige Non-Fibrous Homogeneous	5% Fibrous (Other)	95% Non-fibrous (Other)	None Detected
2819-B-A-37C-Linoleum <small>322016035-0045</small>	163	Tan Non-Fibrous Homogeneous	5% Cellulose 3% Synthetic	92% Non-fibrous (Other)	None Detected
2819-B-A-37C-Mastic <small>322016035-0045A</small>	163	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-38A-Vinyl Floor Tile <small>322016035-0046</small>	164	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-38A-Mastic <small>322016035-0046A</small>	164	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A-38B-Vinyl Floor Tile <small>322016035-0047</small>	164	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-38B-Mastic <small>322016035-0047A</small>	164	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A-38C-Vinyl Floor Tile <small>322016035-0048</small>	164	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-38C-Mastic <small>322016035-0048A</small>	164	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A-39A <small>322016035-0049</small>	165	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	3% Mica 75% Non-fibrous (Other)	None Detected
2819-B-A-39B-Drywall <small>322016035-0050</small>	165	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	3% Mica 75% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-39B-Joint Compound <small>322016035-0050A</small>	165	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-39C-Drywall <small>322016035-0051</small>	165	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	2% Mica 76% Non-fibrous (Other)	None Detected
2819-B-A-39C-Joint Compound <small>322016035-0051A</small>	165	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-40A <small>322016035-0052</small>	166	White/Beige Fibrous Heterogeneous	50% Cellulose 20% Min. Wool	20% Perlite 10% Non-fibrous (Other)	None Detected
2819-B-A-40B <small>322016035-0053</small>	166	White/Beige Fibrous Heterogeneous	50% Cellulose 20% Min. Wool	20% Perlite 10% Non-fibrous (Other)	None Detected
2819-B-A-40C <small>322016035-0054</small>	166	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
2819-B-A-41A-Drywall <small>322016035-0055</small>	167	White Non-Fibrous Homogeneous	2% Cellulose 2% Glass	96% Non-fibrous (Other)	None Detected
2819-B-A-41A-Joint Compound <small>322016035-0055A</small>	167	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-41B-Drywall <small>322016035-0056</small>	167	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	3% Mica 75% Non-fibrous (Other)	None Detected
2819-B-A-41B-Joint Compound <small>322016035-0056A</small>	167	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-41C-Drywall <small>322016035-0057</small>	167	White Non-Fibrous Homogeneous	2% Glass	2% Mica 96% Non-fibrous (Other)	None Detected
2819-B-A-41C-Joint Compound <small>322016035-0057A</small>	167	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-42A-Texture Paint <small>322016035-0058</small>	168	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-42A-Skim Coat <small>322016035-0058A</small>	168	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-42B-Texture Paint <small>322016035-0059</small>	168	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-42B-Skim Coat <small>322016035-0059A</small>	168	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/08/2020 08:02:50



LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@lateesting.com

LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-42C-Comp Texture Paint/Skim Coat	168	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0060 Unable to separate.</i>					
2819-B-A-43A-Cove Base	169	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0061</i>					
2819-B-A-43A-Mastic 1	169	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0061A</i>					
2819-B-A-43A-Mastic 2	169	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0061B</i>					
2819-B-A-43B-Cove Base	169	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0062</i>					
2819-B-A-43B-Mastic	169	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0062A</i>					
2819-B-A-43C-Cove Base	169	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0063</i>					
2819-B-A-43C-Mastic	169	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0063A</i>					
2819-B-A-44A-Vinyl Floor Tile	170	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0064</i>					
2819-B-A-44A-Mastic	170	Black Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
<i>322016035-0064A</i>					
2819-B-A-44B-Vinyl Floor Tile	170	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0065</i>					
2819-B-A-44B-Mastic	170	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
<i>322016035-0065A</i>					
2819-B-A-44C-Vinyl Floor Tile	170	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0066</i>					
2819-B-A-44C-Mastic	170	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
<i>322016035-0066A</i>					
2819-B-A-51A-Vinyl Floor Tile	185	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0067</i>					
2819-B-A-51A-Mastic	185	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0067A</i>					

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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-51B-Vinyl Floor Tile <small>322016035-0068</small>	185	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-51B-Mastic <small>322016035-0068A</small>	185	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A-51C-Vinyl Floor Tile <small>322016035-0069</small>	185	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-51C-Mastic <small>322016035-0069A</small>	185	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-B-A-52A <small>322016035-0070</small>	196	White/Beige Non-Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
2819-B-A-52B <small>322016035-0071</small>	196	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-52C <small>322016035-0072</small>	196	Gray/White/Beige Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
2819-B-A-45A-Texture Paint <small>322016035-0073</small>	186	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-45A-Skim Coat <small>322016035-0073A</small>	186	Gray Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
2819-B-A-45B-Texture Paint <small>322016035-0074</small>	186	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-45B-Skim Coat <small>322016035-0074A</small>	186	Gray Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
2819-B-A-45C-Texture Paint <small>322016035-0075</small>	186	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-45C-Skim Coat <small>322016035-0075A</small>	186	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-B-A-46A-Wrap <small>322016035-0076</small>	187	Silver/Beige Fibrous Heterogeneous	40% Cellulose 10% Glass	50% Non-fibrous (Other)	None Detected
2819-B-A-46A-Insulation <small>322016035-0076A</small>	187	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-B-A-46B-Wrap <small>322016035-0077</small>	187	Silver/Beige Fibrous Heterogeneous	40% Cellulose 10% Glass	50% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-46B-Insulation 322016035-0077A	187	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
2819-B-A-46C-Wrap 322016035-0078	187	White/Silver Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2819-B-A-46C-Insulation 322016035-0078A	187	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
2819-B-A-47A-Wrap 322016035-0079	188	Silver/Beige Fibrous Heterogeneous	40% Cellulose 10% Glass	50% Non-fibrous (Other)	None Detected
2819-B-A-47A-Insulation 322016035-0079A	188	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
2819-B-A-47B-Wrap 322016035-0080	188	Silver/Beige Fibrous Heterogeneous	40% Cellulose 10% Glass	50% Non-fibrous (Other)	None Detected
2819-B-A-47B-Insulation 322016035-0080A	188	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
2819-B-A-47C-Wrap 322016035-0081	188	White/Silver Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2819-B-A-47C-Insulation 322016035-0081A	188	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-B-A-48A-Wrap 322016035-0082	189	Beige Non-Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected
2819-B-A-48A-Insulation 322016035-0082A	189	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-B-A-48B-Wrap 322016035-0083	189	Beige Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected
2819-B-A-48B-Insulation 322016035-0083A	189	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
2819-B-A-48C-Wrap 322016035-0084	189	White/Silver Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2819-B-A-48C-Insulation 322016035-0084A	189	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
2819-B-A-49A-Vinyl Wrap 322016035-0085	190	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-49A-Insulation	190	White Fibrous Homogeneous	95% Min. Wool	5% Non-fibrous (Other)	None Detected
322016035-0085A					
2819-B-A-49B-Vinyl Wrap	190	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0086					
2819-B-A-49B-Insulation	190	White Fibrous Homogeneous	95% Min. Wool	5% Non-fibrous (Other)	None Detected
322016035-0086A					
2819-B-A-49C-Vinyl Wrap	190	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0087					
2819-B-A-49C-Insulation	190	White/Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
322016035-0087A					
2819-B-A-50A-Ceramic Tile	191	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0088					
2819-B-A-50A-Thinset	191	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0088A					
2819-B-A-50A-Mortar Like	191	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0088B					
2819-B-A-50A-Texture Like	191	Beige Non-Fibrous Homogeneous	3% Wollastonite	97% Non-fibrous (Other)	None Detected
322016035-0088C					
2819-B-A-50B-Ceramic Tile	191	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0089					
2819-B-A-50B-Thinset	191	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0089A					
2819-B-A-50B-Mortar Like	191	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0089B					
2819-B-A-50B-Grout	191	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0089C					
2819-B-A-50B-Mastic	191	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
322016035-0089D					
2819-B-A-50B-Texture Like	191	Beige Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
322016035-0089E					

Initial report from: 09/08/2020 08:02:50



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LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A-50C-Ceramic Tile	191	Green/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0090</i>					
2819-B-A-50C-Thinset	191	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0090A</i>					
2819-B-A-50C-Mortar Like	191	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0090B</i>					
2819-B-A-50C-Grout	191	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016035-0090C</i>					

Analyst(s)

Julie Vong (51)

Kieu-anh Pham Duong (106)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/08/2020 08:02:50



Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

#322016035

LATesting

520 Mission Street

South Pasadena, CA 91030

PHONE: 1-800-303-0047

FAX: (323) 254-9982

Company Name : Myounghee Noh & Associates, LLC		EMSL Customer ID:	
Street: 99-1046 Iwaena Street Suite 210A		City: Aiea	State/Province: HI
Zip/Postal Code: 96701	Country: US	Telephone #: 808-484-9214	Fax #:
Report To (Name): Kealohilani Serrao		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: kealohi@noh-associates.com		Purchase Order:	
Project Name/Number: 2819_2 AQS - Team B		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: HI		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

EMSL-Bill to: Same Different - If Bill to is Different note instructions in Comments**
 Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part <input type="checkbox"/> 763 NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	Soil/Rock/Vermiculite <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only)
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input checked="" type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm

Samplers Name: Kealohilani Serrao Samplers Signature: *[Handwritten Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-B-A3A	Please see field forms.	Bulk	08/27/20 12:00
2819-B-A3B	↓	↓	↓
2819-B-A3C	↓	↓	↓
↓	↓	↓	↓

Client Sample # (s): 2819-B-A3A -- 2819-B-A5C - 2819-B-A26A -- 2819-B-A52C Total # of Samples: 90

Relinquished (Client): *Kealohilani Serrao* Date: *8/29/20* Time: *12pm*

Received (Lab): *J. Totten* Date: *9/2/20* Time: *9:30 AM*

Comments/Special Instructions: *(FE-t)*

#322016035

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: TBKS Survey Dates and Times: 8/8 9am

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
3	W2	1	Wash 4	Walls	brown	P	CC black	GFP	Y N TSI S M	500	
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A	3	A	Wash 4	Wall							
2819-B-A	3	B									
2819-B-A	3	C									
Sample ID Room Sampled Sample Location PIC ID Notes											
4	W2	1	Wash 4	walls	w	P	CC black	GFP	Y N TSI S M	600	
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A	4	A	WASH 4	Wall							
2819-B-A	4	B									
2819-B-A	4	C									
Sample ID Room Sampled Sample Location PIC ID Notes											
			Wash 4	divisor	white	P	W	GFP	Y N TSI S M		
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A	A										
2819-B-A	B										
2819-B-A	C										

Page 1 of 2

#322016035

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
5	W2	ext	Wdshy	wall	W	P	CC	GFP	Y N TSI S M	300	
Sample ID											
Room Sampled											
Sample Location											
PIC ID											
Notes											
2819-B-A	5	A	W5H4	Wall		0455					
2819-B-A	5	B									
2819-B-A	5	C									
Sample ID											
Room Sampled											
Sample Location											
PIC ID											
Notes											
2819-B-A		A									
2819-B-A		B									
2819-B-A		C									
Sample ID											
Room Sampled											
Sample Location											
PIC ID											
Notes											
2819-B-A		A									
2819-B-A		B									
2819-B-A		C									
Sample ID											
Room Sampled											
Sample Location											
PIC ID											
Notes											
2819-B-A		A									
2819-B-A		B									
2819-B-A		C									

#322016035

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: DB/HS Survey Dates and Times: 8/21

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

HM ID	Building	Ftr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
26	Admin	2	Ext	walls, ceilings	white	P	textured cc	G F P	Y (N) TSI S/M		
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A-26	A		ext	wall		2514					
2819-B-A-26	B										
2819-B-A-26	C										
27	Admin	1	Ext	walls	white	P	cc brick	G F P	Y (N) TSI S/M		
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A-27	A		ext	wall		2515					
2819-B-A-27	B										
2819-B-A-27	C										
28	Admin	1	Ext	ceilings	silver	TST	M	G F P	Y (N) TSI S/M		
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A-28	A		ext	ceiling		2517					
2819-B-A-28	B										
2819-B-A-28	C										

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials:

Survey Dates and Times:

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type		Area Sq. ft or L. ft	Hatch Color
									Y/N	S/M		
29	Admin	7	ext	Window Sines	black	scot	cc	G F P	Y	N		WXY
Sample ID: _____ Room Sampled: _____ Sample Location: _____ PIC ID: _____ Notes: _____												
2819-B-A	29	A	ext	Window frame		0519						
2819-B-A	29	B										
2819-B-A	29	C										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type		Area Sq. ft or L. ft	Hatch Color
30	Admin	1	ext	door frame	w	scot	cc	G F P	Y	N		
Sample ID: _____ Room Sampled: _____ Sample Location: _____ PIC ID: _____ Notes: _____												
2819-B-A	30	A	ext	door frame		0530						
2819-B-A	30	B										
2819-B-A	30	C										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type		Area Sq. ft or L. ft	Hatch Color
100	Admin	1	ext.	Window Sill	Beige	print/ skim coat	cc	G F P	Y	N		Seaforn
Sample ID: _____ Room Sampled: _____ Sample Location: _____ PIC ID: _____ Notes: _____												
2819-B-A	31	A	ext	Window Sill		2523						
2819-B-A	31	B										
2819-B-A	31	C										

#322016035

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: TJKS

Survey Dates and Times: 8/25 10:00pm

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
158	Admin	1	Dispensary, Vet 2, Vet 1 Office 3, Office 1 Office 2, Sr 2, Sr 7 Office 4, Sr 4, Office 5	ceiling	W	2'x4'	N/A	GFP	Y (N) TSI S (M)		
2819-B-A-32-A	2819-B-A-32-A	A	Kitchen	ceiling							
2819-B-A-32-B	2819-B-A-32-B	B	Storage 6								
2819-B-A-32-C	2819-B-A-32-C	C	Womens Locker Room			2549					
159	Admin	1	Dispensary, Vet 2, Sr 3 Vet 1, Office 3, Office 1 Office 2, Sr 2, Sr 7 Break Rm	wall	W	N/A	N/A	GFP	Y (N) TSI S (M)		
2819-B-A-33-A	2819-B-A-33-A	A	Break Rm	Wall							
2819-B-A-33-B	2819-B-A-33-B	B		Wall							
2819-B-A-33-C	2819-B-A-33-C	C	Break Rm	Ceiling		2550					
160	Admin	1	Dispensary, Vet 2, Sr 3 Vet 1, Office 3, Office 1 Office 2, Office 4 Break Rm, Kitchen, Office 5, mens RP, women Rm	wall	W	P	CC black	GFP	Y (N) TSI S (M)		
2819-B-A-34-A	2819-B-A-34-A	A	Kitchen	Wall							
2819-B-A-34-B	2819-B-A-34-B	B	Boiler Room								
2819-B-A-34-C	2819-B-A-34-C	C	Hallway			2551					

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials:

Survey Dates and Times:

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
101	Admin	P	Plenum	Ceilings	Silver	TST	M	GFP	Y (N) TSI S/M		
Sample ID Room Sampled Sample Location PIC ID Notes 2819-B-A 35 A Plenum Ceiling 2819-B-A 35 B Plenum Ceiling 2819-B-A 35 C Plenum Ceiling											
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
102	Admin	I	Dispensary, Vet 2, Str 3 Vet 1, Office 3, Office 2 Str 2, Str 1, Office Storage, Break Room, Str 5 offices,	wall	Gray	Calcium	W	GFP	Y (N) TSI S/M		
Sample ID Room Sampled Sample Location PIC ID Notes 2819-B-A 36 A Break room Wall 2819-B-A 36 B Storage 2819-B-A 36 C Office 3											
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
103	Admin	I	Dispensary	Floor	Tan	lenolium	CC	GFP	Y (N) TSI S/M		
Sample ID Room Sampled Sample Location PIC ID Notes 2819-B-A 37 A Dispensary Floor 2819-B-A 37 B 2819-B-A 37 C											

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM		Area Sq. ft or L. ft	Hatch Color
									Type	TSI S/M		
164	Admin	1	Office 2, Office 3, Office 1, Office 2, Sr. Admin Office 4, Sr. Admin Rm	Floor	brise	18" x 18"	CL	GFP	Y	N		
Sample ID												
Room Sampled												
Sample Location												
PIC ID												
Notes												
2819-B-A	38	A	Storage 6	Floor								
2819-B-A	38	B	Storage 6	Floor								
2819-B-A	38	C	Storage 6	Floor		2557						
Sample ID												
Room Sampled												
Sample Location												
PIC ID												
Notes												
165	Admin	1	Storage 4	wall	brise	Bar	n/a	GFP	Y	N		
Sample ID												
Room Sampled												
Sample Location												
PIC ID												
Notes												
2819-B-A	39	A	Storage 4	wall								
2819-B-A	39	B	Storage 4	wall		2562						
2819-B-A	39	C	Storage 4	wall								
Sample ID												
Room Sampled												
Sample Location												
PIC ID												
Notes												
166	Admin	2	Office 1, Office 2	ceilings	w	2' x 4'	n/a	GFP	Y	N		
Sample ID												
Room Sampled												
Sample Location												
PIC ID												
Notes												
2819-B-A	40	A	Office 1	ceiling		2563						
2819-B-A	40	B	Office 1									
2819-B-A	40	C	Office 2									

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM		Area Sq. ft or L. ft	Hatch Color
									Type	TSI S M		
108	Admin	2	Office 1, Office 2	wall	w	DW	n/k	GFP	Y (N)	(M)		
Sample ID Room Sampled Sample Location PIC ID Notes												
2819-B-A	41	A	Office 1	wall								
2819-B-A	41	B	Office 1	wall								
2819-B-A	41	C	Office 1	wall								
Sample ID Building Flr. Rooms Locations Material Color Material Substrate Condition Friable ACM Type TSI S M Area Sq. ft or L. ft Hatch Color												
1108	Admin	2	Office 1, Office 2	wall	w	P	cc block	GFP	Y (N)	(M)		
Sample ID Room Sampled Sample Location PIC ID Notes												
2819-B-A	42	A	Office 1	wall								
2819-B-A	42	B	Office 1									
2819-B-A	42	C	Office 2									
Sample ID Building Flr. Rooms Locations Material Color Material Substrate Condition Friable ACM Type TSI S M Area Sq. ft or L. ft Hatch Color												
109	Admin	2	Office 1, Office 2	wall	gray	concrete	cc	GFP	Y (N)	(M)		
Sample ID Room Sampled Sample Location PIC ID Notes												
2819-B-A	43	A	Office 2	wall								
2819-B-A	43	B	Office 2									
2819-B-A	43	C	Office 1									

#322016035

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type		Area Sq. ft or L. ft	Hatch Color			
									Y/N	S/M					
2819-B-A 44 A	2819-B-A 44	A	Office 2	Floor		2567	CC	G F P	Y	N					
2819-B-A 44 B		B	Office 2												
2819-B-A 44 C		C	Office 1												
2819-B-A 51 A	2819-B-A 51	A	Stairs	Floor		2571	CC	G F P	Y	N					
2819-B-A 51 B		B	Stairs												
2819-B-A 51 C		C													
196 Admin	196 Admin	1	Ext.	Roof	White	Coating	Metal	G F P	Y	N					
2819-B-A 52 A	2819-B-A 52	A	Ext.	Roof		PIC ID									
2819-B-A 52 B		B													
2819-B-A 52 C		C													

#322016035

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: Survey Dates and Times:

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
186	Admin	1	Kitchen, Sr 5, Hallway Boiler Rm, Women Lab Rm, Men's RR, Women's RR,	wall	W	Textured Paint	plaster CC	GFP	Y (N) TSI S/M		Blue
Sample ID											
Room Sampled											
Sample Location											
PIC ID											
Notes											
2819-B-A	45	A	Kitchen	Wall							
2819-B-A	45	B	Men's RR	Wall		0572					
2819-B-A	45	C	Men's RR	Wall							
HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
187	Admin	1	Sr 5, Hallway, Boiler Rm Women Lab Rm, Women's RR,	4" Pipe	W	TSI	M	GFP	Y (N) TSI S/M		Orange
Sample ID											
Room Sampled											
Sample Location											
PIC ID											
Notes											
2819-B-A	46	A	Boiler Room	4" pipe		0573					
2819-B-A	46	B									
2819-B-A	46	C									
HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
188	Admin	1	Boiler Rm, Women's RR,	4" Pipe Elbow	W	TSI	M	GFP	Y (N) TSI S/M		Red
Sample ID											
Room Sampled											
Sample Location											
PIC ID											
Notes											
2819-B-A	47	A	Boiler Room	4" Elbow		0574					
2819-B-A	47	B									
2819-B-A	47	C									

