

Table
“DRAFT” Analytical Results of Lead and Arsenic Dust Wipe Sampling
at
Princess Nahienaena Elementary School, Lahaina Intermediate School, and Kamehameha III Elementary School
Lahaina, Maui, Hawaii

Project No. 21-1859 Task 38 Phase 8
Sample Collection Date: January 22, 2024

Sampling Location	Sample Identification Number	Approximate Sampling Area in ft ²	Type of Substrate	Condition	Results in Arsenic µg/ft ²	Results in Lead µg/ft ²
Princess Nahienaena Elementary School						
Building P-5, interior floor	PNES-W67	4	VCT	Visibly clean	<1.0	<1.0
Building P-5, interior window-sills	PNES-W68	1.4	Wood	Visibly dust	<2.8	<2.8
Building P-9, interior floor	PNES-W69	4	VCT	Visibly clean	<1.0	<1.0
Building P-9, interior window-sills	PNES-W70	1.9	Wood	Visibly dust	<2.1	<2.1
Building C, Room C-203, interior floor	PNES-W71	4	VCT	Visibly clean	<1.0	<1.0
Building C, Room C-203, interior window-sill	PNES-W72	1.2	Wood	Visibly clean	<3.3	<3.3
Building C, exterior lanai, outside Room C-203, floor	PNES-W73	4	Concrete	Visibly clean	<1.0	<1.0
Lahaina Intermediate School						
Building P-3, interior floor	LIS-W67	4	VCT	Visibly clean	<1.0	<1.0
Building P-3, interior window-sills	LIS-W68	1.37	Wood	Visibly dust	<2.0	<2.0

Table (continued)

Sampling Location	Sample Identification Number	Approximate Sampling Area in ft ²	Type of Substrate	Condition	Results in Arsenic µg/ft ²	Results in Lead µg/ft ²
Lahaina Intermediate School (continued)						
Building P-4, interior floor	LIS-W69	4	VCT	Visibly clean	<1.0	<1.0
Building P-4, interior window-sills	LIS-W70	1.37	Wood	Visibly dust	<2.9	<2.9
Building D, 2 nd floor, Room D-203, interior floor	LIS-W71	4	VCT	Visibly clean	<1.0	<1.0
Building D, 2 nd floor, Room D-203, interior window-sills	LIS-W72	1.16	Concrete	Visibly dust	<3.4	<3.4
Building D, 2 nd floor, exterior hallway floor, outside Room D-203	LIS-W73	4	Concrete	Visibly clean	<1.0	<1.0
Kamehameha III Elementary School						
Building Classroom 1, interior floor	KIIIES-W21	4	Laminate plank	Visibly clean	<1.0	<1.0
Building Classroom 3, interior floor	KIIIES-W22	4	Laminate plank	Visibly clean	<1.0	<1.0
Building Classroom 4, interior floor	KIIIES-W23	4	Laminate plank	Visibly clean	<1.0	<1.0

Notes: The current Environmental Protection Agency (EPA)/Housing and Urban Development (HUD) clearance standard for lead dust on building surfaces is 10 micrograms per square foot (µg/ft²) for floors and 100 µg/ft² for window sills.

Table (continued)

Surface wipe samples were collected using Ghost Wipes® and standard EPA methods. Ghost Wipes® meet all ASTM E1792 specifications for sampling materials for lead dust collection and analysis.

Wipe samples were analyzed for Lead using National Institute for Occupational Safety and Health (NIOSH) Method 7082m and Arsenic using EPA Method 7000Bm.

µg/ft² = micrograms per square foot

Results presented as less than (<) are below the laboratory method reporting limit (RL) of 5 µg for lead.

VCT = Vinyl Composite Tile