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

Project No. 21-1859 Task 38 Phase 16
Sample Collection Date: May 13, 2024

Sampling Location	Sample Identification Number	Approximate Sampling Area in ft^2	Type of Substrate	Condition	Results in Arsenic $\mu g/ft^2$	Results in Lead $\mu g/ft^2$
Princess Nahienaena Elementary School						
Building A, Room A-102, interior floor	PNES-W123	4	VCT	Visibly clean	<1.0	<1.0
Building A, Room A-102, interior window sills	PNES-W124	3.17	Concrete	Visibly dirty	<1.3	<1.3
Building C, Room C-204, interior floor	PNES-W125	4.0	VCT	Visibly clean	<1.0	<1.0
Building C, Room C-204, interior window sills	PNES-W126	2.08	Concrete	Visibly dirty	<1.9	<1.9
Building E, Room C-102, interior floor	PNES-W127	4.0	VCT	Visibly clean	<1.0	<1.0
Building E, Room C-102, interior window sills	PNES-W128	2.33	Concrete	Visibly dirty	<1.7	<1.7
Building E, exterior lanai, outside Room E-102	PNES-W129	4.0	Concrete	Visibly dirty	<1.0	<1.0

Table (continued)

Sampling Location	Sample Identification Number	Approximate Sampling Area in ft^2	Type of Substrate	Condition	Results in Arsenic $\mu g/ft^2$	Results in Lead $\mu g/ft^2$
Lahaina Intermediate School						
Building C, Room C-6, interior floor	LIS-W122	4	VCT	Visibly clean	<1.0	<1.0
Building C, Room C-6, interior window sills	LIS-W123	0.60	Concrete	Visibly dirty	<6.6	<6.6
Building C, exterior lanai, outside Room C-6	LIS-W124	4	Concrete	Visibly dirty	<1.0	<1.0
Building D, Room D-201, interior floor	LIS-W125	4	VCT	Visibly clean	<1.0	<1.0
Building D, Room D-201, interior window sills	LIS-W126	0.81	Concrete	Visibly dirty	<4.9	<4.9
Building D, Room D-204, interior floor	LIS-W127	4	VCT	Visibly clean	<1.0	<1.0
Building D, Room D-204, interior window sills	LIS-W128	0.58	Concrete	Visibly dirty	<6.9	<6.9

Notes:

The current Environmental Protection Agency (EPA)/Housing and Urban Development (HUD) clearance standard for lead dust on horizontal building surfaces following lead disturbance activities are 10 micrograms per square foot ($\mu g/ft^2$) for floors; and 100 $\mu g/ft^2$ for window sills.

Surface wipe samples were collected using Ghost Wipes® and modified EPA collection methods. Ghost Wipes® meet all American Society for Testing and Materials (ASTM) E1792 specifications for sampling materials for lead dust collection and analysis.

Wipe samples were analyzed for Lead and Arsenic using EPA Method 3051/6010D Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES). Results presented as less than (<) the reporting limit (RL) are considered "below the laboratory RL and none detected" for lead and arsenic.

Table (continued)

RL for Lead and Arsenic ranged from 1.0 to 6.9 µg/ft^2
VCT = Vinyl Composite Tile