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Ftr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
189	Admin	1	Boiler Rm	6" Pipe	W	TST	M	CFP	Y(N) TSI SM		
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A	48	A	Boiler Room	6" pipe							
2819-B-A	48	B									
2819-B-A	48	C									
HM ID	Building	Ftr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
190	Admin	1	Boiler Rm	6" Pipe Elbow	W	TST	M	CFP	Y(N) TSI SM		X
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A	49	A	Boiler Room	6" pipe Elbow							
2819-B-A	49	B									
2819-B-A	49	C									
HM ID	Building	Ftr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
191	Admin	1	Women's Locker Rm Men's Locker Rm Women's ER Men's ER	Walls, floor	W	groat	8"x8" ceramic tile	CFP	Y(N) TSI SM		
Sample ID Room Sampled Sample Location PIC ID Notes											
2819-B-A	50	A	Men's Locker Rm.	Floor							
2819-B-A	50	B	Men's Locker Rm.	wall							
2819-B-A	50	C	Women's Locker Rm.	wall							

WOMEN'S

#322016035

ORIGIN ID: NAXA (808) 484-9214
CONTACT NAME: MYOUNGHEE NOH & ASSOCIATES, LLC
99-1046 IWAENA STREET SUITE 210A

SHIP DATE: 31AUG20
ACTWGT: 1.00 LB
CAD: 102509583WVSX12500

AEA, HI 96701
UNITED STATES US

TO **SAMPLE RECEIVING**
LA TESTING
520 MISSION STREET



56BJ3J3044/B766

SOUTH PASADENA CA 91030

(323) 254-9960 REF ARL-WEB(A) RMA 32MYOU50
PO INV DEPT



RMA:



J20Z007140116

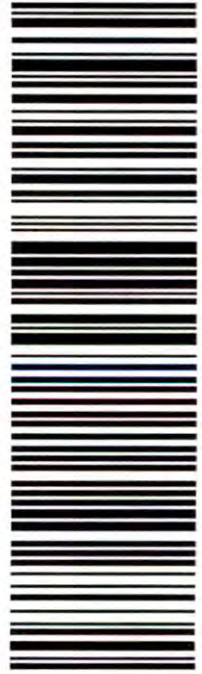
RETURNS MON-FRI

TRK# 0221 **7959 2362 6755**

**** 2DAY ****

91030

CA-US





LA Testing

520 Mission Street South Pasadena, CA 91030

Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order: 322016558

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
Myounghee Noh & Associates, LLC
99-1046 Iwaena Street
Suite 210A
Aiea, HI 96701

Phone: (808) 484-9214

Fax:

Received: 09/09/2020 12:48 PM

Analysis Date: 09/16/2020

Collected: 08/27/2020

Project: Ref Order #: 322016035 | 2819_2 AQS-Team B

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A3A-Comp Textured Paint/Skim Coat 322016558-0001	3	Various Non-Fibrous Heterogeneous		99.90% Non-fibrous (Other)	0.1% Chrysotile
2819-B-A3B-Comp Textured Paint/Skim Coat 322016558-0002	3	Brown/Tan/Beige Non-Fibrous Heterogeneous		99.90% Non-fibrous (Other)	0.1% Chrysotile
2819-B-A3C-Comp Textured Paint/Skim Coat 322016558-0003	3	Brown/Tan/Beige Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-B-A4A-Comp Textured Paint/Skim Coat 322016558-0004	4	Blue/Pink/Beige Non-Fibrous Heterogeneous		99.80% Non-fibrous (Other)	0.2% Chrysotile
2819-B-A4B-Comp Textured Paint/Skim Coat 322016558-0005	4	Blue/Pink/Beige Non-Fibrous Heterogeneous		99.90% Non-fibrous (Other)	0.1% Chrysotile
2819-B-A4C-Comp Textured Paint/Skim Coat 322016558-0006	4	Blue/Pink/Beige Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-B-A5A-Comp Textured Paint/Skim Coat 322016558-0007	5	Gray/Pink/Beige Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-B-A5B-Comp Textured Paint/Skim Coat 322016558-0008	5	Gray/Pink/Beige Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/16/2020 12:07:47



LA Testing

520 Mission Street South Pasadena, CA 91030

Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order: 322016558

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
Myounghee Noh & Associates, LLC
99-1046 Iwaena Street
Suite 210A
Aiea, HI 96701

Phone: (808) 484-9214

Fax:

Received: 09/09/2020 12:48 PM

Analysis Date: 09/16/2020

Collected: 08/27/2020

Project: Ref Order #: 322016035 | 2819_2 AQS-Team B

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A5C-Comp	5	Blue/Pink/Beige		99.90% Non-fibrous (Other)	0.1% Chrysotile
	Textured Paint/Skim	Non-Fibrous			
	Coat	Heterogeneous			
322016558-0009					

Analyst(s)

Joel Paruli (9)

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/16/2020 12:07:47

Palacios, Rafael

From: Cavadini, Randy
Sent: Wednesday, September 09, 2020 1:25 PM
To: LA Testing Lab - Pasadena
Subject: FW: Point Count Request
Attachments: 322016121_002.pdf; 322016035_001.pdf

Hello Pas lab,

See point count requests below from Myounghee Noh. Let me know if there are any issues. Thanks!



Randy Cavadini | Regional Sales Account Manager

EMSL Analytical, Inc. | 3356 West Catalina Dr. | Phoenix, AZ 85017

Phone: 602-652-2073 Cell: 213-393-8207 | Fax: 602-276-4053 | Toll Free: 866-798-1089

COVID-19 Update: *EMSL Analytical, Inc. remains open as an essential business. To view real-time status updates for each of our 45 laboratories in the US and Canada, download EMSL's free smart device application via the [iTunes App Store - Apple](#) or [Google Play](#). APP updates are posted under Support / Lab Hours.*

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From: Kristin Cabanila [mailto:kristin@noh-associates.com]
Sent: Wednesday, September 9, 2020 12:48
To: Cavadini, Randy <rjcavadini@EMSL.com>
Cc: Jennah Oshiro <jennah@noh-associates.com>; Kealohi Serrao <Kealohi@noh-associates.com>
Subject: Point Count Request

[EXTERNAL E-MAIL]

Aloha,

Can I get 1000-point count analysis conducted on the following samples, using a 5-day TAT:

Report 322016035_001

2819-B-A3A, B, C

2819-B-A4A, B, C

2819-B-A5A, B, C

Report 322016121_002

2819-A-A22A, B, C

#322016558

2819-A-A23A, B, C
2819-A-A24A, B, C (Skim coat layers only)

Reports are attached for reference. Samples for point count analysis are highlighted.

Please let me know if you have any questions, comments, or concerns.

Thank you,

Our business is essential to public safety, and we continue our best efforts to provide you with uninterrupted services. We wish you and your loved ones safety and good health.

Kristin Cabanila
Office Manager
Hilo: (808) 769-4221
Cell: (808) 937-8422

Myounghee Noh & Associates, L.L.C.
Environmental Studies & Consulting Services
99-1046 Iwaena Street, Suite 210A, Aiea, HI 96701; Tel 808-484-9214
16-643 Kipimana Street, Suite 12, Keaau, HI 96749 • +1 808-769-4221
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LA Testing

#322016558

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http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322016035

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
 Myounghee Noh & Associates, LLC
 99-1046 Iwaena Street
 Suite 210A
 Aiea, HI 96701
Project: 2819_2 AQS-Team B

Phone: (808) 484-9214
Fax:
Received Date: 09/02/2020 9:30 AM
Analysis Date: 09/03/2020 - 09/08/2020
Collected Date: 08/27/2020

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
2819-B-A3A-Comp Texture Paint/Skim Coat 322016035-0001 Unable to separate	3	Brown/Various/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A3B-Comp Texture Paint/Skim Coat 322016035-0002 Unable to separate	3	Brown/Tan/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A3C-Comp Texture Paint/Skim Coat 322016035-0003 Unable to separate	3	Brown/Tan/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A4A-Comp Texture Paint/Skim Coat 322016035-0004 Unable to separate	4	Blue/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A4B-Comp Texture Paint/Skim Coat 322016035-0005 Unable to separate	4	Blue/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A4C-Comp Texture Paint/Skim Coat 322016035-0006 Unable to separate	4	Blue/Pink/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A5A-Comp Texture Paint/Skim Coat 322016035-0007 Unable to separate	5	Gray/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A5B-Comp Texture Paint/Skim Coat 322016035-0008 Unable to separate	5	Gray/Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A5C-Comp Texture Paint/Skim Coat 322016035-0009 Unable to separate	5	Blue/Pink/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
2819-B-A-26A-Texture Paint 322016035-0010	26	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/08/2020 08:02:50



LA Testing

520 Mission Street South Pasadena, CA 91030

Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order: 322016562

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
Myounghee Noh & Associates, LLC
99-1046 Iwaena Street
Suite 210A
Aiea, HI 96701

Phone: (808) 484-9214

Fax:

Received: 09/09/2020 1:25 PM

Analysis Date: 09/16/2020

Collected: 08/27/2020

Project: Ref Order #: 322016121 | 2819_2 Animal Quarantine Station

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-B-A22A-Comp osite 322016562-0001	154	Gray/Beige Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-B-A22B-Comp osite 322016562-0002	154	Gray/Tan Non-Fibrous Homogeneous		99.90% Non-fibrous (Other)	0.1% Chrysotile
2819-B-A22C-Skim 322016562-0003	154	Red/Yellow Non-Fibrous Heterogeneous		99.90% Non-fibrous (Other)	0.1% Chrysotile
2819-B-A23A 322016562-0004	155	Gray/White/Red Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-A-A23B 322016562-0005	155	Gray/White/Red Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-A-A23C-Skim 322016562-0006	155	White/Red Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-A-A24A-Skim 322016562-0007	156	Gray/Red/Green Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile
2819-A-A24B-Skim 322016562-0008	156	Gray/Red/Green Non-Fibrous Homogeneous		99.90% Non-fibrous (Other)	0.1% Chrysotile
2819-A-A24C-Skim 322016562-0009	156	Red/Green Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<0.1% Chrysotile

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/16/2020 11:35:02



LA Testing

520 Mission Street South Pasadena, CA 91030

Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@lateesting.com

LA Testing Order: 322016562

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
Myounghee Noh & Associates, LLC
99-1046 Iwaena Street
Suite 210A
Aiea, HI 96701

Phone: (808) 484-9214

Fax:

Received: 09/09/2020 1:25 PM

Analysis Date: 09/16/2020

Collected: 08/27/2020

Project: Ref Order #: 322016121 | 2819_2 Animal Quarantine Station

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type

Analyst(s)

Joel Paruli (9)

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/16/2020 11:35:02

Palacios, Rafael

From: Cavadini, Randy
Sent: Wednesday, September 09, 2020 1:25 PM
To: LA Testing Lab - Pasadena
Subject: FW: Point Count Request
Attachments: 322016121_002.pdf; 322016035_001.pdf

Hello Pas lab,

See point count requests below from Myounghee Noh. Let me know if there are any issues. Thanks!



Randy Cavadini | *Regional Sales Account Manager*

EMSL Analytical, Inc. | 3356 West Catalina Dr. | Phoenix, AZ 85017

Phone: 602-652-2073 Cell: 213-393-8207 | Fax: 602-276-4053 | Toll Free: 866-798-1089

COVID-19 Update: *EMSL Analytical, Inc. remains open as an essential business. To view real-time status updates for each of our 45 laboratories in the US and Canada, download EMSL's free smart device application via the [iTunes App Store - Apple](#) or [Google Play](#). APP updates are posted under Support / Lab Hours.*

Some of the resources EMSL Analytical, Inc. offers to our clients:

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From: Kristin Cabanila [mailto:kristin@noh-associates.com]
Sent: Wednesday, September 9, 2020 12:48
To: Cavadini, Randy <rjcavadini@EMSL.com>
Cc: Jennah Oshiro <jennah@noh-associates.com>; Kealohi Serrao <Kealohi@noh-associates.com>
Subject: Point Count Request

[EXTERNAL E-MAIL]

Aloha,

Can I get 1000-point count analysis conducted on the following samples, using a 5-day TAT:

Report 322016035_001
2819-B-A3A, B, C
2819-B-A4A, B, C
2819-B-A5A, B, C

Report 322016121_002
2819-A-A22A, B, C

#322016562

2819-A-A23A, B, C
2819-A-A24A, B, C (Skim coat layers only)

Reports are attached for reference. Samples for point count analysis are highlighted.

Please let me know if you have any questions, comments, or concerns.

Thank you,

Our business is essential to public safety, and we continue our best efforts to provide you with uninterrupted services. We wish you and your loved ones safety and good health.

Kristin Cabanila
Office Manager
Hilo: (808) 769-4221
Cell: (808) 937-8422

Myounghee Noh & Associates, L.L.C.
Environmental Studies & Consulting Services
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16-643 Kipimana Street, Suite 12, Keaau, HI 96749 • +1 808-769-4221
215 Rojas Street, Suite 100, Ixora Industrial Park, Harmon, Guam 96913
www.noh-associates.com

#322016562



LA Testing

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Tel/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 322016121
 Customer ID: 32MYOU50
 Customer PO:
 Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
<i>Unable to separate.</i>					
2819-A-A20C	147	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0060</i>					
2819-A-A21A	148	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0061</i>					
2819-A-A21B	148	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0062</i>					
2819-A-A21C	148	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0063</i>					
2819-A-A22A-Composite	154	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0064</i>					
<i>Unable to separate.</i>					
2819-A-A22B-Composite	154	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0065</i>					
<i>Unable to separate.</i>					
2819-A-A22C-Skim Coat/Plaster	154	Red/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0066</i>					
<i>Unable to separate</i>					
2819-A-A23A	155	Gray/White/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0067</i>					
2819-A-A23B	155	Gray/White/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0068</i>					
2819-A-A23C-Skim Coat/Plaster	155	White/Red Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0069</i>					
<i>Unable to separate</i>					
2819-A-A24A-Skim Coat	156	Gray/Red/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0070</i>					
2819-A-A24A-Window Putty	156	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0070A</i>					
2819-A-A24B-Skim Coat	156	Gray/Red/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0071</i>					
2819-A-A24B-Window Putty	156	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0071A</i>					
2819-A-A24C-Skim Coat	156	Red/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0072</i>					

Initial report from: 09/08/2020 09:11:19



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LA Testing Order: 322016121

Customer ID: 32MYOU50

Customer PO:

Project ID:

Attention: Kealohilani Serrao
Myounghee Noh & Associates, LLC
99-1046 Iwaena Street
Suite 210A
Aiea, HI 96701

Phone: (808) 484-9214

Fax:

Received Date: 09/02/2020 9:30 AM

Analysis Date: 09/04/2020 - 09/08/2020

Collected Date: 08/28/2020

Project: 2819_2 Animal Quarantine Station

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A1A 322016121-0001	104	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A1B 322016121-0002	104	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A1C 322016121-0003	104	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A2A 322016121-0004	105	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A2B 322016121-0005	105	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A2C 322016121-0006	105	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A3A 322016121-0007	109	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A3B 322016121-0008	109	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A3C 322016121-0009	109	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A4A 322016121-0010	113	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A4B 322016121-0011	113	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A4C 322016121-0012	113	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A5A 322016121-0013	114	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-A-A5B 322016121-0014	114	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-A-A5C-Shingle 322016121-0015	114	Brown/Black Fibrous Heterogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
2819-A-A5C-Tar 322016121-0015A	114	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016121

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A6A 322016121-0016	119	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A6B 322016121-0017	119	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A6C 322016121-0018	119	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A7A 322016121-0019	122	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A7B 322016121-0020	122	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A7C 322016121-0021	122	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A8A 322016121-0022	127	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A8B 322016121-0023	127	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A8C-Cementitious 1 322016121-0024	127	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A8C-Cementitious 2 322016121-0024A	127	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A9A-Drywall 322016121-0025	132	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-A-A9A-Joint Compound 322016121-0025A	132	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A9B-Drywall 322016121-0026	132	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-A-A9B-Joint Compound 322016121-0026A	132	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A9C-Drywall 322016121-0027	132	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2819-A-A9C-Joint Compound 322016121-0027A	132	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A10A-VFT 322016121-0028	133	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016121

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A10A-Mastic <small>322016121-0028A</small>	133	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A10B-VFT <small>322016121-0029</small>	133	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A10B-Mastic <small>322016121-0029A</small>	133	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A10C-VFT <small>322016121-0030</small>	133	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A10C-Mastic <small>322016121-0030A</small>	133	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A11A-Cove Base <small>322016121-0031</small>	134	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A11A-Mastic <small>322016121-0031A</small>	134	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A11B-Cove Base <small>322016121-0032</small>	134	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A11B-Mastic <small>322016121-0032A</small>	134	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A11C-Cove Base <small>322016121-0033</small>	134	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A11C-Mastic <small>322016121-0033A</small>	134	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A12A <small>322016121-0034</small>	135	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-A-A12B <small>322016121-0035</small>	135	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-A-A12C <small>322016121-0036</small>	135	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
2819-A-A13A-Ceramic Tile <small>322016121-0037</small>	136	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13A-Grout <small>322016121-0037A</small>	136	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13A-Adhesive <small>322016121-0037B</small>	136	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016121

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A13A-Joint Compound <small>322016121-0037C</small>	136	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13B-Ceramic Tile <small>322016121-0038</small>	136	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13B-Grout <small>322016121-0038A</small>	136	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13B-Adhesive <small>322016121-0038B</small>	136	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13B-Joint Compound <small>322016121-0038C</small>	136	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13C-Ceramic Tile <small>322016121-0039</small>	136	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13C-Grout <small>322016121-0039A</small>	136	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13C-Adhesive <small>322016121-0039B</small>	136	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A13C-Joint Compound <small>322016121-0039C</small>	136	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A14A <small>322016121-0040</small>	137	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A14B-Caulking <small>322016121-0041</small>	137	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A14B-Joint Compound <small>322016121-0041A</small>	137	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A14C-Caulking <small>322016121-0042</small>	137	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A14C-Joint Compound <small>322016121-0042A</small>	137	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A15A <small>322016121-0043</small>	138	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A15B <small>322016121-0044</small>	138	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A15C <small>322016121-0045</small>	138	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016121

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A16A <small>322016121-0046</small>	139	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2819-A-A16B <small>322016121-0047</small>	139	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2819-A-A16C-Shingle <small>322016121-0048</small>	139	Black Fibrous Heterogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
2819-A-A16C-Tar <small>322016121-0048A</small>	139	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A17A <small>322016121-0049</small>	140	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A17B <small>322016121-0050</small>	140	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A17C <small>322016121-0051</small>	140	Gray/Beige Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
2819-A-A18A <small>322016121-0052</small>	142	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A18B <small>322016121-0053</small>	142	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A18C <small>322016121-0054</small>	142	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A19A-Plaster <small>322016121-0055</small>	146	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A19A-Skim Coat <small>322016121-0055A</small>	146	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A19B-Plaster <small>322016121-0056</small>	146	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A19B-Skim Coat <small>322016121-0056A</small>	146	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A19C-Skim Coat/ Plaster <small>322016121-0057</small> <i>Unable to separate</i>	146	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A20A-Composit e <small>322016121-0058</small> <i>Unable to separate.</i>	147	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A20B-Composit e <small>322016121-0059</small>	147	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322016121

Customer ID: 32MYOU50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
<i>Unable to separate.</i>					
2819-A-A20C	147	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0060</i>					
2819-A-A21A	148	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0061</i>					
2819-A-A21B	148	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0062</i>					
2819-A-A21C	148	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0063</i>					
2819-A-A22A-Composite	154	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0064</i>					
<i>Unable to separate.</i>					
2819-A-A22B-Composite	154	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0065</i>					
<i>Unable to separate.</i>					
2819-A-A22C-Skim Coat/Plaster	154	Red/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0066</i>					
<i>Unable to separate</i>					
2819-A-A23A	155	Gray/White/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0067</i>					
2819-A-A23B	155	Gray/White/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0068</i>					
2819-A-A23C-Skim Coat/Plaster	155	White/Red Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0069</i>					
<i>Unable to separate</i>					
2819-A-A24A-Skim Coat	156	Gray/Red/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0070</i>					
2819-A-A24A-Window Putty	156	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0070A</i>					
2819-A-A24B-Skim Coat	156	Gray/Red/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0071</i>					
2819-A-A24B-Window Putty	156	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0071A</i>					
2819-A-A24C-Skim Coat	156	Red/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>322016121-0072</i>					

Initial report from: 09/08/2020 09:11:19



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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A24C-Window Putty	156	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0072A</i>					
2819-A-A25A	157	Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
<i>322016121-0073</i>					
2819-A-A25B	157	Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
<i>322016121-0074</i>					
2819-A-A25C	157	Black Non-Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
<i>322016121-0075</i>					
2819-A-A26A-Skim Coat/Plaster	210	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0076 Unable to separate</i>					
2819-A-A26B-Skim Coat/Plaster	210	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0077 Unable to separate</i>					
2819-A-A26C	210	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0078</i>					
2819-A-A27A	211	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0079</i>					
2819-A-A27B	211	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0080</i>					
2819-A-A27C	211	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0081</i>					
2819-A-A28A	212	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0082</i>					
2819-A-A28B	212	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0083</i>					
2819-A-A28C	212	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0084</i>					
2819-A-A29A-Skim Coat/Plaster	213	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0085 Unable to separate</i>					
2819-A-A29B-Skim Coat/Plaster	213	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0086 Unable to separate</i>					
2819-A-A29C-Skim Coat/Plaster	213	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0087</i>					

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
<i>unable to separate</i>					
2819-A-A30A-Wrap	214	Black/Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0088</i>					
2819-A-A30A-Insulation	214	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
<i>322016121-0088A</i>					
2819-A-A30B-Wrap	214	Black/Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0089</i>					
2819-A-A30B-Insulation	214	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
<i>322016121-0089A</i>					
2819-A-A30C-Wrap	214	Black/Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0090</i>					
2819-A-A30C-Insulation	214	Yellow Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
<i>322016121-0090A</i>					
2819-A-A31A-Caulking 1	215	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0091</i>					
2819-A-A31A-Caulking 2	215	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0091A</i>					
2819-A-A31B-Caulking 1	215	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0092</i>					
2819-A-A31B-Caulking 2	215	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0092A</i>					
2819-A-A31C-Caulking 1	215	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0093</i>					
2819-A-A31C-Caulking 2	215	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0093A</i>					
2819-A-A32A-Skim Coat/Plaster	235	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0094</i>					
<i>Unable to separate</i>					
2819-A-A32B-Skim Coat/Plaster	235	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0095</i>					
<i>Unable to separate</i>					
2819-A-A32C-Skim Coat/Plaster	235	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0096</i>					
<i>Unable to Separate</i>					

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A33A-Ceramic Tile <small>322016121-0097</small>	236	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A33A-Grout <small>322016121-0097A</small>	236	Gray Non-Fibrous Homogeneous		5% Mica 95% Non-fibrous (Other)	None Detected
2819-A-A33B-Ceramic Tile <small>322016121-0098</small>	236	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A33B-Grout <small>322016121-0098A</small>	236	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A33C-Ceramic Tile <small>322016121-0099</small>	236	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A33C-Grout <small>322016121-0099A</small>	236	Gray Non-Fibrous Homogeneous		10% Mica 90% Non-fibrous (Other)	None Detected
2819-A-A34A-Ceramic Tile <small>322016121-0100</small>	237	Gray/White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A34A-Grout <small>322016121-0100A</small>	237	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A34B-Ceramic Tile <small>322016121-0101</small>	237	Gray/White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A34B-Grout <small>322016121-0101A</small>	237	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A34C-Ceramic Tile <small>322016121-0102</small>	237	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A34C-Grout <small>322016121-0102A</small>	237	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A35A <small>322016121-0103</small>	238	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A35B <small>322016121-0104</small>	238	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A35C <small>322016121-0105</small>	238	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A36A-Skim Coat/Plaster <small>322016121-0106</small> <i>Unable to separate</i>	239	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A36B-Skim Coat/Plaster	239	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0107 Unable to separate</i>					
2819-A-A36C-Skim Coat/Plaster	239	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0108 unable to separate</i>					
2819-A-A37A-Skim Coat/Plaster	240	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0109 Unable to separate</i>					
2819-A-A37B-Skim Coat/Plaster	240	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0110 Unable to separate</i>					
2819-A-A37C-Skim Coat/Plaster	240	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0111 unable to separate</i>					
2819-A-A38A	241	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
<i>322016121-0112</i>					
2819-A-A38B	241	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
<i>322016121-0113</i>					
2819-A-A38C-Joint Compound	241	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0114 No Drywall present for analysis</i>					
2819-A-A39A-Texture	242	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0115</i>					
2819-A-A39A-Skim Coat/Plaster	242	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0115A Unable to separate</i>					
2819-A-A39B-Texture	242	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0116</i>					
2819-A-A39B-Skim Coat/Plaster	242	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0116A</i>					
2819-A-A39C-Texture	242	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0117</i>					
2819-A-A39C-Skim Coat/Plaster	242	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>322016121-0117A Unable to separate</i>					

Initial report from: 09/08/2020 09:11:19



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			% Fibrous	% Non-Fibrous	% Type
2819-A-A40A 322016121-0118	243	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
2819-A-A40B 322016121-0119	243	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
2819-A-A40C 322016121-0120	243	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
2819-A-A41A-Wrap 322016121-0121	244	Brown/Silver Fibrous Homogeneous	45% Cellulose 5% Glass	50% Non-fibrous (Other)	None Detected
2819-A-A41A-Insulation 322016121-0121A	244	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-A-A41B-Wrap 322016121-0122	244	White Non-Fibrous Homogeneous	40% Cellulose 5% Glass	55% Non-fibrous (Other)	None Detected
2819-A-A41B-Insulation 322016121-0122A	244	Yellow Non-Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-A-A41C-Wrap 322016121-0123	244	Brown/Silver Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
2819-A-A41C-Insulation 322016121-0123A	244	Yellow Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
2819-A-A42A-Wrap 322016121-0124	245	White Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-A-A42A-Insulation 322016121-0124A	245	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-A-A42B-Wrap 322016121-0125	245	White Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-A-A42B-Insulation 322016121-0125A	245	Yellow Non-Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-A-A42C-Wrap 322016121-0126	245	White Non-Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
2819-A-A42C-Insulation 322016121-0126A	245	Yellow Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
2819-A-A43A-Wrap 322016121-0127	246	Brown/Black Fibrous Homogeneous	40% Cellulose 5% Glass	55% Non-fibrous (Other)	None Detected
2819-A-A43A-Insulation 322016121-0127A	246	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
2819-A-A43B-Wrap 322016121-0128	246	Black/Beige Non-Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
2819-A-A43B-Insulation 322016121-0128A	246	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2819-A-A43C-Wrap <small>322016121-0129</small>	246	Brown/Black Fibrous Heterogeneous	8% Cellulose 10% Glass	82% Non-fibrous (Other)	None Detected
2819-A-A43C-Insulation <small>322016121-0129A</small>	246	Yellow Non-Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
2819-A-A44A-Cove Base <small>322016121-0130</small>	247	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A44A-Mastic <small>322016121-0130A</small>	247	White/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A44B-Cove Base <small>322016121-0131</small>	247	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A44B-Mastic <small>322016121-0131A</small>	247	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A44C-Cove Base <small>322016121-0132</small>	247	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2819-A-A44C-Mastic <small>322016121-0132A</small>	247	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

David Flores (64)

John Talley (61)

Nahid Motamedi (62)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/08/2020 09:11:19



Asbestos Chain of Custody

LA Testing Order Number (Lab Use Only):

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Street: 99-1046 Iwaena Street Suite 201A		City: Aiea	State/Province: HI
Zip/Postal Code: 96701	Country: HI	Telephone #: (808) 853-3152	Fax #:
Report To (Name): Kealohi Serrao		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: Kealohi@noh-associates.com		Purchase Order: 02819_2	
Project Name/Number: 2819_2 Animal Quarantine Station		Connecticut Samples: <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential	
U.S. State Samples Taken: Hawaii		EMSL Project ID (Internal Use Only):	
LA Testing-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different - If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input checked="" type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
*For TEM Air 3 hours through 6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with LA Testing's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Danny Falanug		Samplers Signature: <i>[Signature]</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A1A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
↓ -A-A1B	↓	↓	↓
↓ -A-A1C	↓	↓	↓
2819-A-A2A	↓	↓	↓
↓ -A-A2B	↓	↓	↓
↓ -A-A2C	↓	↓	↓
Client Sample # (s): 2819-A-A1A ————— 2819-A-A44C		Total # of Samples: 132	
Relinquished (Client): Danny Falanug		Date: 8/31/2020	Time: 1800
Received (Lab): <i>[Signature]</i>		Date: 9/2/20	Time: 9:30am
Comments/Special Instructions: please see field forms! positive stop analysis ALSO Copy Danny Falanug <danny@noh-associates.com>			



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

PHONE: ()
 FAX: ()

#322016121

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A3A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
-A-A3B			
-A-A3C			
-A-A4A			
-A-A4B			
-A-A4C			
-A-A5A			
-A-A5B			
-A-A5C			
-A-A6A			
-A-A6B			
-A-A6C			
-A-A7A			
-A-A7B			
↓ -A-A7C			

***Comments/Special Instructions:**



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

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#322016121

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A8A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
-A-A8B	↓	↓	
-A-A8C			
-A-A9A			
-A-A9B			
-A-A9C			
-A-A10A			
-A-A10B			
-A-A10C			
-A-A11A			
-A-A12B			
-A-A11C			
-A-A12A			
-A-A12B			
✓ -A-A12C			

*Comments/Special Instructions:



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

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#322016121

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Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A13A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
-A-A13B			
-A-A13C			
-A-A14A			
-A-A14B			
-A-A14C			
-A-A15A			
-A-A15B			
-A-A15C			
-A-A16A			
-A-A16B			
-A-A16C			
-A-A17A			
-A-A17B			
✓ -A-A17C	✓	✓	✓

*Comments/Special Instructions:



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

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#322016121

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A18A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
-A-A18B			
-A-A18C			
-A-A19A			
-A-A19B			
-A-A19C			
-A-A20A			
-A-A20B			
-A-A20C			
-A-A21A			
-A-A21B			
-A-A21C			
-A-A22A			
-A-A22B			
-A-A22C			

*Comments/Special Instructions:



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

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#322016121

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A23A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
-A-A23B	↓	↓	↓
-A-A23C			
-A-A24A			
-A-A24B			
-A-A24C			
-A-A25A			
-A-A25B			
-A-A25C			
-A-A26A			
-A-A26B			
-A-A26C			
-A-A27A			
-A-A27B			
✓ -A-A27C			

***Comments/Special Instructions:**



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

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 FAX: ()

#322016121

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A28A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
-A-A28B			
-A-A28C			
-A-A29A			
-A-A29B			
-A-A29C			
-A-A30A			
-A-A30B			
-A-A30C			
-A-A31A			
-A-A31B			
-A-A31C			
-A-A32A			
-A-A32B			
✓ -A-A32C			

*Comments/Special Instructions:



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

PHONE: ()
 FAX: ()

#322016121

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A33A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
- A-A33B			
-A-A33C			
-A-A34A			
-A-A34B			
-A-A34C			
-A-A35A			
-A-A35B			
-A-A35C			
-A-A36A			
-A-A36B			
-A-A36C			
-A-A37A			
-A-A37B			
✓ -A-A37C	✓	✓	✓

***Comments/Special Instructions:**



Asbestos Chain of Custody
LA Testing Order Number (Lab Use Only):

#322016121

PHONE: ()
 FAX: ()

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2819-A-A38A	Please see field forms. Positive stop analysis	Bulk	08/28/2020
-A-A38B	↓	↓	↓
-A-A38C			
-A-A39A			
-A-A39B			
-A-A39C			
-A-A40A			
-A-A40B			
-A-A40C			
-A-A41A			
-A-A41B			
-A-A41C			
-A-A42A			
-A-A42B			
✓ -A-A42C			

***Comments/Special Instructions:**

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/17/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area (Sq. ft or L. ft)	Hatch Color
104	K-1	1	Interior	Floor	Lt. Gray	Bare Concrete	None	G F P	Y (M) TSI S (M)	53,000	/// Purple
Notes: 1 Kennel floor equal 70 sq. ft.											
2819-A-A-1-A		A	Interior	Floor		7420					
2819-A-A-1-B		B	Interior	Floor							
2819-A-A-1-C		C	Interior	Floor							
105	K-2	1	Interior	Floor	Black	Coating	Concrete	G F P	Y (N) TSI S (M)	20	■ Black
Notes: 1 Kennel equal 10 sq. ft.											
2819-A-A-2-A		A	Interior	Floor		7422					
2819-A-A-2-B		B	Interior	Floor							
2819-A-A-2-C		C	Interior	Floor							
109	K-3	1	Interior	Floor	Lt. Gray	Bare Concrete	None	G F P	Y (M) TSI S (M)	7,800	/// Purple
Notes: 1 Kennel equal 650 sq. ft.											
2819-A-A-3-A		A	Interior	Floor		7435					
2819-A-A-3-B		B	Interior	Floor							
2819-A-A-3-C		C	Interior	Floor							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: DF Survey Dates and Times: 8/17/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
113	Electrical shed (ES)	1	Interior	Floor	Lt. gray	Bare Concrete	None	G F P	Y (S) TSI S (M)	400	Purple																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-A-A-4 A</td> <td>Interior</td> <td>Floor</td> <td>7455</td> <td></td> </tr> <tr> <td>2819-A-A-4 B</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> <tr> <td>2819-A-A-4 C</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-A-A-4 A	Interior	Floor	7455		2819-A-A-4 B	Interior	Floor			2819-A-A-4 C	Interior	Floor		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-A-A-4 A	Interior	Floor	7455																												
2819-A-A-4 B	Interior	Floor																													
2819-A-A-4 C	Interior	Floor																													
114	ES	R	Ext.	Roofing system	Black	Roofing Sheets	Wood	G F P	Y (N) TSI S (M)	480	yellow																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-A-A-5 A</td> <td>Exterior</td> <td>Roofing system</td> <td></td> <td></td> </tr> <tr> <td>2819-A-A-5 B</td> <td>Exterior</td> <td>Roofing system</td> <td>7456</td> <td></td> </tr> <tr> <td>2819-A-A-5 C</td> <td>Exterior</td> <td>Roofing system</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-A-A-5 A	Exterior	Roofing system			2819-A-A-5 B	Exterior	Roofing system	7456		2819-A-A-5 C	Exterior	Roofing system		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-A-A-5 A	Exterior	Roofing system																													
2819-A-A-5 B	Exterior	Roofing system	7456																												
2819-A-A-5 C	Exterior	Roofing system																													
119	K-4	1	Interior	Floor	Lt. gray	Paint/Skim Coat	Concrete	G F P	Y (N) TSI S (M)	7,280	Purple																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-A-A-6 A</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> <tr> <td>2819-A-A-6 B</td> <td>Interior</td> <td>Floor</td> <td>7460</td> <td></td> </tr> <tr> <td>2819-A-A-6 C</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-A-A-6 A	Interior	Floor			2819-A-A-6 B	Interior	Floor	7460		2819-A-A-6 C	Interior	Floor		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-A-A-6 A	Interior	Floor																													
2819-A-A-6 B	Interior	Floor	7460																												
2819-A-A-6 C	Interior	Floor																													

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/17/2025, 8/18/2025

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
122	K-5	1	Interior	Floor	Lt. gray	Bare Concrete	None	GFP	Y TSI S	5,760	 Vermillion																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-A-A-7 A</td> <td>Interior</td> <td>Floor</td> <td>7470</td> <td>1 Kennel equal 120 sq. ft.</td> </tr> <tr> <td>2819-A-A-7 B</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> <tr> <td>2819-A-A-7 C</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-A-A-7 A	Interior	Floor	7470	1 Kennel equal 120 sq. ft.	2819-A-A-7 B	Interior	Floor			2819-A-A-7 C	Interior	Floor		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-A-A-7 A	Interior	Floor	7470	1 Kennel equal 120 sq. ft.																											
2819-A-A-7 B	Interior	Floor																													
2819-A-A-7 C	Interior	Floor																													
127	K-6	1	Interior	Floor	Lt. gray	Bare Concrete	None	GFP	Y TSI S M	9,840	 Purple																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-A-A-8 A</td> <td>Interior</td> <td>Floor</td> <td>7482</td> <td>1 Kennel equal 120 sq. ft.</td> </tr> <tr> <td>2819-A-A-8 B</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> <tr> <td>2819-A-A-8 C</td> <td>Interior</td> <td>Floor</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-A-A-8 A	Interior	Floor	7482	1 Kennel equal 120 sq. ft.	2819-A-A-8 B	Interior	Floor			2819-A-A-8 C	Interior	Floor		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-A-A-8 A	Interior	Floor	7482	1 Kennel equal 120 sq. ft.																											
2819-A-A-8 B	Interior	Floor																													
2819-A-A-8 C	Interior	Floor																													
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
								GFP	Y N TSI S M																						
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819-A-A-A</td> <td></td> <td></td> <td></td> <td rowspan="3"></td> </tr> <tr> <td>2819-A-A-B</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2819-A-A-C</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819-A-A-A					2819-A-A-B				2819-A-A-C					
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819-A-A-A																															
2819-A-A-B																															
2819-A-A-C																															

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/19/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
132	Duplex I (D-1)	I	Rm. 1, Rm. 2, Rm. 3, Rm. 4, RR. 1, RR. 2	Ceiling, walls	white	Drywall (DW)	None	GFP	N TSI S M	3,800	White
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A	9	A	Rm. 1	wall	7499	RR. = Restroom					
2819-A-A	9	B	Rm. 1	wall							
2819-A-A	9	C	Rm. 4	wall							
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td>	Area Sq. ft or L. ft <td>Hatch Color</td>	Hatch Color
133	D-1	I	Rm. 1, Rm. 2, Rm. 3, Rm. 4, RR. 1, RR. 2	Floor	off-white w/ gray streaks	12" x 12" VFT	concrete	GFP	N TSI S M	840	Black
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A	10	A	Rm. 3	floor	7500						
2819-A-A	10	B	Rm. 4								
2819-A-A	10	C	Rm. 1								
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td>	Area Sq. ft or L. ft <td>Hatch Color</td>	Hatch Color
134	D-1	I	Rm. 1, Rm. 2, Rm. 3, Rm. 4, RR. 1, RR. 2	walls	Gray	Covebase w/ Mastic	DW	GFP	N TSI S M	240	vermillion
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A	11	A	Rm. 2	wall	7501						
2819-A-A	11	B	Rm. 2								
2819-A-A	11	C	Rm. 3								

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/19/2020

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
135	D-1	1	Rm. 1	Sinks	White	Coating	M	GFP	Y (N) TSI S (M)	10	X Terra Cotta
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
2819 - A - A	12	A	Rm. 1	Sink		7503					
2819 - A - A	12	B	Rm. 1	Sink							
2819 - A - A	12	C	Rm. 1	Sink							
136	D-1	1	RR.1, RR.2	Walls	Lt. gray	2"x2" ceramic tile w/grout	DW	GFP	Y (N) TSI S (M)	150	Green
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
2819 - A - A	13	A	RR.1	Wall		7504					
2819 - A - A	13	B	RR.1	Wall							
2819 - A - A	13	C	RR.2	Wall							
137	D-1	1	RR.1, RR.2	Bath tub, sink, Toilet	White	Caulking porcelain	Porcelain	GFP	Y (N) TSI S (M)	10	yellow
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
2819 - A - A	14	A	RR.1	Bath tub		7505					
2819 - A - A	14	B	RR.1	Sink							
2819 - A - A	14	C	RR.2	Bath Tub							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Survey Dates and Times: 8/19/2020

Inspector Initials: DF

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
138	D-1	1	Rm. 1, Rm. 3	Counter top, Door frames, wall	White	Caulking	wood	G F P	Y <input checked="" type="checkbox"/> TSI S <input checked="" type="checkbox"/>	100	XX Composite Red
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
	2819 - A - A 15 A		Rm 1	wall	7506						
	2819 - A - A 15 B		Rm 1								
	2819 - A - A 15 C		Rm 3								
139	D-1	R	Exterior	Roofing System	Black	Roofing Sheets	wood	G F P	Y <input checked="" type="checkbox"/> TSI S <input checked="" type="checkbox"/>	1,200	Purple
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
	2819 - A - A 16 A		ext	roof	7516						
	2819 - A - A 16 B										
	2819 - A - A 16 C										
140	D-1	I	Rm. 3	Sink	Gray	Coating	M	G F P	Y <input checked="" type="checkbox"/> TSI S <input checked="" type="checkbox"/>	10	XX black
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
	2819 - A - A 17 A		Rm. 3	Sink	7574						
	2819 - A - A 17 B		Rm. 3	Sink							
	2819 - A - A 17 C		Rm. 3	Sink							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/20/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
142	K-7	1	Interior	Floor	Lt. gray	Bare Concrete	None	GFP	Y <input checked="" type="checkbox"/> TS1 S <input checked="" type="checkbox"/>	3,120	lt blue
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A-18	A		Interior	Floor	7521	1 kernel equal 120 sf. ft.					
2819-A-A-18	B		Interior	Floor							
2819-A-A-18	C		Interior	Floor							
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td>	Area Sq. ft or L. ft <td>Hatch Color</td>	Hatch Color
146	Water Shed (WS)	1	Interior	walls	White	P/SC	CC block	GFP	Y <input checked="" type="checkbox"/> TS1 S <input checked="" type="checkbox"/>	500	vermillion
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A-19	A		Interior	wall	7539						
2819-A-A-19	B		Interior	wall							
2819-A-A-19	C		Interior	wall							
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td>	Area Sq. ft or L. ft <td>Hatch Color</td>	Hatch Color
147	WS		Interior	Ceiling, walls	White	P/SC	CC	GFP	Y <input checked="" type="checkbox"/> TS1 S <input checked="" type="checkbox"/>	300	green
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A-20	A		Interior	wall	7538						
2819-A-A-20	B		Interior	wall							
2819-A-A-20	C		Interior	ceiling							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: DF Survey Dates and Times: 8/20/2020

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
148	WS	1	Interior	Door frame, window frames	White	Caiking	M	G F P	Y (N)	20	XXX black
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A-21 A			Interior	Door frame	7543						
2819-A-A-21 B			Interior	Window frame							
2819-A-A-21 C			Interior	Window frame							
HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition <td>Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td></td>	Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td>	Area Sq. ft or L. ft <td>Hatch Color</td>	Hatch Color
154	WS	1	Exterior (Ext.)	Walls	White	P/sc	CC block	G F P	Y (N) TSI S (M)	500	Blue
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A-22 A			Exterior	wall	7547						
2819-A-A-22 B			Exterior	wall							
2819-A-A-22 C			Exterior	wall							
HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition <td>Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td></td>	Friable ACM Type <td>Area Sq. ft or L. ft <td>Hatch Color</td> </td>	Area Sq. ft or L. ft <td>Hatch Color</td>	Hatch Color
155	WS	1	Ext.	Ceiling, walls, eaves,	white	P/sc	Concrete (cc)	G F P	Y (N) TSI S (M)	200	/// Purple
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819-A-A-23 A			Exterior	Ceiling	7546						
2819-A-A-23 B			Exterior	wall							
2819-A-A-23 C			Exterior	wall							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/20/2020

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
156	WS 1	I	Ext.	Door frame, window frames	White	CaULKing	M	⊙ F P	Y (N) TSI S (M)	20	XX Lt. blue
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A 24 A			Exterior	Door frame	7547						
2819 - A - A 24 B			Exterior	Window frame							
2819 - A - A 24 C			Exterior	Window frame							
157	WS R	R	Ext.	Roofing System	Black	BUR	CC	⊙ P	Y (N) TSI S (M)	200	/// Tuscan Red
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A 25 A			Exterior	Roofing System	7549	BUR - Built-up Roofing					
2819 - A - A 25 B			Exterior	Roofing System							
2819 - A - A 25 C			Exterior	Roofing System							
210	MS	I	Exterior (Ext.)	walls	White (w)	Paint (P)	Concrete block (cc block)	⊙ P	Y (N) TSI S (M)	10,550	— Blue
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A 26 A			Ext.	Wall	7578	MS = Maintenance Shop					
2819 - A - A 26 B			Ext.	Wall							
2819 - A - A 26 C			Ext.	Wall							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/24/2020

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
211	MS 1	1	Ext.	Door frames, walls, window ledges	W	Caulking	M	GFP	Y (N) TSI S (N)	200	Tuscan Red
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
	2819 - A - A 27 A		Ext.	Wall	7585						
	2819 - A - A 27 B		Ext.	Wall							
	2819 - A - A 27 C		Ext.	Window Ledge							
212	MS 1	1	Ext.	Window frames	Black	Caulking	M	GFP	Y (N) TSI S (N)	20	Black
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
	2819 - A - A 28 A		Ext.	Window frame	7587						
	2819 - A - A 28 B		Ext.	Window frame							
	2819 - A - A 28 C		Ext.	Window frame							
213	MS 1	1	Ext.	Window ledges	W	P/SC	Concrete	GFP	Y (N) TSI S (N)	60	Spider
	Sample ID		Room Sampled	Sample Location	PIC ID				Notes		
	2819 - A - A 29 A		Ext.	Window ledge	7588						
	2819 - A - A 29 B		Ext.	Window ledge							
	2819 - A - A 29 C		Ext.	Window ledge							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/24/2020

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
214	MS 1	1	Ext	Ductings	Silver wrap/yellow	TSI	M	GFP	N TSI S M	300	Salmon
	Sample ID		Room Sampled	Sample Location		PIC ID			Notes		
	2819 - A - A 30	A	Ext.	Ducting		7592					
	2819 - A - A 30	B	Ext.	Ducting							
	2819 - A - A 30	C	Ext.	Ducting							
215	MS R	R	Ext.	Roofing system	white caulking		M	GFP	N TSI S M	200	peach
	Sample ID		Room Sampled	Sample Location		PIC ID			Notes		
	2819 - A - A 31	A	Ext.	Roofing System		7601					
	2819 - A - A 31	B	Ext.	Roofing System							
	2819 - A - A 31	C	Ext.	Roofing System							
235	MS 1	1	Warehouse, Restroom	Walls	O/W	P/SC	CC block	GFP	N TSI S M	4,500	Orange
	Sample ID		Room Sampled	Sample Location		PIC ID			Notes		
	2819 - A - A 32	A	warehouse	Wall		7602					
	2819 - A - A 32	B	warehouse	Wall							
	2819 - A - A 32	C	Restroom	Wall							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/25/2020

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area (Sq. ft or L. ft)	Hatch Color
236	MS	1	Restroom, Restroom 1	Walls	Lt. gray	GROVA 9" x 4" Ceramic Tiles	CC black	⊙ F P	Y ⊙ TSI S ⊙	340	Pale Rose
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A	33	A	RESTROOM	WALL	7618						
2819 - A - A	33	B	RESTROOM	WALL							
2819 - A - A	33	C	RESTROOM	WALL							
HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition <td>Friable ACM Type <td>Area (Sq. ft or L. ft) <td>Hatch Color</td> </td></td>	Friable ACM Type <td>Area (Sq. ft or L. ft) <td>Hatch Color</td> </td>	Area (Sq. ft or L. ft) <td>Hatch Color</td>	Hatch Color
237	MS	1	Restroom, Restroom 1	Floor	White (W)	Grout 9" x 1" Ceramic Tiles	CC	⊙ F P	Y ⊙ TSI S ⊙	210	Red
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A	34	A	RESTROOM	FLOOR	7617						
2819 - A - A	34	B	RESTROOM	FLOOR							
2819 - A - A	34	C	RESTROOM	FLOOR							
HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition <td>Friable ACM Type <td>Area (Sq. ft or L. ft) <td>Hatch Color</td> </td></td>	Friable ACM Type <td>Area (Sq. ft or L. ft) <td>Hatch Color</td> </td>	Area (Sq. ft or L. ft) <td>Hatch Color</td>	Hatch Color
238	MS	1	Warehouse, Storage Room 1, Wash Rm, Storage 1	Window frames	W	Caulking	M	⊙ F P	Y ⊙ TSI S ⊙	80	XX Taupe
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A	35	A	warehouse	Window frame	7622						
2819 - A - A	35	B	warehouse	Window frame							
2819 - A - A	35	C	warehouse	Window frame							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: DP Survey Dates and Times: 8/25/2020

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. Ft or L. ft	Hatch Color
239	MS	I	warehouse, storage	Wall, Floor	W	P/SC	CC	G P	Y <input checked="" type="radio"/> <input type="radio"/>	80	Black
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A 36 A			warehouse	Floor	7608						
2819 - A - A 36 B			warehouse	Floor							
2819 - A - A 36 C			warehouse	Floor							
HM ID	Building	Fir.	Rooms <th>Locations</th> <th>Material Color</th> <th>Material</th> <th>Substrate</th> <th>Condition</th> <th>Friable ACM Type</th> <th>Area Sq. Ft or L. ft</th> <th>Hatch Color</th>	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. Ft or L. ft	Hatch Color
240	MS	I	Room 1, Wash Rm., Storage 1, Target Prep Restroom	Walls	Beige	P/SC	CC block	F P	Y <input checked="" type="radio"/> <input type="radio"/>	800	Salmon
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A 37 A			Room 1	wall	7629						
2819 - A - A 37 B			Room 1	wall							
2819 - A - A 37 C			Storage 1	wall							
HM ID	Building	Fir.	Rooms <th>Locations</th> <th>Material Color</th> <th>Material</th> <th>Substrate</th> <th>Condition</th> <th>Friable ACM Type</th> <th>Area Sq. Ft or L. ft</th> <th>Hatch Color</th>	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. Ft or L. ft	Hatch Color
241	MS	I	Room 1, Wash Rm., Restroom, Storage 1, Target Prep	Walls, Ceiling	Beige painted white	DW	CC block	F P	Y <input type="radio"/> <input checked="" type="radio"/> N	2,500	Black
	Sample ID		Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A 38 A			Room 1	wall	7630						
2819 - A - A 38 B			Storage 1	wall							
2819 - A - A 38 C			Target Prep	wall							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: DF, KS Survey Dates and Times: 8/28/20

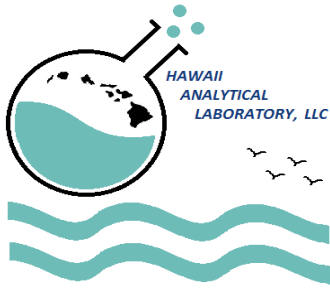
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color
242	MS	1	Room 1, Wash Rm, Storage 1, Target Prep	Floor	Beige	P/Sc	CC	⊙ F P	Y ^(N) TSI S ^(M)	3,000	Green green
			Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A	39	A	ROOM 1	FLOOR	7633						
2819 - A - A	39	B	STORAGE	FLOOR							
2819 - A - A	39	C	TARGET PREP	FLOOR							
243	MS	1	Room 1,	Ceiling	white	2'x4' ACT	None	⊙ F P	⊙ N TSI S ^(M)	2,600	vermillion
			Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A	40	A	ROOM 1	ceiling	7634						
2819 - A - A	40	B	ROOM 1	ceiling							
2819 - A - A	40	C	ROOM 1	ceiling							
244	MS	1	Plenum	Ducting	Silver wrap w/ yellow	TSI	M	⊙ F P	⊙ N TSI S ^(M)	600	Teal Teal
			Room Sampled	Sample Location	PIC ID	Notes					
2819 - A - A	41	A	Plenum	Ducting	7635						
2819 - A - A	41	B	Plenum	Ducting							
2819 - A - A	41	C	Plenum	Ducting							

#322016121

Hazardous Homogeneous Materials and Sampling Survey Field Form: Asbestos

Project Number: 2819 2 Location: Animal Quarantine Station Inspector Initials: DF, KS Survey Dates and Times: 8/28/20

HM ID	Building	Fir.	Rooms	Locations	Material Color	Material	Substrate	Condition	Friable ACM Type	Area Sq. ft or L. ft	Hatch Color																				
245	MS 1	I	Plenum	Ceiling	White w/ yellow	TSI	M	GFP	Y N TSI S M	3,000	Orange																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819 - A - A 42 A</td> <td>Plenum</td> <td>Ceiling</td> <td>7636</td> <td></td> </tr> <tr> <td>2819 - A - A 42 B</td> <td>Plenum</td> <td>Ceiling</td> <td></td> <td></td> </tr> <tr> <td>2819 - A - A 42 C</td> <td>Plenum</td> <td>Ceiling</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819 - A - A 42 A	Plenum	Ceiling	7636		2819 - A - A 42 B	Plenum	Ceiling			2819 - A - A 42 C	Plenum	Ceiling		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819 - A - A 42 A	Plenum	Ceiling	7636																												
2819 - A - A 42 B	Plenum	Ceiling																													
2819 - A - A 42 C	Plenum	Ceiling																													
246	MS 1	I	Plenum	walls	Brown wrap w/ yellow	TSI	DW	GFP	N TSI S M	2,800	Orange																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819 - A - A 43 A</td> <td>Plenum</td> <td>wall</td> <td>7637</td> <td></td> </tr> <tr> <td>2819 - A - A 43 B</td> <td>Plenum</td> <td>wall</td> <td></td> <td></td> </tr> <tr> <td>2819 - A - A 43 C</td> <td>Plenum</td> <td>wall</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819 - A - A 43 A	Plenum	wall	7637		2819 - A - A 43 B	Plenum	wall			2819 - A - A 43 C	Plenum	wall		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819 - A - A 43 A	Plenum	wall	7637																												
2819 - A - A 43 B	Plenum	wall																													
2819 - A - A 43 C	Plenum	wall																													
247	MS 1	I	Room 1, Wash Rm., Storage 1, Target Prep.	walls	Beige	Covebase w/ mastic	cc block	GFP	Y N TSI S M	400	Mango																				
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Room Sampled</th> <th>Sample Location</th> <th>PIC ID</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2819 - A - A 44 A</td> <td>Room 1</td> <td>wall</td> <td>7638</td> <td></td> </tr> <tr> <td>2819 - A - A 44 B</td> <td>Storage 1</td> <td>wall</td> <td></td> <td></td> </tr> <tr> <td>2819 - A - A 44 C</td> <td>Target prep</td> <td>wall</td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Room Sampled	Sample Location	PIC ID	Notes	2819 - A - A 44 A	Room 1	wall	7638		2819 - A - A 44 B	Storage 1	wall			2819 - A - A 44 C	Target prep	wall		
Sample ID	Room Sampled	Sample Location	PIC ID	Notes																											
2819 - A - A 44 A	Room 1	wall	7638																												
2819 - A - A 44 B	Storage 1	wall																													
2819 - A - A 44 C	Target prep	wall																													



Hawaii Analytical Laboratory ANALYTICAL REPORT

Wednesday, August 26, 2020

Ms. Myounghee Noh
Myounghee Noh & Associates, LLC
99-1046 Iwaena St. Suite 210A
Aiea HI 96701

Phone Number: (808) 484-9214
Facsimile:
Email: myounghee@noh-associates.com

Lab Job No: 202007207
Date Submitted: 8/24/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042834	2819-B-P1A	< 36	mg/kg	8/24/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202042835	2819-B-P1B	< 37	mg/kg	8/24/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202042836	2819-B-P2A	67	mg/kg	8/24/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202042837	2819-B-P2B	49	mg/kg	8/24/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202042838	2819-B-P3A	< 40	mg/kg	8/24/2020
Comments				
202042839	2819-B-P3B	< 40	mg/kg	8/24/2020
Comments				
202042840	2819-B-P4A	56	mg/kg	8/24/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202042841	2819-B-P4B	72	mg/kg	8/24/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2005. AIHA is a NLLAP recognized accrediting body. Controlled doc.: Lead Report, rev. 3 – 20181015

Ms. Myounghee Noh
 Myounghee Noh & Associates, LLC
 99-1046 Iwaena St. Suite 210A
 Aiea HI 96701

Phone Number: (808) 484-9214
Facsimile:
Email: myounghee@noh-associates.com

Lab Job No: 202007207
Date Submitted: 8/24/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042842	2819-B-P5A	350	mg/kg	8/24/2020
Comments				
202042843	2819-B-P5B	300	mg/kg	8/24/2020
Comments				
202042844	2819-B-P6A	340	mg/kg	8/24/2020
Comments				
202042845	2819-B-P6B	91	mg/kg	8/24/2020
Comments				
202042846	2819-B-P7A	< 40	mg/kg	8/24/2020
Comments				
202042847	2819-B-P7B	< 40	mg/kg	8/24/2020
Comments				
202042848	2819-B-P8A	< 40	mg/kg	8/24/2020
Comments				
202042849	2819-B-P8B	< 40	mg/kg	8/24/2020
Comments				
202042850	2819-B-P9A	8700	mg/kg	8/24/2020
Comments				
202042851	2819-B-P9B	< 40	mg/kg	8/24/2020
Comments				
202042852	2819-B-P10A	< 39	mg/kg	8/24/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2005. AIHA is a NLLAP recognized accrediting body. Controlled doc.: Lead Report, rev. 3 – 20181015

Ms. Myounghee Noh
 Myounghee Noh & Associates, LLC
 99-1046 Iwaena St. Suite 210A
 Aiea HI 96701

Phone Number: (808) 484-9214
Facsimile:
Email: myounghee@noh-associates.com

Lab Job No: 202007207
Date Submitted: 8/24/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042853	2819-B-P10B	< 37	mg/kg	8/24/2020
Comments: Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202042854	2819-B-P11A	< 40	mg/kg	8/24/2020
Comments:				
202042855	2819-B-P11B	< 40	mg/kg	8/24/2020
Comments:				
202042856	2819-B-P12A	< 40	mg/kg	8/24/2020
Comments:				
202042857	2819-B-P12B	< 40	mg/kg	8/24/2020
Comments:				
202042858	2819-B-P13A	< 40	mg/kg	8/24/2020
Comments:				
202042859	2819-B-P13B	< 40	mg/kg	8/24/2020
Comments:				
202042860	2819-B-P14A	< 40	mg/kg	8/24/2020
Comments:				
202042861	2819-B-P14B	< 40	mg/kg	8/24/2020
Comments:				
202042862	2819-B-P15A	430	mg/kg	8/24/2020
Comments:				
202042863	2819-B-P15B	< 40	mg/kg	8/24/2020
Comments:				

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Email: myounghee@noh-associates.com

Lab Job No: 202007207
Date Submitted: 8/24/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042864	2819-B-P16A	< 40	mg/kg	8/24/2020
Comments				
202042865	2819-B-P16B	< 40	mg/kg	8/24/2020
Comments				
202042866	2819-B-P17A	61	mg/kg	8/24/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202042867	2819-B-P17B	52	mg/kg	8/24/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202042868	2819-B-P28A	< 40	mg/kg	8/24/2020
Comments				
202042869	2819-B-P28B	< 40	mg/kg	8/24/2020
Comments				
202042870	2819-B-P29A	< 40	mg/kg	8/24/2020
Comments				
202042871	2819-B-P29B	< 40	mg/kg	8/24/2020
Comments				
202042872	2819-B-P30A	< 40	mg/kg	8/24/2020
Comments				
202042873	2819-B-P30B	< 40	mg/kg	8/24/2020
Comments				
202042874	2819-B-P31A	< 40	mg/kg	8/25/2020
Comments				

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Lab Job No: 202007207
Date Submitted: 8/24/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042875	2819-B-P31B	< 40	mg/kg	8/25/2020
Comments				
202042876	2819-B-P32A	< 40	mg/kg	8/25/2020
Comments				
202042877	2819-B-P32B	< 40	mg/kg	8/25/2020
Comments				
202042878	2819-B-P33A	< 40	mg/kg	8/25/2020
Comments				
202042879	2819-B-P33B	< 40	mg/kg	8/25/2020
Comments				
202042880	2819-B-P34A	< 40	mg/kg	8/25/2020
Comments				
202042881	2819-B-P34B	< 40	mg/kg	8/25/2020
Comments				
202042882	2819-B-P35A	< 40	mg/kg	8/25/2020
Comments				
202042883	2819-B-P35B	< 40	mg/kg	8/25/2020
Comments				
202042884	2819-B-P36A	< 40	mg/kg	8/25/2020
Comments				
202042885	2819-B-P36B	< 40	mg/kg	8/25/2020
Comments				

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Date Submitted: 8/24/2020
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Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042886	2819-B-P37A	< 40	mg/kg	8/25/2020
Comments				
202042887	2819-B-P37B	< 40	mg/kg	8/25/2020
Comments				
202042888	2819-B-P38A	28000	mg/kg	8/25/2020
Comments				
202042889	2819-B-P38B	19000	mg/kg	8/25/2020
Comments				
202042892	2819-B-P39A	< 40	mg/kg	8/25/2020
Comments				
202042893	2819-B-P39B	< 40	mg/kg	8/25/2020
Comments				
202042894	2819-B-P40A	< 40	mg/kg	8/25/2020
Comments				
202042895	2819-B-P40B	< 40	mg/kg	8/25/2020
Comments				
202042896	2819-B-P41A	< 40	mg/kg	8/25/2020
Comments				
202042897	2819-B-P41B	< 40	mg/kg	8/25/2020
Comments				
202042898	2819-B-P42A	< 40	mg/kg	8/25/2020
Comments				

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Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042899	2819-B-P42B	< 40	mg/kg	8/25/2020
Comments				
202042900	2819-B-P43A	< 40	mg/kg	8/25/2020
Comments				
202042901	2819-B-P43B	< 40	mg/kg	8/25/2020
Comments				
202042902	2819-B-P44A	< 40	mg/kg	8/25/2020
Comments				
202042903	2819-B-P44B	< 40	mg/kg	8/25/2020
Comments				
202042904	2819-B-P45A	< 40	mg/kg	8/25/2020
Comments				
202042905	2819-B-P45B	< 40	mg/kg	8/25/2020
Comments				
202042906	2819-B-P46A	< 40	mg/kg	8/25/2020
Comments				
202042907	2819-B-P46B	< 40	mg/kg	8/25/2020
Comments				
202042908	2819-B-P47A	< 40	mg/kg	8/25/2020
Comments				
202042909	2819-B-P47B	< 40	mg/kg	8/25/2020
Comments				

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Lab Job No: 202007207
Date Submitted: 8/24/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202042910	2819-B-P48A	< 40	mg/kg	8/25/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202042911	2819-B-P48B	< 40	mg/kg	8/25/2020
Comments				
202042912	2819-B-P49A	< 40	mg/kg	8/25/2020
Comments				
202042913	2819-B-P49B	35	mg/kg	8/25/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202042914	2819-B-P50A	< 40	mg/kg	8/25/2020
Comments				
202042915	2819-B-P50B	< 40	mg/kg	8/25/2020
Comments				

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Lab Job No: 202007207
Date Submitted: 8/24/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/17/20-8/19/20

All Quality Control data are acceptable unless otherwise noted.
MRL for lead air is 5ug.
MRL for lead wipe is 10ug.
MRL for lead paint or soil is 40 mg/kg for a 0.25g sample.

General Comments

The sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. Modifications to this methodology may have been made based upon the analyst's professional judgment and / or sample matrix effects encountered. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. All analysts participate in interlaboratory quality control testing to continuously document proficiency. This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report should not be construed as an endorsement for a product or a service by the AIHA LAP, LLC or any affiliated organizations. Sample and associated sampling / collection data is reported as provided by client. TWA values have been calculated based on information supplied by the client that the laboratory has not independently verified. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable.

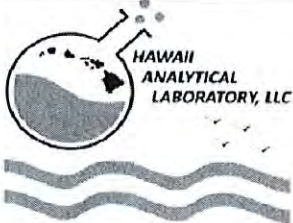
Results and Symbols Definitions

> This testing result is greater than the numerical value listed.
< This testing result is less than the numerical value listed.
= Analytical methods marked with an "#" are not within our AIHA LAP, LLC Scope of Accreditation.
MRL = Method Reporting Limit.



Jennifer Hsu Liao
Laboratory Manager

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Honolulu, HI 96816
Ph: 808-735-0422 - Fax: 808-735-0047
www.analyzehawaii.com

New Client?

Report To* : Kealohilani Serrao
Company : Myounghee Noh & Associates
Address* : 99-1046 Iwaena St. Suite 210A
Aiea, HI. 96701
Phone / Cell No.* : 808-484-9214
Report results to : Kealohilani Serrao
Email / Fax : kealohi@noh-associates.com

Invoice To* : Kealohilani Serrao
Company : Myounghee Noh & Associates
Address* : 99-1046 Iwaena St. Suite 210A
Aiea, HI. 96701
Phone / Cell No.* : 808-484-9214
Purchase Order No. :
Email Invoice To : kealohi@noh-associates.com

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **2819_2 AQS - Team B** Client Project No.: **2819_2** Verbal results? Sampled By & Certif. #: **Kealohilani Serrao**

Special Instructions: **Please see field forms.** PLM POSITIVE STOP Instructions: + stop / SAMPLE + stop / LAYER

Lab Report No.:
202007207

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1 2819-B--P1A	Please see field forms	08/17/20	Paint Chips		Pb Lead	SW846 - 7000Bm	
2 2819-B-P1B	↓	↓	↓		↓	↓	
3							
4 2819-B-P17A	↓	↓	↓		↓	↓	
5 2819-B-P17B	↓	↓	↓		↓	↓	
6							
7							
8 2819-B-P28A	Please see field forms	08/19/20	Paint Chips		Pb Lead	SW846 - 7000Bm	
9 2819-B-P28B	↓	↓	↓		↓	↓	
10							
11 2819-B-P50A	↓	↓	↓		↓	↓	
12 2819-B-P50B	↓	↓	↓		↓	↓	

Relinquished By (Print and Sign)	Date/Time	Received By (Print and Sign)	Date/Time
Kealohilani Serrao <i>Kealohi</i>	08/24/20 1200PM	Corin Forrest <i>CF</i>	08-24-20 P12:32 RCVD

*Sample description can be paint chips, concrete, specific sample collection location, etc...
If matrix is 'soil', please specify if it is a FOREIGN SOIL SAMPLE (outside Hawaii) in the comment section.
All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.
*Required fields, failure to complete these fields may result in a delay in your samples being processed.

via HAC via USPS via drop box via FedEx via pick up
awb#: 173-.....

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station**

Inspector Initials: **JB/KS**

Survey Dates and Times: **8/17 9am**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
31	C	1	Cat 3 Int, Cat 4 Int Cat 9 Int, Cat 8 Int Cat 10 Int, Cat 5 Int Cat 6 Int, Cat 7 Int Cat 1 Int, Cat 11 Int, Cat 12 Int	Walls	Beige	P	M	G F P	6000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 1 A		Cat 9		walls	202042834	2420				
2819-B-P 1 B		Cat 5		walls	202042835					
32	C	1	Cat 3 Int, Cat 4 Int Cat 9 Int, Cat 8 Int Cat 10 Int, Cat 5 Int Cat 6 Int, Cat 7 Int Cat 1 Int, Cat 11 Int, Cat 12 Int	Walls, ceiling	green	P	M	G F P	6000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 2 A		Cat 9		wall	202042836	2422				
2819-B-P 2 B		Cat 5		wall	202042837					
33	C	1	Cat 3 Int, Cat 4 Int Cat 9 Int, Cat 8 Int Cat 10 Int, Cat 5 Int Cat 6 Int, Cat 7 Int Cat 1 Int, Cat 11 Int, Cat 12 Int	shelves, walkway	green	P	W	G F P	1000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 3 A		Cat 9		walkway	202042838	2423				
2819-B-P 3 B		Cat 5		shelf	202042839					

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819_2** Location: **Animal Quarantine Station**

Inspector Initials: **JDKS**

Survey Dates and Times: **8/17 9am**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
34	C	ext	Cat 9, Cat 8, Cat 10 Cat 5, Cat 6, Cat 7 cat 1, cat 11, cat 1b, cat 3 cat 4	wall, gutter, downspout rod	beige	P	M	G F P	6000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P4		A		Cat 9		wall 202042840	2425			
2819-B-P4		B		Cat 5		wall 202042841				
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
35	C	ext	Cat 9, Cat 8, Cat 10 cat 5, cat 6, cat 7 cat 1, cat 11, cat 12 cat 4	railings, wall	w	P	M	G F P	1000 3000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P5		A		Cat 9		railings 202042842	2426			
2819-B-P5		B		Cat 9		railings 202042843				
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
36	W1	ext	Wash 1, Wash 2, Wash 3	divider, cabinet	beige	P	W	G F P	300	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P6		A		Wash 3 202042844 cabinet		2428				
2819-B-P6		B		Wash 1 202042845 divider						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819_2** Location: **Animal Quarantine Station**

Inspector Initials: **JP/KS**

Survey Dates and Times: **8/17 9am**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
37	W1	ext	Wash 1, Wash 2, Wash 3	ceilings	green	P	M	GFP	3000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 7 A		Wash 1		ceiling		2429	202042846			
2819-B-P 7 B		Wash 1		ceiling			202042847			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
38	W1	ext	Wash 1, Wash 2, Wash 3	wall	beige	P	cc block	GFP	300	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 8 A		Wash 3		wall		2430	202042848			
2819-B-P 8 B		Wash 1		wall			202042849			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
39	W1	ext	Wash 1, Wash 2, Wash 3	roof, pipe	beige	P	M	GFP	2000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 9 A		Wash 3		pipe			202042850			
2819-B-P 9 B		Wash 1		roof			202042851			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: JB/KS

Survey Dates and Times: 8/17 9am

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
40	W1	ext	Wash 1, Wash 2, Wash 3	elec box	lt blue	P	M	GFP	40	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P10 A		Cat 1		elect box		2433	202042852			
2819-B-P10 B		Cat 1		elect box			202042853			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
	W	ext	Wash 1, Wash 2, Wash 3					GFP		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P11 A		es								
2819-B-P11 B										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
41	S	1	Shed 1, Shed 2, Shed 3	ceilings, walls	w	P	w	GFP	2000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P11 A		Shed 2		wall		2435	202042854			
2819-B-P11 B		Shed 2		wall			202042855			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: JB/KS

Survey Dates and Times: 8/17 9am

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
42	S	1	Shed 1	walls, trim, door frames	beige	P	W	G F P	1000	←
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P12 A		Shed 1		wall		2436	202042856			
2819-B-P12 B		↓		door frame			202042857			
43	S	1	Shed 1, Shed 3	wall	blue	P	W	G F P	500	—
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P13 A		Shed 1		wall		2437	202042858			
2819-B-P13 B		↓		↓			202042859			
44	S	ext	Shed 1, Shed 2, Shed 3 Shed 4	wall, roof	beige	P	M	G F P	500	—
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P14 A		Shed 2		wall		2439	202042860			
2819-B-P14 B		↓		roof			202042861			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station**

Inspector Initials: **JB/KS**

Survey Dates and Times: **8/17 9am**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <small>(Sq. ft or L. ft)</small>	Hatch Color
45	S	ext	Shed 1, Shed 2 , Shed 3 B	door frame, bench window frame	red	P	W	G F P	300	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P15 A		ext		window frame		2440	202042862			
2819-B-P15 B		ext		bench			202042863			
46	S	ext	Shed 1, Shed 2, Shed 3 Shed 4	trim	beige	P	W	G F P	100	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P16 A		ext		trim		2441	202042864			
2819-B-P16 B		ext		trim			202042865			
47	S	ext	Shed 1, Shed 2, Shed 3 Shed 4	roof	green	P	M	G F P	1000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P17A		Shed 2		roof		2441	202042866			
2819-B-P17B							202042867			

*skipped P18
on accident

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station**


Inspector Initials: **JB/CS**

Survey Dates and Times: **8/19**


HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <small>(Sq. ft or L. ft)</small>	Hatch Color
57	D2	1	Living Rm, Rm1, Rm2, Rm3, RR, Closet	Ceiling	W	P	DW	(G) F P	2000	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P28 A		Room 2		ceiling				202042868		
2819-B-P28 B		Living room		↓		2479		202042869		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <small>(Sq. ft or L. ft)</small>	Hatch Color
58	D2	1	Living Rm, Rm1, Rm2, Rm3, RR, Closet	walls	Beise	P	DW	(G) F P	4000	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P29 A		Rm1		wall				202042870		
2819-B-P29 B		Rm3		↓		2480		202042871		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <small>(Sq. ft or L. ft)</small>	Hatch Color
59	D2	1	Living Rm, Rm1, Rm2, Rm3, RR, Closet	doors, door frames window frames	beise	P	W	(G) F P	2500	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P30 A		Room 2		window frame				202042872		
2819-B-P30 B		Room 1		door frame		2485		202042873		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint


Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: _____ Survey Dates and Times: _____

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
60	D2	ext	Exterior	wall	beige	P	cc block	GFP	200	

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - B - P 31 A	exterior	wall	2487	202042874
2819 - B - P 31 B	↓	↓		202042875

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
61	D2	ext	Exterior	walls, ceilings, pillars	beige	P	wood	GFP	4000	

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - B - P 32 A	exterior	pillar	2488	202042876
2819 - B - P 32 B	↓	wall		202042877

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
62	D2	ext	Exterior	window frames door frames trim	brown	P	W	GFP	200	

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - B - P 33 A	ext	door frame	2489	202042878
2819 - B - P 33 B	↓	window frame		202042879

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area (Sq. ft or L. ft)	Hatch Color
63	D2	ext	exterior	gutter	w	P	M	G F P	10	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P 34 A						0490	Plastic			
2819 - B - P 34 B							NO sample			
64	D2	ext	exterior	gutter	brown	P	M	G F P	30	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P 35 A						0491	baked on paint			
2819 - B - P 35 B							assume LCP			
65	D2	ext	exterior	back door	black	P	M	G F P	10	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P 36 A						0492	baked on paint			
2819 - B - P 36 B							assume LCP			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
66	Perkins Lot	1	Ext	curb	Blue	P	CC	G F P	30	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P34 A		ext		curb 202042880		2495				
2819 - B - P34 B		↓		↓ 202042881						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
67	Perkins Lot	1	Ext	stall	Grey	P	Asphalt	G F P	50	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P35 A		Ext ↓		stall ↓		2496	202042882 202042883			
2819 - B - P35 B										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
68	Perkins Lot	1	Ext	stall	W	P	Asphalt	G F P	30	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P36 A		ext		stall		2497	202042884 202042885			
2819 - B - P36 B		↓								

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
69	Parking Lot	1	Ext	curb	red	P	CC	GFP	SD	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P37 A		ext ↓		curb ↓		2498	202042886			
2819 - B - P37 B							202042887			
70	Parking Lot	1	Ext	curb	yellow	P	CC	GFP	SD	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P38 A		ext ↓		curb ↓		2499	202042888			
2819 - B - P38 B							202042889			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
								GFP		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P		A					202042890			
2819 - B - P		B					202042891 - CF			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials: **JB/KS**

Survey Dates and Times: **8/10 9am**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft of L. ft	Hatch Color
71	Collage	1	Rm 1, Rm 2, Rm 3 Living Rm, RR, Closet	walls, ceiling	W	P	W	G F P	3000	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P39 A		RR		wall		2500		202042892		
2819-B-P39 B		Rm 3		↓				202042893		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft of L. ft	Hatch Color
72	Collage	1	Rm 1, Rm 2, Rm 3 Living Rm, RR, Closet	doors, door frames, window frames	W	P	W	G F P	500	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P 40A		Living room		window frame		2505		202042894		
2819-B-P 40B		↓		door frame				202042895		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft of L. ft	Hatch Color
73	Collage	1	Exterior	walls, ceiling, trim	brown	P	W	G F P	3000	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P41 A		ext		wall		2506		202042896		
2819-B-P41 B		↓		↓				202042897		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

 Project Number: **2819 2**

 Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area (Sq. ft or L. ft)	Hatch Color
74	Cottage	ext	Exterior	door frames, window frames	dk brown	P	W	GFP	500	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - B - P42 A		ext		door frame		2508		202042898		
2819 - B - P42 B		✓		window frame				202042899		
75	Cottage	ext	exterior	wall	beige	P	cc block	GFP	200	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - B - P43 A		exterior ↓		wall ↓		2509		202042900		
2819 - B - P43 B								202042901		
76	Cottage	ext	exterior	garage	brown	P	M	GFP	200	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - B - P / A						2510		No sample assume CCP		
2819 - B - P / B								baked on paint		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
77	S	EX	shed 2	door, door frame	black	P	M	GFP	7	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P A						2474	Baked on Paint Assume LCP			
2819-B-P B										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
78	S	1	shed 4	walls, ceiling	W	P	W	GFP	200	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 44 A		shed 4		wall		2528	202042902			
2819-B-P 44 B		↓		↓			202042903			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
79	S	1	shed 4	walls	agua	P	W	GFP		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 45 A		Shed 4		wall		2529	202042904			
2819-B-P 45 B		↓		↓			202042905			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
80	0	7	office	ceiling	w	p	aw	G F P	200	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P46 A		office		ceiling		2530		202042906		
2819-B-P46 B		↓		↓				202042907		
81	0	1	office	walls	blue	p	aw	G F P	300	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P47 A		office		walls		2531		202042908		
2819-B-P47 B		↓		↓				202042909		
82	0	1	office	door frame	w	p	w	G F P	10	
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P48 A		office		door frame		2535		202042910		
2819-B-P48 B		↓		↓				202042911		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

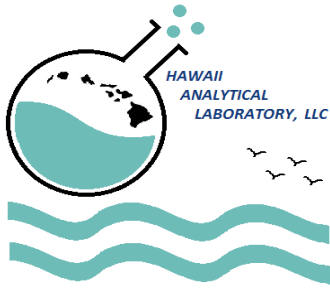
Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
83	0	ext	Ext	door	w	p	M	GFP	10	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P49 A		ext		door		2530	202042912			
2819 - B - P49 B		↓		↓			202042913			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
84	0	ext	Ext	walls, ceiling, trim window frame	w	p	w	GFP	500	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P50 A		ext ↓		window frame		2537	202042914			
2819 - B - P50 B		↓		wall			202042915			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
								GFP		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P		A								
2819 - B - P		B								



Hawaii Analytical Laboratory ANALYTICAL REPORT

Thursday, September 3, 2020

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Phone Number: (808) 484-9214
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Email: myounghee@noh-associates.com

Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044382	2819-B-P19A	3000	mg/kg	9/1/2020
Comments				
202044383	2819-B-P19B	3000	mg/kg	9/1/2020
Comments				
202044384	2819-B-P20A	1600	mg/kg	9/1/2020
Comments				
202044385	2819-B-P20B	2600	mg/kg	9/1/2020
Comments				
202044386	2819-B-P21A	6000	mg/kg	9/1/2020
Comments				
202044387	2819-B-P21B	4800	mg/kg	9/1/2020
Comments				
202044388	2819-B-P22A	4200	mg/kg	9/1/2020
Comments				
202044389	2819-B-P22B	3500	mg/kg	9/1/2020
Comments				

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Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044390	2819-B-P23A	< 40	mg/kg	9/1/2020
Comments				
202044391	2819-B-P23B	< 40	mg/kg	9/1/2020
Comments				
202044392	2819-B-P24A	3900	mg/kg	9/1/2020
Comments				
202044393	2819-B-P24B	3600	mg/kg	9/1/2020
Comments				
202044394	2819-B-P25A	3100	mg/kg	9/1/2020
Comments				
202044395	2819-B-P25B	3100	mg/kg	9/1/2020
Comments				
202044396	2819-B-P26A	6600	mg/kg	9/1/2020
Comments				
202044397	2819-B-P26B	6900	mg/kg	9/1/2020
Comments				
202044398	2819-B-P27A	4800	mg/kg	9/1/2020
Comments				
202044399	2819-B-P27B	5200	mg/kg	9/1/2020
Comments				
202044400	2819-B-P51A	< 40	mg/kg	9/2/2020
Comments				

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Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044401	2819-B-P51B	< 40	mg/kg	9/2/2020
Comments				
202044402	2819-B-P52A	< 40	mg/kg	9/2/2020
Comments				
202044403	2819-B-P52B	< 40	mg/kg	9/2/2020
Comments				
202044404	2819-B-P53A	< 40	mg/kg	9/2/2020
Comments				
202044405	2819-B-P53B	< 40	mg/kg	9/2/2020
Comments				
202044406	2819-B-P54A	< 33	mg/kg	9/2/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202044407	2819-B-P54B	< 55	mg/kg	9/2/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL. Per client request, proceed with analysis with insufficient sample.				
202044408	2819-B-P55A	530	mg/kg	9/2/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202044409	2819-B-P55B	550	mg/kg	9/2/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202044410	2819-B-P56A	490	mg/kg	9/2/2020
Comments				
202044411	2819-B-P56B	500	mg/kg	9/2/2020
Comments				

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Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044412	2819-B-P57A	< 40	mg/kg	9/2/2020
Comments				
202044413	2819-B-P57B	< 40	mg/kg	9/2/2020
Comments				
202044414	2819-B-P59A	160	mg/kg	9/2/2020
Comments				
202044415	2819-B-P59B	< 34	mg/kg	9/2/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202044416	2819-B-P60A	< 40	mg/kg	9/2/2020
Comments				
202044417	2819-B-P60B	< 40	mg/kg	9/2/2020
Comments				
202044418	2819-B-P61A	< 40	mg/kg	9/2/2020
Comments				
202044419	2819-B-P61B	< 40	mg/kg	9/2/2020
Comments				
202044420	2819-B-P62A	2100	mg/kg	9/2/2020
Comments				
202044421	2819-B-P62B	2300	mg/kg	9/2/2020
Comments				
202044422	2819-B-P63A	610	mg/kg	9/2/2020
Comments				

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Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044423	2819-B-P63B	640	mg/kg	9/2/2020
Comments				
202044424	2819-B-P64A	3200	mg/kg	9/2/2020
Comments				
202044425	2819-B-P64B	2600	mg/kg	9/2/2020
Comments				
202044426	2819-B-P65A	< 40	mg/kg	9/2/2020
Comments				
202044427	2819-B-P65B	< 40	mg/kg	9/2/2020
Comments				
202044428	2819-B-P66A	< 40	mg/kg	9/2/2020
Comments				
202044429	2819-B-P66B	< 40	mg/kg	9/2/2020
Comments				
202044430	2819-B-P67A	< 40	mg/kg	9/2/2020
Comments				
202044431	2819-B-P67B	< 40	mg/kg	9/2/2020
Comments				
202044432	2819-B-P68A	< 40	mg/kg	9/2/2020
Comments				
202044433	2819-B-P68B	< 40	mg/kg	9/2/2020
Comments				

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Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044434	2819-B-P69A	54	mg/kg	9/2/2020
Comments				
202044435	2819-B-P69B	< 40	mg/kg	9/2/2020
Comments				
202044436	2819-B-P70A	< 40	mg/kg	9/2/2020
Comments				
202044437	2819-B-P70B	< 40	mg/kg	9/2/2020
Comments				
202044438	2819-B-P71A	< 40	mg/kg	9/2/2020
Comments				
202044439	2819-B-P71B	< 40	mg/kg	9/2/2020
Comments				
202044440	2819-B-P72A	< 40	mg/kg	9/2/2020
Comments				
202044441	2819-B-P72B	< 40	mg/kg	9/2/2020
Comments				
202044442	2819-B-P73A	< 40	mg/kg	9/2/2020
Comments				
202044443	2819-B-P73B	< 40	mg/kg	9/2/2020
Comments				
202044444	2819-B-P74A	< 40	mg/kg	9/2/2020
Comments				

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Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044445	2819-B-P74B	< 40	mg/kg	9/2/2020
Comments				
202044446	2819-B-P75A	< 40	mg/kg	9/2/2020
Comments				
202044447	2819-B-P75B	< 40	mg/kg	9/2/2020
Comments				
202044448	2819-B-P76A	< 40	mg/kg	9/2/2020
Comments				
202044449	2819-B-P76B	< 40	mg/kg	9/2/2020
Comments				
202044450	2819-B-P77A	< 40	mg/kg	9/2/2020
Comments				
202044451	2819-B-P77B	< 40	mg/kg	9/2/2020
Comments				
202044452	2819-B-P79A	< 40	mg/kg	9/2/2020
Comments				
202044453	2819-B-P79B	< 40	mg/kg	9/2/2020
Comments				
202044454	2819-B-P80A	< 40	mg/kg	9/2/2020
Comments				
202044455	2819-B-P80B	< 40	mg/kg	9/2/2020
Comments				

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Facsimile:
Email: myounghee@noh-associates.com

Lab Job No: 202007444
Date Submitted: 8/31/2020
Your Project: 2819_2, 2819_2 AQS - Team B, 8/27/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample ID / Description	Results	Units	Date Analyzed
202044456	2819-B-P81A	< 40	mg/kg	9/2/2020
Comments				
202044457	2819-B-P81B	< 40	mg/kg	9/2/2020
Comments				
202044458	2819-B-P82A	88	mg/kg	9/2/2020
Comments				
202044459	2819-B-P82B	82	mg/kg	9/2/2020
Comments				

All Quality Control data are acceptable unless otherwise noted.
MRL for lead air is 5ug.
MRL for lead wipe is 10ug.
MRL for lead paint or soil is 40 mg/kg for a 0.25g sample.

General Comments

The sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. Modifications to this methodology may have been made based upon the analyst's professional judgment and / or sample matrix effects encountered. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. All analysts participate in interlaboratory quality control testing to continuously document proficiency. This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report should not be construed as an endorsement for a product or a service by the AIHA LAP, LLC or any affiliated organizations. Sample and associated sampling / collection data is reported as provided by client. TWA values have been calculated based on information supplied by the client that the laboratory has not independently verified. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable.

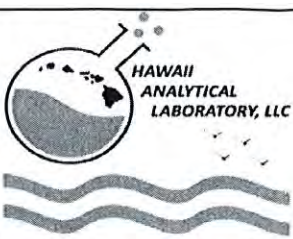
Results and Symbols Definitions

> This testing result is greater than the numerical value listed.
< This testing result is less than the numerical value listed.
= Analytical methods marked with an "#" are not within our AIHA LAP, LLC Scope of Accreditation.
MRL = Method Reporting Limit.



Jennifer Hsu Liao
Laboratory Manager

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2005. AIHA is a NLLAP recognized accrediting body. Controlled doc.: Lead Report, rev. 3 – 20181015



3615 Harding Avenue, Suite 308
Honolulu, HI 96816
Ph: 808-735-0422 - Fax: 808-735-0047
www.analyzehawaii.com

New Client?

Report To* : Kealohilani Serrao
Company : Myounghee Noh & Associates
Address* : 99-1046 Iwaena St. Suite 210A
Aiea, HI. 96701
Phone / Cell No.* : 808-484-9214
Report results to : Kealohilani Serrao
Email / Fax : kealohi@noh-associates.com

Invoice To* : Kealohilani Serrao
Company : Myounghee Noh & Associates
Address* : 99-1046 Iwaena St. Suite 210A
Aiea, HI. 96701
Phone / Cell No.* : 808-484-9214
Purchase Order No. :
Email Invoice To : kealohi@noh-associates.com

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **2819_2 AQS - Team B** Client Project No.: **2819_2** Verbal results? Sampled By & Certif. #: **Kealohilani Serrao**

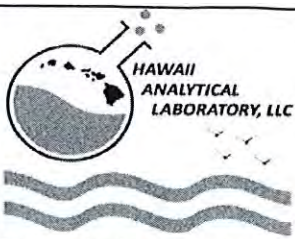
Special Instructions: **Please see field forms.** PLM POSITIVE STOP Instructions: + stop / SAMPLE + stop / LAYER **Lab Report No.: 202007444**

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1 2819-B-P19A	Please see field forms	08/27/20	Paint Chips		Pb Lead	SW846 - 7000Bm	
2 2819-B-P19B	↓	↓	↓		↓	↓	
3 ↓							
4 2819-B-P27A	↓	↓	↓		↓	↓	
5 2819-B-P27B	↓	↓	↓		↓	↓	
6							
7							
8 2819-B-P51A	Please see field forms	08/27/20	Paint Chips		Pb Lead	SW846 - 7000Bm	
9 2819-B-P51B	↓	↓	↓		↓	↓	
10 ↓							
11 2819-B-P57A	↓	↓	↓		↓	↓	
12 2819-B-P57B	↓	↓	↓		↓	↓	

Relinquished By (Print and Sign) Kealohilani Serrao <i>[Signature]</i>	Date/Time 08/28/20 1200PM 8/31/20	Received By (Print and Sign) Corin Forrest <i>[Signature]</i>	Date/Time 08-31-20 P02:10 IN
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*Sample description can be paint chips, concrete, specific sample collection location, etc...
If matrix is 'soil', please specify if it is a FOREIGN SOIL SAMPLE (outside Hawaii) in the comment section.
All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.
*Required fields, failure to complete these fields may result in a delay in your samples being processed.

via HAC via USPS via drop box via FedEx via pick up
awb#: 173-.....



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New Client?

Report To* : Kealohilani Serrao
 Company : Myounghee Noh & Associates
 Address* : 99-1046 Iwaena St. Suite 210A
 Aiea, HI. 96701
 Phone / Cell No.* : 808-484-9214
 Report results to : Kealohilani Serrao
 Email / Fax : kealohi@noh-associates.com

Invoice To* : Kealohilani Serrao
 Company : Myounghee Noh & Associates
 Address* : 99-1046 Iwaena St. Suite 210A
 Aiea, HI. 96701
 Phone / Cell No.* : 808-484-9214
 Purchase Order No. :
 Email Invoice To : kealohi@noh-associates.com

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **2819_2 AQS - Team B** Client Project No.: **2819_2** Verbal results? Sampled By & Certif. #: **Kealohilani Serrao**

Special Instructions: **Please see field forms.** PLM POSITIVE STOP Instructions: + stop / SAMPLE + stop / LAYER

Lab Report No.:
202007444

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1 2819-B-P59A	Please see field forms	08/27/20	Paint Chips		Pb Lead	SW846 - 7000Bm	
2 2819-B-P59B	↓	↓	↓		↓	↓	
3 ↓							
4 2819-B-P77A	↓	↓	↓		↓	↓	
5 2819-B-P77B	↓	↓	↓		↓	↓	
6							
7							
8 2819-B-P79A	Please see field forms	08/27/20	Paint Chips		Pb Lead	SW846 - 7000Bm	
9 2819-B-P79B	↓	↓	↓		↓	↓	
10 ↓							
11 2819-B-P82A	↓	↓	↓		↓	↓	
12 2819-B-P82B	↓	↓	↓		↓	↓	
Relinquished By (Print and Sign)		Date/Time		Received By (Print and Sign)		Date/Time	
Kealohilani Serrao		08/29/20 1200PM		Corin Forrest		08-31-20 P02:10 IN	

*Sample description can be paint chips, concrete, specific sample collection location, etc...

If matrix is 'soil', please specify if it is a FOREIGN SOIL SAMPLE (outside Hawaii) in the comment section.

All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.

*Required fields, failure to complete these fields may result in a delay in your samples being processed.

via HAC ; via USPS via drop box via FedEx via pick up
 awb#: 173-.....

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station**

Inspector Initials: **KS/JS**

Survey Dates and Times: **8/18 9am**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
48	W2	1	Wash 4	ceiling	w	P	M	GFP	100	

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819-B-P19 A	Wash 4	ceiling	2449	202044382
2819-B-P19 B	↓	↓		202044383

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
49	W2	1	Wash 4	walls	brown	P	cc blk	GFP	500	

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819-B-P20 A	Wash 4	wall	2450	202044384
2819-B-P20 B	↓	↓		202044385

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
50	W2	1	Wash 4	door frame, door	w	P	w	GFP	10	

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819-B-P21 A	Wash 4	door	2452	202044386
2819-B-P21 B	↓	door frame		202044387

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
51	W2	ext	wash 4	walls	w	p	cc block	(F)P	600	—
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P22 A		wash 4		wall 202044388		2453				
2819-B-P22 B		↓		↓ 202044389						
52	W2	ext	wash 4	divider	hese	p	w	(F)P	50	—
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P23 A		wash 4		divider 202044390		2454				
2819-B-P23 B		↓		↓ 202044391						
53	W2	ext	wash 4	wall	w	p	cc	(F)P	200	—
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P24 A		wash 4		wall 202044392		2455				
2819-B-P24 B		↓		↓ 202044393						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <u>Sq. ft or L. ft</u>	Hatch Color
54	W2	ext	Wash 4	wall	green	P	CC	GFP	5	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P25 A		Wash 4		wall		0456	202044394			
2819 - B - P25 B		↓		↓			202044395			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <u>Sq. ft or L. ft</u>	Hatch Color
55	W2	ext	Wash 4	wall	pink	P	CC	GFP	20	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P26 A		Wash 4		wall		0457	202044396			
2819 - B - P26 B		↓		↓			202044397			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <u>Sq. ft or L. ft</u>	Hatch Color
56	W2	ext	Wash 4	wall	pink	P	CC block	GFP	10	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P27 A		Wash 4		wall		0458	202044398			
2819 - B - P27 B		↓		↓			202044399			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
85	Admin	1	EXT	beams, conduits, doors door frames, gates elevator, railing	beige	P	M	G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P51 A		EXT ↓		door frame ↓		2512	202044400			
2819 - B - P51 B							202044401			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
86	Admin	1	EXT	walls, ceilings	beige	P	textured CC	G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P52 A		EXT ↓		wall ↓		2514	202044402			
2819 - B - P52 B							202044403			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
87	Admin	1	EXT	walls	beige	P	CC block	G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P53 A		EXT ↓		wall ↓		2515	202044404			
2819 - B - P53 B							202044405			




Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
88	Admin	1	Ext	Gutter, screen	tan	P	M	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P54A		Ext ↓		gutter ↓		2516		202044406		
2819-B-P54B								202044407		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
89	Admin	1	Ext	Window frames door, door frame	black	P	M	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P/A		/		/		2518		baked on paint, no sample Assume LCP		
2819-B-P/B										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
90	Admin	1	Ext	poles, corner cover station	yellow	P	M	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P55A		Ext ↓		pole ↓		2521		202044408		
2819-B-P55B								202044409		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
91	Admin	1		ext railings	W	P	M	G (F) P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P 56A		ext ↓		railing ↓		2522		202044410		
2819-B-P 56B								202044411		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
92	Admin	1		ext window sill	beige	P	CC	G (F) P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P 57A		ext ↓		window sill ↓		2523		202044412		
2819-B-P 57B								202044413		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
93	Admin	1		ext ceiling slats	brown	P	W	G (F) P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P 58A		ext ↓		slats ↓		2524				
2819-B-P 58B										

↑ delete this HM, slats were not painted. (93)

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: _____ Survey Dates and Times: _____

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
94	Admin	I	Ext	railling	black	P	M	G/F P		—
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P 59 A		ext ↓		railling ↓		2525	202044414			
2819 - B - P 59 B							202044415			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
95	Admin	I	Ext	wall	w	P	CC block	G/F P		—
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P 60 A		ext ↓		wall ↓		2526	202044416			
2819 - B - P 60 B							202044417			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
96	Admin	I	Ext	stairs	w	P	CC	G/F P		—
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P 61 A		ext ↓		stair ↓		2527	202044418			
2819 - B - P 61 B							202044419			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station**

Inspector Initials: **KSIDF**

Survey Dates and Times: **8/24 3PM**



HM ID	Building	Type Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area (Sq. ft or L. ft)	Hatch Color
97	C	2	Cat 2 Int.	ceiling, columns, walls, poles	green	paint	M	G F (P)	1000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P62A		Cat 2		column		2548	202044420			
2819 - B - P62B		↓		wall			202044421			
98	C	2	Cat 2 Int.	Shelves	white	paint	W	G F (P)	500	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P63A		Cat 2		shelf		2541	202044422			
2819 - B - P63B		↓		↓			202044423			
99	C	Ext.	Cat 2	walls	white	paint	M	G F (P)	4000	
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P64A		Cat 2		wall		2540	202044424			
2819 - B - P64B		↓		↓			202044425			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: JB/KS

Survey Dates and Times: 8/25 1:50 PM

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
P71	Admin	1	Dispensary, Vet 2, Str 3, Vet 1 Office 3, Office 1, Office 2 Str 2, Str 1, Break Rm	wall	W	P	DW	Ⓞ F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P65A		Break Rm.		Wall			202044426			
2819-B-P65B		Break Rm.		Ceiling		2550	202044427			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
			men labor Rm, Str 7, office 5, womens RR, womens RR, Janitor							
P72	Admin	1	Dispensary, Vet 2, Str 3, Vet 1 Office 3, Office 1, Office 2 Office 4, Break Rm, Kitchen Str 5, hallway, Str 6, boiler Rm	wall	W	P	CC block	Ⓞ F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P66A		Kitchen		Wall			202044428			
2819-B-P66B		Boiler Room		↓		2551	202044429			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
P73	Admin	1	Dispensary	wall	Gray	P	CC block	Ⓞ F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P67A		Dispensary		Wall			202044430			
2819-B-P67B		↓		↓		2552	202044431			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: _____ Survey Dates and Times: _____

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
174	Admin	1	Dispensary	door, door frame	gray	P	M	G ^(F) P		/
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P68A		dispensary		door		2556		202044432		
2819-B-P68B		↓		door frame				202044433		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
175	Admin	1	Vet 2, vet 1, Office 1 office 2, office 4, ARS	window frame, door, frame	W	P	W	G ^(F) P		/
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P69A		storage 5		window frame		2558		202044434		
2819-B-P69B		Vet office 2		window frame				202044435		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
176	Admin	1	Vet 2, vet 1, stairs office 4, women locker Rm Men Locker Rm	door frame door	W	P	M	G ^(F) P		/
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P70A		Women's Locker Rm.		door		2559		202044436		
2819-B-P70B		Men's Locker Rm.		door frame				202044437		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: _____ Survey Dates and Times: _____

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
177	Admin	1	str 3, office 3 , office 3 str 2, str 1, str 4, boiler room hallway, str 6, boiler room Janitor, str 7, women's re, mens re,	door, door frame elec panel, conduits pipes	yellow beige	P	M	G (F) P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P71A		Janitor		door frame		0560	202044438			
2819-B-P71B		Boiler Room		↓			202044439			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
178	Admin	1	office 3, str 2, str 7 str 4, hallway	door, door frame	beige	P	W	G (F) P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P72A		Office 3		door frame		0561	202044440			
2819-B-P72B		str 4		door			202044441			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
179	Admin	1	str 4 Storage #1	wall	beige	P	DW	G (F) P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P73A		Storage 4		Wall		1568	202044442			
2819-B-P73B		Storage 4		Wall			202044443			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: _____ Survey Dates and Times: _____

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
180	Admin	2	Office 1, office 2	wall	w	P	PW	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P74 A		Office 1		wall		2564	202044444			
2819-B-P74 B		Office 1		wall			202044445			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
181	Admin	2	Office 1, office 2	wall	w	P	cc block	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P75 A		Office 2		wall		2565	202044446			
2819-B-P75 B		Office 1		↓			202044447			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
182	Admin	2	Office 1, office 2	door frame	w	P	M	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P76 A		Office 2		door frame		2568	202044448			
2819-B-P76 B		Office 1		↓			202044449			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station



Inspector Initials:

Survey Dates and Times:

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
183	Admin	2	Office I, office 2	door, door frame	W	P	W	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P77A		office I		door frame		J569		202044450		
2819-B-P77B		office 2		door				202044451		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
184	Admin	2	office I,	door	black	P	W	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P77A						J570		Painted on paint, No Sample		
2819-B-P77B								Assume LCP		
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
185	Admin	1	Stairs	floor	10" x 10"	12" x 12"	CE	(G) F P		
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819-B-P78A						J571				
2819-B-P78B										

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

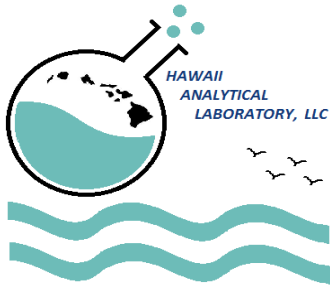
Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: _____ Survey Dates and Times: _____

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
192	Admin	1	Kitchen, Hallway, STS Boiler Room, Womn Locker Room Men Locker Room, mens RR, WOMENS RR	Wall	W	textured Paint	plaster CC	G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 79 A		Kitchen		Wall		2572	202044452			
2819-B-P 79 B		Men's RR		Wall			202044453			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
193	Admin	1	Womn Locker Room Men Locker Room	Floor	gray	textured P	CC	G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 80 A		WOMENS Locker room		Floor		2577	202044454			
2819-B-P 80 B		Men's Locker Room		↓			202044455			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
194	Admin	1	EXT	Roof	white	coating	M	G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-B-P 81 A		EXT		ROOF			202044456			
2819-B-P 81 B		↓		↓			202044457			

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: _____ Survey Dates and Times: _____

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
195	Admin	1	Ext.	Roof	Beige	Paint	M	(G) F P		///
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P 82A		EXT.		ROOF			202044458			
2819 - B - P 82B		↓		↓			202044459			
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
								G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P A										
2819 - B - P B										
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
								G F P		
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - B - P A										
2819 - B - P B										



Hawaii Analytical Laboratory ANALYTICAL REPORT

Friday, September 4, 2020

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Phone Number: (808) 484-9214
Facsimile:
Email: myounghee@noh-associates.com

Lab Job No: 202007467
Date Submitted: 9/1/2020
Your Project: 2819_2, Animal Quarantine Station, 8/28/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044596	2819-A-P1A	160	mg/kg	9/1/2020
Comments				
202044597	2819-A-P1B	110	mg/kg	9/1/2020
Comments				
202044598	2819-A-P2A	140	mg/kg	9/1/2020
Comments				
202044599	2819-A-P2B	130	mg/kg	9/1/2020
Comments				
202044600	2819-A-P3A	170	mg/kg	9/1/2020
Comments				
202044601	2819-A-P3B	120	mg/kg	9/1/2020
Comments				
202044602	2819-A-P4A	< 40	mg/kg	9/1/2020
Comments				
202044603	2819-A-P4B	< 40	mg/kg	9/1/2020
Comments				
202044604	2819-A-P5A	43	mg/kg	9/1/2020
Comments				

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Lab Job No: 202007467
Date Submitted: 9/1/2020
Your Project: 2819_2, Animal Quarantine Station, 8/28/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044605	2819-A-P5B	< 40	mg/kg	9/1/2020
Comments				
202044606	2819-A-P6A	170	mg/kg	9/1/2020
Comments				
202044607	2819-A-P6B	150	mg/kg	9/1/2020
Comments				
202044608	2819-A-P7A	< 40	mg/kg	9/1/2020
Comments				
202044609	2819-A-P7B	< 40	mg/kg	9/1/2020
Comments				
202044610	2819-A-P8A	< 40	mg/kg	9/2/2020
Comments				
202044611	2819-A-P8B	< 40	mg/kg	9/2/2020
Comments				
202044612	2819-A-P9A	< 40	mg/kg	9/2/2020
Comments				
202044613	2819-A-P9B	< 40	mg/kg	9/2/2020
Comments				
202044614	2819-A-P10A	340	mg/kg	9/2/2020
Comments				
202044615	2819-A-P10B	390	mg/kg	9/2/2020
Comments				
202044616	2819-A-P11A	< 40	mg/kg	9/2/2020
Comments				

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Date Submitted: 9/1/2020
Your Project: 2819_2, Animal Quarantine Station, 8/28/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044617	2819-A-P11B	< 40	mg/kg	9/2/2020
Comments				
202044618	2819-A-P12A	< 40	mg/kg	9/2/2020
Comments				
202044619	2819-A-P12B	< 40	mg/kg	9/2/2020
Comments				
202044620	2819-A-P13A	160	mg/kg	9/2/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202044621	2819-A-P13B	99	mg/kg	9/2/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202044622	2819-A-P14A	38000	mg/kg	9/3/2020
Comments				
202044623	2819-A-P14B	37000	mg/kg	9/3/2020
Comments				
202044624	2819-A-P15A	74000	mg/kg	9/3/2020
Comments				
202044625	2819-A-P15B	73000	mg/kg	9/3/2020
Comments				
202044626	2819-A-P16A	40000	mg/kg	9/3/2020
Comments				
202044627	2819-A-P16B	43000	mg/kg	9/3/2020
Comments				
202044628	2819-A-P17A	420	mg/kg	9/3/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				

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Lab Job No: 202007467
Date Submitted: 9/1/2020
Your Project: 2819_2, Animal Quarantine Station, 8/28/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044629	2819-A-P17B	470	mg/kg	9/3/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202044630	2819-A-P18A	74000	mg/kg	9/3/2020
Comments				
202044631	2819-A-P18B	69000	mg/kg	9/3/2020
Comments				
202044632	2819-A-P19A	74	mg/kg	9/3/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202044633	2819-A-P19B	100	mg/kg	9/3/2020
Comments	Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.			
202044634	2819-A-P20A	< 40	mg/kg	9/3/2020
Comments				
202044635	2819-A-P20B	< 40	mg/kg	9/3/2020
Comments				
202044636	2819-A-P21A	< 40	mg/kg	9/3/2020
Comments				
202044637	2819-A-P21B	< 40	mg/kg	9/3/2020
Comments				
202044638	2819-A-P23A	< 40	mg/kg	9/3/2020
Comments				
202044639	2819-A-P23B	< 40	mg/kg	9/3/2020
Comments				
202044640	2819-A-P24A	< 40	mg/kg	9/3/2020
Comments				

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Lab Job No: 202007467
Date Submitted: 9/1/2020
Your Project: 2819_2, Animal Quarantine Station, 8/28/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044641	2819-A-P24B	< 40	mg/kg	9/3/2020
Comments				
202044642	2819-A-P25A	2500	mg/kg	9/3/2020
Comments				
202044643	2819-A-P25B	2400	mg/kg	9/3/2020
Comments				
202044644	2819-A-P26A	< 40	mg/kg	9/3/2020
Comments				
202044645	2819-A-P26B	< 40	mg/kg	9/3/2020
Comments				
202044646	2819-A-P27A	< 40	mg/kg	9/3/2020
Comments				
202044647	2819-A-P27B	< 40	mg/kg	9/3/2020
Comments				
202044648	2819-A-P28A	1600	mg/kg	9/3/2020
Comments				
202044649	2819-A-P28B	1800	mg/kg	9/3/2020
Comments				
202044650	2819-A-P29A	580	mg/kg	9/3/2020
Comments				
202044651	2819-A-P29B	530	mg/kg	9/3/2020
Comments				
202044652	2819-A-P30A	510	mg/kg	9/3/2020
Comments				

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Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044653	2819-A-P30B	460	mg/kg	9/3/2020
Comments				
202044654	2819-A-P31A	1900	mg/kg	9/3/2020
Comments				
202044655	2819-A-P31B	250	mg/kg	9/3/2020
Comments				
202044656	2819-A-P32A	2000	mg/kg	9/3/2020
Comments				
202044657	2819-A-P32B	2000	mg/kg	9/3/2020
Comments				
202044658	2819-A-P33A	1000	mg/kg	9/3/2020
Comments				
202044659	2819-A-P33B	900	mg/kg	9/3/2020
Comments				
202044660	2819-A-P34A	91	mg/kg	9/3/2020
Comments				
202044661	2819-A-P34B	100	mg/kg	9/3/2020
Comments				
202044662	2819-A-P35A	25000	mg/kg	9/3/2020
Comments				
202044663	2819-A-P35B	19000	mg/kg	9/3/2020
Comments				
202044664	2819-A-P36A	< 40	mg/kg	9/3/2020
Comments				

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Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044665	2819-A-P36B	< 40	mg/kg	9/3/2020
Comments				
202044666	2819-A-P37A	160000	mg/kg	9/3/2020
Comments				
202044667	2819-A-P37B	240000	mg/kg	9/3/2020
Comments				
202044668	2819-A-P38A	38000	mg/kg	9/3/2020
Comments				
202044669	2819-A-P38B	35000	mg/kg	9/3/2020
Comments				
202044670	2819-A-P39A	1100	mg/kg	9/3/2020
Comments				
202044671	2819-A-P39B	3800	mg/kg	9/3/2020
Comments				
202044672	2819-A-P40A	93	mg/kg	9/3/2020
Comments				
202044673	2819-A-P40B	68	mg/kg	9/3/2020
Comments				
202044674	2819-A-P41A	< 40	mg/kg	9/3/2020
Comments				
202044675	2819-A-P41B	< 40	mg/kg	9/3/2020
Comments				
202044676	2819-A-P42A	860	mg/kg	9/3/2020
Comments				

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Lab Job No: 202007467
Date Submitted: 9/1/2020
Your Project: 2819_2, Animal Quarantine Station, 8/28/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044677	2819-A-P42B	930	mg/kg	9/3/2020
Comments				
202044678	2819-A-P43A	< 40	mg/kg	9/3/2020
Comments				
202044679	2819-A-P43B	< 40	mg/kg	9/3/2020
Comments				
202044680	2819-A-P44A	210	mg/kg	9/3/2020
Comments				
202044681	2819-A-P44B	75	mg/kg	9/3/2020
Comments				
202044682	2819-A-P45A	< 40	mg/kg	9/3/2020
Comments				
202044683	2819-A-P45B	< 40	mg/kg	9/3/2020
Comments				
202044684	2819-A-P46A	< 40	mg/kg	9/3/2020
Comments				
202044685	2819-A-P46B	< 40	mg/kg	9/3/2020
Comments				
202044686	2819-A-P47A	53	mg/kg	9/3/2020
Comments				
202044687	2819-A-P47B	46	mg/kg	9/3/2020
Comments				
202044688	2819-A-P48A	2300	mg/kg	9/3/2020
Comments				

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Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044689	2819-A-P48B	2400	mg/kg	9/3/2020
Comments				
202044690	2819-A-P49A	140000	mg/kg	9/3/2020
Comments				
202044691	2819-A-P49B	140000	mg/kg	9/3/2020
Comments				
202044692	2819-A-P50A	< 40	mg/kg	9/3/2020
Comments				
202044693	2819-A-P50B	96	mg/kg	9/3/2020
Comments				
202044694	2819-A-P51A	39000	mg/kg	9/3/2020
Comments				
202044695	2819-A-P51B	41000	mg/kg	9/3/2020
Comments				
202044696	2819-A-P52A	7300	mg/kg	9/3/2020
Comments				
202044697	2819-A-P52B	5800	mg/kg	9/3/2020
Comments				
202044698	2819-A-P53A	2800	mg/kg	9/3/2020
Comments Sample limited (<0.25g), final volume was adjusted to meet client's requested DL.				
202044699	2819-A-P53B	11000	mg/kg	9/3/2020
Comments				
202044700	2819-A-P54A	340	mg/kg	9/3/2020
Comments				

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Your Project: 2819_2, Animal Quarantine Station, 8/28/20

Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044701	2819-A-P54B	650	mg/kg	9/3/2020
Comments				
202044702	2819-A-P55A	83	mg/kg	9/4/2020
Comments				
202044703	2819-A-P55B	93	mg/kg	9/4/2020
Comments				
202044704	2819-A-P56A	< 40	mg/kg	9/4/2020
Comments				
202044705	2819-A-P56B	40	mg/kg	9/4/2020
Comments				
202044706	2819-A-P57A	110	mg/kg	9/4/2020
Comments				
202044707	2819-A-P57B	110	mg/kg	9/4/2020
Comments				
202044708	2819-A-P58A	800	mg/kg	9/4/2020
Comments				
202044709	2819-A-P58B	700	mg/kg	9/4/2020
Comments				
202044710	2819-A-P59A	110	mg/kg	9/4/2020
Comments				
202044711	2819-A-P59B	86	mg/kg	9/4/2020
Comments				
202044712	2819-A-P60A	< 40	mg/kg	9/4/2020
Comments				

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Lead, total (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Sample ID / Description	Results	Units	Date Analyzed
202044713	2819-A-P60B	< 40	mg/kg	9/4/2020
Comments				
202044714	2819-A-P61A	< 40	mg/kg	9/4/2020
Comments				
202044715	2819-A-P61B	< 40	mg/kg	9/4/2020
Comments				
202044716	2819-A-P62A	< 40	mg/kg	9/4/2020
Comments				
202044717	2819-A-P62B	< 40	mg/kg	9/4/2020
Comments				
202044718	2819-A-P63A	< 40	mg/kg	9/4/2020
Comments				
202044719	2819-A-P63B	< 40	mg/kg	9/4/2020
Comments				
202044720	2819-A-P64A	< 40	mg/kg	9/4/2020
Comments				
202044721	2819-A-P64B	< 40	mg/kg	9/4/2020
Comments				

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2005. AIHA is a NLLAP recognized accrediting body. Controlled doc.: Lead Report, rev. 3 – 20181015

Ms. Myounghee Noh
Myounghee Noh & Associates, LLC
99-1046 Iwaena St. Suite 210A
Aiea HI 96701

Phone Number: (808) 484-9214
Facsimile:
Email: myounghee@noh-associates.com

Lab Job No: 202007467
Date Submitted: 9/1/2020
Your Project: 2819_2, Animal Quarantine Station, 8/28/20

All Quality Control data are acceptable unless otherwise noted.

MRL for lead air is 5ug.

MRL for lead wipe is 10ug.

MRL for lead paint or soil is 40 mg/kg for a 0.25g sample.

General Comments

The sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. Modifications to this methodology may have been made based upon the analyst's professional judgment and / or sample matrix effects encountered. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. All analysts participate in interlaboratory quality control testing to continuously document proficiency. This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report should not be construed as an endorsement for a product or a service by the AIHA LAP, LLC or any affiliated organizations. Sample and associated sampling / collection data is reported as provided by client. TWA values have been calculated based on information supplied by the client that the laboratory has not independently verified. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable.

Results and Symbols Definitions

> This testing result is greater than the numerical value listed.

< This testing result is less than the numerical value listed.

= Analytical methods marked with an "#" are not within our AIHA LAP, LLC Scope of Accreditation.

MRL = Method Reporting Limit.



Eva Skogsberg
Laboratory Manager

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New Client?

Report To* : Kealohi Serrao, Danny Falanug
 Company : Myounghee Noh & Associates, L.L.C.
 Address* : 99-1046 Iwaena Street, Suite 201A
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 Phone / Cell No.* : Direct:808-484-9214, Cell: 808-227-7730
 Report results to : Kealohi Serrao <Kealohi@noh-associates.com>
 via email or fax : Danny Falanug <danny@noh-associates.com>

Invoice To* : Myounghee Noh & Associates, L.L.C.
 Company : Same
 Address* : 99-1046 Iwaena Street, Suite 201A
 Aiea, Hawaii 96701
 Phone / Cell No.* : Office: (808) 484-9214
 Purchase Order No. : 02819_2
 Email Invoice To : Kealohi Serrao <Kealohi@noh-associates.com>

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

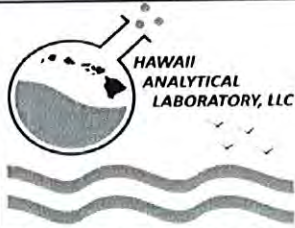
Comments / Special Instructions: **SKIP NO. 2819-A-P22A, P22B** verbal results needed?
 Please see field forms and results down to 40 mg/kg.
 PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER
LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P1A	08/28/20	Paint Chips	—————	Pb Lead	SW846 - 7000Bm	202044596
2 -A-P1B						202044597
3 -A-P2A						202044598
4 -A-P2B						202044599
5 -A-P3A						202044600
6 -A-P3B						202044601
7 -A-P4A						202044602
8 -A-P4B						202044603
9 -A-P5A						202044604
10 -A-P5B						202044605
11 -A-P6A						202044606
12 ✓ -A-P6B						202044607

Relinquished By (Print and Sign) Danny Falanug, [Signature]	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin	Date/Time 09-01-20 11:21 IN
---	-------------------------------------	---	---------------------------------------

Sample description can be paint chips, concrete, specific sample collection location, etc...
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 Phone / Cell No.* : Office: (808) 484-9214
 Purchase Order No. : 02819_2
 Email Invoice To : Kealohi Serrao <Kealohi@noh-associates.com>

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed?
 Please see field forms and results down to 40 mg/kg.

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P7A	08/28/20	Paint Chips		Pb Lead	SW846 - 7000Bm	202044608
2 -A-P7B						202044609
3 -A-P8A						202044610
4 -A-P8B						202044611
5 -A-P9A						202044612
6 -A-P9B						202044613
7 -A-P10A						202044614
8 -A-P10B						202044615
9 -A-P11A						202044616
10 -A-P11B						202044617
11 -A-P12A						202044618
12 -A-P12B						202044619

Relinquished By (Print and Sign) <i>Danny Falanug, V. Myounghee Noh</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin <i>Anne Antin</i>	Date/Time 09-01-20 A10:22 IN
--	------------------------------	---	---------------------------------

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- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
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- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed? **Please see field forms and results down to 40 mg/kg.**

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P13A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044620
2 -A-P13B						202044621
3 -A-P14A						202044622
4 -A-P14B						202044623
5 -A-P15A						202044624
6 -A-P15B						202044625
7 -A-P16A						202044626
8 -A-P16B						202044627
9 -A-P17A						202044628
10 -A-P17B						202044629
11 -A-P18A						202044630
12 -A-P18B						202044631

Relinquished By (Print and Sign) <i>Danny Falanug, Amy Selmanis</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin	Date/Time 09-01-20 A10:22 IN
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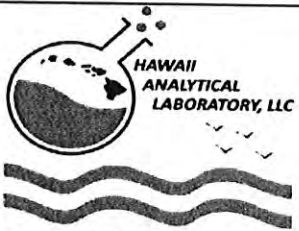
Sample description can be paint chips, concrete, specific sample collection location, etc...

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 via email or fax : Danny Falanug <danny@noh-associates.com>

Invoice To* : Myounghee Noh & Associates, L.L.C.
 Company : Same
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 Phone / Cell No.* : Office: (808) 484-9214
 Purchase Order No. : 02819_2
 Email Invoice To : Kealohi Serrao <Kealohi@noh-associates.com>

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions:
 SKIP NO. 2819-A-P22A, P22B verbal results needed?
 Please see field forms and results down to 40 mg/kg.

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P19A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044632
2 -A-P19B						202044633
3 -A-P20A						202044634
4 -A-P20B						202044635
5 -A-P21A						202044636
6 -A-P21B						202044637
7 -A-P23A						202044638
8 -A-P23B						202044639
9 -A-P24A						202044640
10 -A-P24B						202044641
11 -A-P25A						202044642
12 ✓ -A-P25B						202044643

Relinquished By (Print and Sign) <i>Danny Falanug, Danny Falanug</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin <i>Anne Antin</i>	Date/Time 09-01-20 10:22 IN
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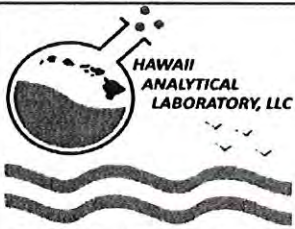
Sample description can be paint chips, concrete, specific sample collection location, etc...

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 Company : Same
 Address* : 99-1046 Iwaena Street, Suite 201A
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 Phone / Cell No.* : Office: (808) 484-9214
 Purchase Order No. : 02819_2
 Email Invoice To : Kealohi Serrao <Kealohi@noh-associates.com>

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed?
 Please see field forms and results down to 40 mg/kg.

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
2819-A-P26A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044644
-A-P26B						202044645
-A-P27A						202044646
-A-P27B						202044647
-A-P28A						202044648
-A-P28B						202044649
-A-P29A						202044650
-A-P29B						202044651
-A-P30A						202044652
-A-P30B						202044653
-A-P31A						202044654
-A-P31B						202044655

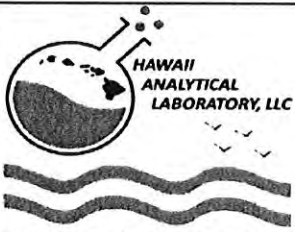
Relinquished By (Print and Sign) <i>Danny Falanug, Amy Selanig</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin	Date/Time 09-01-20 A10:22 IN
---	------------------------------	--	---------------------------------

Sample description can be paint chips, concrete, specific sample collection location, etc...

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Address* : 99-1046 Iwaena Street, Suite 201A
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Invoice To* : Myounghee Noh & Associates, L.L.C.
Company : Same
Address* : 99-1046 Iwaena Street, Suite 201A
Aiea, Hawaii 96701
Phone / Cell No.* : Office: (808) 484-9214
Purchase Order No. : 02819_2
Email Invoice To : Kealohi Serrao <Kealohi@noh-associates.com>

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed?
Please see field forms and results down to 40 mg/kg.

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
Lab Report No.:
202007467

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
2819-A-P32A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044656
-A-P32B						202044657
-A-P33A						202044658
-A-P33B						202044659
-A-P34A						202044660
-A-P34B						202044661
-A-P35A						202044662
-A-P35B						202044663
-A-P36A						202044664
-A-P36B						202044665
-A-P37A						202044666
-A-P37B						202044667

Relinquished By (Print and Sign) <i>Danny Falanug, Amy Adams</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin <i>Anne Antin</i>	Date/Time 09-01-20 A 10:22 IN
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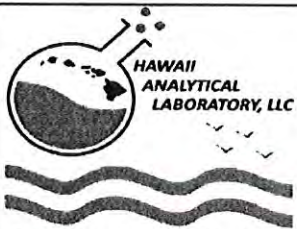
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Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed? **PLM POSITIVE STOP Instructions:**
 Positive stop per SAMPLE
 Positive stop per LAYER
LAB USE ONLY
 Lab Report No.: **202007467**

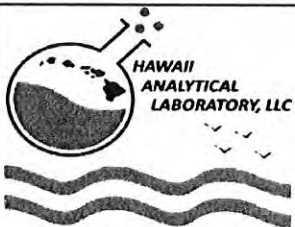
Please see field forms and results down to 40 mg/kg.

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P38A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044668
2 -A-P38B						202044669
3 -A-P39A						202044670
4 -A-P39B						202044671
5 -A-P40A						202044672
6 -A-P40B						202044673
7 -A-P41A						202044674
8 -A-P41B						202044675
9 -A-P42A						202044676
10 -A-P42B						202044677
11 -A-P43A						202044678
12 ✓ -A-P43B						202044679

Relinquished By (Print and Sign) <i>Danny Falanug, Amy Adams</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin <i>Anne Antin</i>	Date/Time 09-01-20 A10:22 IN
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Need Results By*:

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- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed?
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PLM POSITIVE STOP Instructions:
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 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

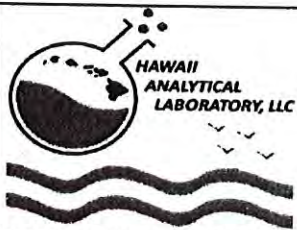
Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P44A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044680
2 -A-P44B						202044681
3 -A-P45A						202044682
4 -A-P45B						202044683
5 -A-P46A						202044684
6 -A-P46B						202044685
7 -A-P47A						202044686
8 -A-P47B						202044687
9 -A-P48A						202044688
10 -A-P48B						202044689
11 -A-P49A						202044690
12 -A-P49B						202044691

Relinquished By (Print and Sign): Danny Falanug, Amy Selmanis Date/Time: 8/31/2020, 1800

Received By (Print and Sign): Anne Antin Date/Time: 09-01-20 A10:22 IN

Sample description can be paint chips, concrete, specific sample collection location, etc...
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 Honolulu, HI 96816
 Ph: 808-735-0422 - Fax: 808-735-0047
 www.analyzehawaii.com

New Client?

Report To* : Kealohi Serrao, Danny Falanug
 Company : Myounghee Noh & Associates, L.L.C.
 Address* : 99-1046 Iwaena Street, Suite 201A
 Alea, Hawaii 96701
 Phone / Cell No.* : Direct:808-484-9214, Cell: 808-227-7730
 Report results to : Kealohi Serrao <Kealohi@noh-associates.com>
 via email or fax : Danny Falanug <danny@noh-associates.com>

Invoice To* : Myounghee Noh & Associates, L.L.C.
 Company : Same
 Address* : 99-1046 Iwaena Street, Suite 201A
 Alea, Hawaii 96701
 Phone / Cell No.* : Office: (808) 484-9214
 Purchase Order No. : 02819_2
 Email Invoice To : Kealohi Serrao <Kealohi@noh-associates.com>

Need Results By*:

- 5 Working Days (WD)
- 4 WD
- 3 WD
- 2 WD
- 24 hours
- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed?
 Please see field forms and results down to 40 mg/kg.

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P50A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044692
2 -A-P50B						202044693
3 -A-P51A						202044694
4 -A-P51B						202044695
5 -A-P52A						202044696
6 -A-P52B						202044697
7 -A-P53A						202044698
8 -A-P53B						202044699
9 -A-P54A						202044700
10 -A-P54B						202044701
11 -A-P55A						202044702
12 ✓ -A-P55B						202044703

Relinquished By (Print and Sign) <i>Danny Falanug, Amy LeDuff</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin <i>Anne Antin</i>	Date/Time 09-01-20 A10:22 IN
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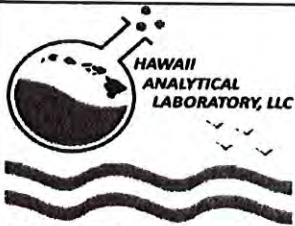
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- 3 WD
- 2 WD
- 24 hours
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- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station**

Client Project No.: **2819_2**

Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed?
 Please see field forms and results down to 40 mg/kg.

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P56A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044704
2 -A-P56B						202044705
3 -A-P57A						202044706
4 -A-P57B						202044707
5 -A-P58A						202044708
6 -A-P58B						202044709
7 -A-P59A						202044710
8 -A-P59B						202044711
9 -A-P60A						202044712
10 -A-P60B						202044713
11 -A-P61A						202044714
12 -A-P61B						202044715

Relinquished By (Print and Sign) <i>Danny Falanug, Amy Schamus</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) Anne Antin <i>Anne Antin</i>	Date/Time 09-01-20 A10:23 IN
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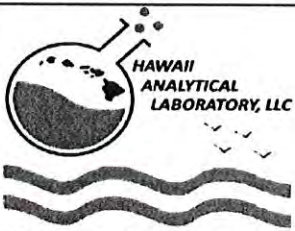
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Need Results By*:

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- 4 WD
- 3 WD
- 2 WD
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- 6 hours or less
- 4 hours or less
- 1-2 hours

Site/Project Name: **Animal Quarantine Station** Client Project No.: **2819_2** Sampled By: **Danny Falanug & Kealohi Serrao**

Comments / Special Instructions: verbal results needed?
 Please see field forms and results down to 40 mg/kg.

PLM POSITIVE STOP Instructions:
 Positive stop per SAMPLE
 Positive stop per LAYER

LAB USE ONLY
 Lab Report No.: **202007467**

Sample Identification / Description* (Maximum of 30 Characters)	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab ID
1 2819-A-P62A	08/28/20	Paint Chips	_____	Pb Lead	SW846 - 7000Bm	202044716
2 -A-P62B						202044717
3 -A-P63A						202044718
4 -A-P63B						202044719
5 -A-P64A						202044720
6 ↓ -A-P64B	↓	↓	↓	↓	↓	202044721
7						
8						
9						
10						
11						
12						

Relinquished By (Print and Sign) <i>Danny Falanug, Amy Adams</i>	Date/Time 8/31/2020, 1800	Received By (Print and Sign) <i>Anne Antin</i>	Date/Time 09-01-20 A10:23 IN
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Sample description can be paint chips, concrete, specific sample collection location, etc...

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Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/17/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
101	K-1	1	Exterior (Ext.)	Walls	off-white (o/w)	Paint (P)	Metal (M)	⊙ F P	120,640	Blue Carmine Red
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-A-P 1 A		Exterior		Walls		7417	1 Kennel equal 160 sq. ft.			
2819-A-P 1 B		Exterior		Walls						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
102	K-1	1	Interior	Walls, Roof underside	green	P	M	⊙ F P	150,800	Blue Blue
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-A-P 2 A		Interior		Walls		7419	1 Kennel equal 200 sq. ft.			
2819-A-P 2 B		Interior		Walls						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
103	K-1	R	Ext.	Roofing system	Beige	P	M	⊙ F P	82,940	Blue Terra Cotta
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-A-P 3 A		Exterior		Roofing system		7425	1 Kennel equal 110 sq. ft.			
2819-A-P 3 B		Exterior		Roofing system						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/17/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
106	K-3	1	Exterior (Ext.)	walls	o/w	P	M	G F P	10,000	Blue
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-A-P 4 A		Exterior		Wall		7436	1 kennel equal 826 sq. ft.			
2819-A-P 4 B		Exterior		Wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
107	K-3	1	Interior	walls, roof underside	Lt. Green	P	M	G F P	15,400	Carmin Red
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-A-P 5 A		Interior		Wall		7432	1 Kennel equal 1,283 sq. ft.			
2819-A-P 5 B		Interior		Roof underside						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
108	K-3	B	Ext.	Roofing system	Beige	P	M	G F P	5,500	Terra Cotta
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819-A-P 6 A		Ext.		Roofing system		7438	1 Kennel equal 457 sq. ft.			
2819-A-P 6 B		Ext.		Roofing system						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/17/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
110	Electrical shed (ES)	1	Interior	Electrical Boxes	Lt. gray	P	M	G ⊕ P	40	/// green

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 7 A	Interior	Electrical Boxes	7454	
2819 - A - P 7 B	Interior	Electrical Boxes		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
111	ES	1	Exterior (Ext.)	walls, Eaves, purlins, doors	o/w	P	wood (w)	G ⊕ P	240	Blue

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 8 A	Exterior	Walls	7453	
2819 - A - P 8 B	Exterior	Walls		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
112	ES	1	Ext.	Flashing	o/w	P	M	G ⊕ P	40	vermillion

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 9 A	Exterior	Flashing	7452	
2819 - A - P 9 B	Exterior	Flashing		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: **DF** Survey Dates and Times: **8/17/2020**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <small>Sq. ft or L. ft</small>	Hatch Color
115	K-4	1	Interior	Walls, Roof underside	white	P	M	ⓐ F P	20,800	red Carmine red
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 10 A		Interior		Wall		7459	1 Kennel equal 200 sq.ft.			
2819 - A - P 10 B		Interior		Wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <small>Sq. ft or L. ft</small>	Hatch Color
116	K-4	1	Interior	Floor	O/W	P	Concrete	G ⓐ P	4,160	red green
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 11 A		Interior		Floor		7460	1 Kennel equal 40 sq.ft.			
2819 - A - P 11 B		Interior		Floor						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <small>Sq. ft or L. ft</small>	Hatch Color
117	K-4	1	Exterior (Ext.)	Walls	O/W	P	M	ⓐ F P	16,640	red Blue
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 12 A		Exterior		Walls		7464 or 7461	1 Kennel equal 160 sq.ft.			
2819 - A - P 12 B		Exterior		Walls						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/17/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
118	K-4	R	Ext.	Roofing system	Beige	P	M	G F P	11,440	 Terra Cotta

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 13 A	Ext.	Roofing system	7463	1 Kennel equal 110 sq.ft.
2819 - A - P 13 B	Ext.	Roofing system		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
120	K-5	1	Ext.	walls	Lt. blue	P	M	G F P	5,760	Lt. blue

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 14 A	Ext.	wall	7469	1 Kennel equal 120 sq.ft.
2819 - A - P 14 B	Ext.	wall		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
121	K-5	1	Ext.	Roof underside	Yellow	P	M	G F P	4,608	yellow

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 15 A	Ext.	Roof underside	7474	1 Kennel equal 96 sq.ft.
2819 - A - P 15 B	Ext.	Roof underside		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/18/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
123	K-6	1	Ext.	walls	Lt. blue	P	M	G F ⊕	9,840	Lt. blue
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 16 A		Ext.		Wall		7479	1 Kennel equal 120 sq. ft.			
2819 - A - P 16 B		Ext.		Wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
124	K-6	1	Ext.	Roof underside	White	P	M	⊕ F P	8,200	vermillion
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 17 A		Ext.		Roof underside		7480	1 Kennel equal 100 sq. ft.			
2819 - A - P 17 B		Ext.		Roof underside						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
125	K6	1	Ext.	Roof underside	Green	P	M	G F ⊕	6,560	yellow
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 18 A		Ext.		Roof underside		7481	1 Kennel equal 80 sq. ft.			
2819 - A - P 18 B		Ext.		Roof underside						


Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2


Location: Animal Quarantine Station

Inspector Initials: DF


Survey Dates and Times: 8/18/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
126	K-6	R	Ext.	Roofing system	Beige	P	M	G ⊕ P	8,200	 green

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 19 A	Ext.	Roofing system	7488	1 kennel equal 100 sq. ft.
2819 - A - P 19 B	Ext.	Roofing system		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
128	Duplix 1 (D-1)	1	Rm. 1, Rm. 2, Rm. 3, Rm. 4, RR. 1, RR. 2	Ceiling, walls	White	P	Drywall (DW)	G ⊕ P	3,800	 Blue

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 20 A	Rm. 1	Wall	7490	
2819 - A - P 20 B	Rm. 4	Wall		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
129	D-1	1	Rm. 1, Rm. 2, Rm. 3, Rm. 4, RR. 1, RR. 2	Doors, door frames, window frames, shelves,	White	P	wood	G ⊕ P	500	 Carnegie Red

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 21 A	room 3	window frame	7496	
2819 - A - P 21 B	room 4	door frame		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2**

Location: **Animal Quarantine Station**

Inspector Initials: **DF**

Survey Dates and Times: **8/19/2020**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
D-1	1		Rm. 1, Rm. 3	walls	Lt. brown	P	DW	GFP		Brown

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819-A-P22A	DF	DF		No paint. It's plastic
2819-A-P22B				

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
130	D-1	1	Exterior (Ext.)	Eaves, Purins, walls	Beige	P	wood (w)	GFP	1,600	Green

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819-A-P23A	ext wall	ext wall	7507	
2819-A-P23B	↓	↓		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
131	D-1	1	Ext.	Door frames, window frames, window trims, fascia,	Lt. blue	P	W	GFP	400	Purple


Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819-A-P24A	ext	Window frame	7507	
2819-A-P24B	↓	door frame		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint


Project Number: 2819 2 Location: Animal Quarantine Station

Inspector Initials: DP


Survey Dates and Times: 8/20/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <u>Sq.</u> ft or L. ft	Hatch Color
141	K-7	1	Exterior (Ext.)	Walls, Roof underside	Green	P	M	G ⊕ P	5,200	 green

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 25 A	Ext.	Wall	7520	1 kennel equal 200 sq. ft.
2819 - A - P 25 B	Ext.	Roof underside		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <u>Sq.</u> ft or L. ft	Hatch Color
143	Water Shed (WS)	1	Interior	Walls	White	P	CC black	⊕ F P	500	 vermilion

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 26 A	Interior	Wall	7539	
2819 - A - P 26 B	Interior	Wall		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area <u>Sq.</u> ft or L. ft	Hatch Color
144	WS	1	Interior	ceiling, walls	White	P	CC	⊕ F P	300	 green

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 27 A	Interior	Wall	7538	
2819 - A - P 27 B	Interior	Ceiling		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station**

Inspector Initials: **DF**

Survey Dates and Times: **8/20/2020**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
145	WS	1	Interior	Doors, door frame, window frames, Louvers	Pink	P	M	G _F P	100	yellow
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 28 A		Interior		Door		7540				
2819 - A - P 28 B		Interior		Louver						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
149	WS	1	Exterior (Ext.)	Walls	White	P	CC block	G _F P	500	Blue
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 29 A		Exterior		Wall		7544				
2819 - A - P 29 B		Exterior		Wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
150	WS	1	Ext.	Walls, eaves, Ceiling	White	P	Concrete (CC)	G _F P	200	Purple
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 30 A		Exterior		Wall		7546				
2819 - A - P 30 B		Exterior		Ceiling						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station**

Inspector Initials: **DF**

Survey Dates and Times: **8/20/2020**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
151	WS	1	Ext.	Doors	Pink	P	M	G ⊕ P	60	Red

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 31 A	Exterior	Door	7544	
2819 - A - P 31 B	Exterior	Door		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
152	WS	1	Ext.	Door frame, flashing, Louvers, window frames	Lt. Green	P	M	G ⊕ P	80	Brown

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 32 A	Exterior	Window frame	7545	
2819 - A - P 32 B	Exterior	Louver		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
153	WS	1	Ext.	Window ledges	Lt. green	P	CC	G ⊕ P	20	Lt. blue

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 33 A	Exterior	window ledge	7545	
2819 - A - P 33 B	Exterior	Window ledge		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/24/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
197	MS	1	Exterior (Ext.)	walls	white (w)	Paint (P)	Concrete block (cc block)	G ⊕ P	10,550	sky Blue
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 34 A		Ext.		Wall		7578	MS = Maintenance Shop			
2819 - A - P 34 B		Ext.		Wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
198	MS	1	Ext.	walls	Yellow	P	CC block	G ⊕ P	20	yellow
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 35 A		Ext.		Wall		7579				
2819 - A - P 35 B		Ext.		Wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
199	MS	1	Ext.	downspouts, window ledges Roof underside, walls, eaves, roll-up doors, sliding doors, roll-up door frames, gutters,	off-white (o/w)	P	Metal (M)	G ⊕ P	17,000	vermillion
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 36 A		Ext.		Roll-up door frame		7580				
2819 - A - P 36 B		Ext.		Roll-up door						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/24/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area (Sq. ft or L. ft)	Hatch Color
200	MS	1	Ext.	Purlins, Conduits, H-beams, electrical boxes	W	P	M	G F P	5,000	green
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P37 A		Ext.		H-beam		7582				
2819 - A - P37 B		Ext.		H-beam						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area (Sq. ft or L. ft)	Hatch Color
201	MS	1	Ext.	H-beams, hand rail, Corner trims, Gate,	Yellow	P	M	G F P	100	purple
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P38 A		Ext.		H-beam		7582				
2819 - A - P38 B		Ext.		corner trim						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area (Sq. ft or L. ft)	Hatch Color
202	MS	1	Ext.	Doors, door frames,	Lt. gray	P	M	G F P	120	brown
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P39 A		Ext.		Door		7581				
2819 - A - P39 B		Ext.		Door frame						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/24/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
203	MS	1	Ext.	Parking lanes	W	P	Asphalt	G ⊕ P	40	Lt. blue
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - A - P40 A		Ext.		Parking lane		7584				
2819 - A - P40 B		Ext.		Parking lane						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
204	MS	1	Ext.	Window ledges	W	P	Concrete	G ⊕ P	40	golden yellow
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - A - P41 A		Ext.		window ledge		7588				
2819 - A - P41 B		Ext.		window ledge						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
205	MS	1	Ext.	Curb	Yellow	P	Concrete	G ⊕ P	20	Violet
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - A - P42 A		Ext.		Curb		7590				
2819 - A - P42 B		Ext.		Curb						

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Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819_2 Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/24/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
206	MS	I	Ext.	Roof underside	Green	P	M	G ⊕ P	20	/// Teal
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 43 A		Ext		Roof underside		7591				
2819 - A - P 43 B		Ext		Roof underside						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
207	MS	I	Ext.	Curb	Blue	P	Concrete	G ⊕ P	20	/// Mango
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 44 A		Ext.		Curb		7595				
2819 - A - P 44 B		Ext.		Curb						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
208	MS	R	Ext.	Roofing System	W	P	M	G ⊕ P	10,200	/// Cool Gray
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 45 A		Ext.		Roofing System		7594				
2819 - A - P 45 B		Ext.		Roofing System						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/25/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
209	MS	A	Ext.	Roofing system	W	Coating	M	G F P	200	bronge yellow
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 46A		Ext.		Roofing system		7598				
2819 - A - P 46B		Ext.		Roofing system						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
216	MS	1	Restroom, warehouse, storage	walls	O/W	P	CC block	G F P	4,000	orange
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 47A		warehouse		wall		7602				
2819 - A - P 47B		warehouse		wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
217	MS	1	Restroom, warehouse, storage, Room 1,	Roof underside, walls	Lt. gray	P	M	G F P	7,000	golden yellow
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 48A		warehouse		wall		7603				
2819 - A - P 48B		warehouse		wall						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/25/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
218	MS	1	Restroom, warehouse, storage, Plenum	Doors, door frames, H-beams, Purlins, Trims,	o/w	P	M	G ⊕ P	3,000	SKT blue

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 49 A	Warehouse	Door frame	7603	
2819 - A - P 49 B	warehouse	H-beam		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
220	MS	1	warehouse, storage	Floor, wall	W	P	Concrete (cc)	G ⊕ P	80	Navy blue

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 50 A	Warehouse	Floor	7608	
2819 - A - P 50 B	warehw	Floor		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
221	MS	1	warehouse, storage	Floor	Yellow	P	CC	G ⊕ P	800	gold

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 51 A	warehouse	Floor	7608	
2819 - A - P 51 B	warehouse	Floor		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/25/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
222	MS	1	warehouse, storage	Doors, door frames, columns, H-beams, purlins	Beige	P	M	G _F P	1,500	black brown

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P52 A	warehouse	Door	7607	
2819 - A - P52 B	warehouse	Door		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
223	MS	1	warehouse, storage	Electrical boxes	DK. gray	P	M	G _F P	100	XX Cool Gray

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P53 A	warehouse	Electrical BOX	7609	
2819 - A - P53 B	warehouse	Electrical BOX		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
224	MS	1	warehouse, storage	Conduits	W	P	M	G _F P	200	black raspberry

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P54 A	warehouse	conduits	7609	
2819 - A - P54 B	warehouse	conduits		

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: **DF** Survey Dates and Times: **8/25/2020**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
225	MS	1	Warehouse	Floor	Gray	P	CC	G F P	100	harvest gold
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 55 A		Warehouse		Floor		7610				
2819 - A - P 55 B		Warehouse		Floor						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
226	MS	1	Warehouse	Door, door frame	O/W	P	wood	G F P	40	Violet
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 56 A		Warehouse		Door		7611				
2819 - A - P 56 B		Warehouse		Door						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
227	MS	1	Warehouse	Walls	W	P	CC block	G F P	140	Teal
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P 57 A		Warehouse		Wall		7613				
2819 - A - P 57 B		Warehouse		Wall						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station

Inspector Initials: DF

Survey Dates and Times: 8/25/2020

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
228	MS	1	warehouse	Floor	Blue	P	CC	G [Ⓞ] F P	40	XXXX Slate
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P58 A		warehouse		Floor		7615				
2819 - A - P58 B		warehouse		Floor						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
229	MS	1	Restroom	Walls	Lt. Pink	P	CC	G [Ⓞ] F P	300	Jade Green
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P59 A		Restroom		wall		7616				
2819 - A - P59 B		Restroom		wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
230	MS	1	Room 1, Wash Rm., Restroom 1, storage 1, Target Prep	Walls	Lt. beige	P	CC block	G [Ⓞ] F P	800	Salmon
Sample ID		Room Sampled		Sample Location		PIC ID	Notes			
2819 - A - P60 A		Room 1		Wall		7629				
2819 - A - P60 B		Storage 1		Wall						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: 2819 2

Location: Animal Quarantine Station


Inspector Initials: DE, KS

Survey Dates and Times: 8/28/20

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
231	MS	1	Room 1, wash Rm., Restroom 1, Storage 1, Target prep	walls, ceiling	Lt. beige	P	DW	⊙ F P	2,400	Purple
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - A - P 61 A		Room 1		wall		7630				
2819 - A - P 61 B		Storage 1		wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
232	MS	1	Room 1	wall	Beige	P	DW	⊙ F P	120	lemon green yellow
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - A - P 62 A		Room 1		wall		7631				
2819 - A - P 62 B		Room 1		wall						
HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
233	MS	1	Room 1, wash Rm., Storage 1, Target prep	Doors, door-frames	Beige	P	wood	⊙ F P	160	Black
Sample ID		Room Sampled		Sample Location		PIC ID		Notes		
2819 - A - P 63 A		Room 1		door frame		7632				
2819 - A - P 63 B		Storage 1		door frame						

Hazardous Homogeneous Materials and Sampling Survey Field Form: Lead Paint

Project Number: **2819 2** Location: **Animal Quarantine Station** Inspector Initials: **DF, KS** Survey Dates and Times: **8/23/2020**

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
234	MS	1	Room 1, wash RM.; Storage 1, Target prep,	Floor	Beige	P	CC	⊗ F P	3,000	

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P 64A	Room 1	Floor	7633	
2819 - A - P 64B	Storage 1	Floor		

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
								G F P		

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P A				
2819 - A - P B				

HM ID	Building	Flr.	Rooms	Locations	Material Color	Material	Substrate	Condition	Area Sq. ft or L. ft	Hatch Color
								G F P		

Sample ID	Room Sampled	Sample Location	PIC ID	Notes
2819 - A - P A				
2819 - A - P B				