

Asbestos and Lead Survey Report Morrow Cove



Sampled for **asbestos** and **detected**
Sampled for **lead** and **detected**

This is a quick reference summary of a survey completed by Vista Environmental in June 2023. The complete report is available by contacting EH&S at safety@csum.edu. If unsure about ANY information contact EH&S prior to impacting suspect material

CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
MORROW COVE BUILDING
HAZARDOUS MATERIALS SUMMARY

Positive Asbestos Locations

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	BAAQMD CATEGORY	ESTIMATED QUANTITY
O	Mastic	Blue, Sink	Student Health - Room 103	Class II	Category I - Non-Friable	5 SF (1 EA)
BB	Panels	Gray, Lower Window Panel	Exterior/Interior Perimeter Window Panels	Class II	Category II- Non-Friable	624 SF

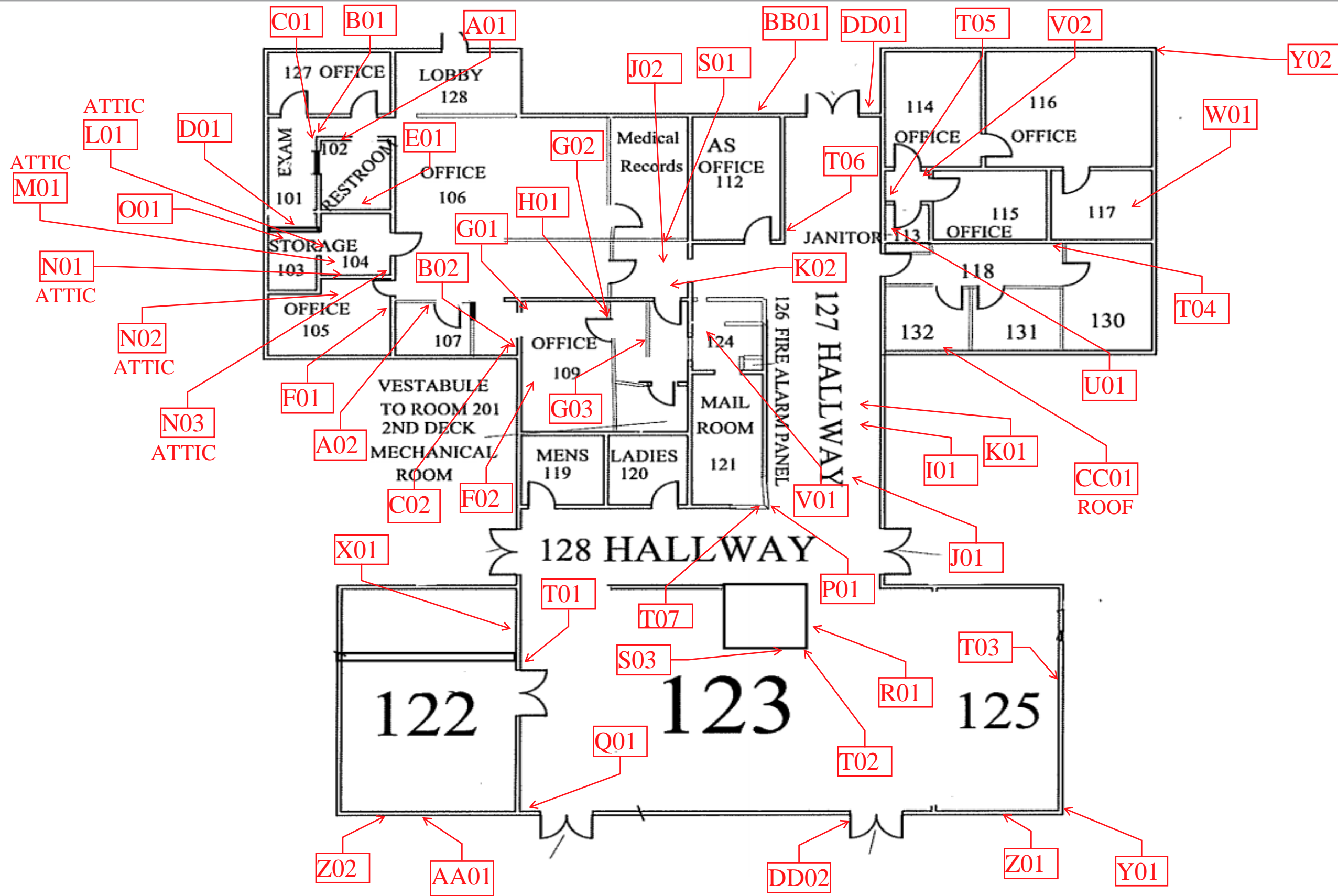
**CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
MORROW COVE BUILDING
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Wallboard/Joint Compound	White/White, No Texture	2
B	Basecove/Mastic	4" Brown/Beige	2
C	Vinyl Sheet Flooring	Beige, Streaked	2
D	Mastic	Gray, Sink	1
E	Grout/Mortar	White/Gray, Wall Ceramic	1
F	Mastic	Yellow, Carpet Square	2
G	Texture Coat	White, Large	3
H	Wallboard/Joint Compound	White/White, Texture G	1
I	Acoustic Ceiling Panel	2'x4' White, Large Chicken Feet	1
J	Acoustic Ceiling Panel	2'x4' White, Fissured	1
K	Acoustic Ceiling Panel	2'x4' White, Gouge	1
L	Jacketing	White, Fiberglass Pipe	1
M	Tape	White, Duct	1
N	Insulation	White, Blown-In	3
O	Mastic	Blue, Sink	1
P	Vinyl Sheet Flooring/Mastic	24" Gray/White	1
Q	Vinyl Sheet Flooring/Mastic	24" Beige/White	1
R	Vinyl Sheet Flooring/Mastic	24" Brown/White	1
S	Wallboard/Joint Compound	White/White, Texture T	2
T	Texture Coat	White, Small	7
U	Vinyl Floor Tile /Mastic	12" White/Yellow	1

**CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
MORROW COVE BUILDING
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
V	Vinyl Floor Tile /Mastic	12" Off White Streaks, Yellow	2
W	Acoustic Ceiling Tile/Mastic	12" White, Fissure, Brown	1
X	Mastic	White, FRP	1
Y	Brick/Mortar	Red/Gray	2
Z	Sealant	Black, Window & Door Frame	2
AA	Sealant	Gray, Inner Window Frames	1
BB	Panels	Gray, Lower Window Panel	1
CC	Shingle/Underlayment	Black/Black, Roof	1
DD	Concrete	Gray, Foundation	2

Asbestos samples in **red** are positive. Other materials in black are negative. If the material that you may impact is not clearly sampled in the above table than reach out to EH&S at safety@csu.edu. before impacting any material.



CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
MORROW COVE BUILDING
HAZARDOUS MATERIALS SUMMARY

Positive Lead Locations

ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	PB	UNITS
Inside	Wall	Drywall	White	Intact	0.01	mg/cm ²
Inside	Sink	Porcelain	White	Intact	0.01	mg/cm ²
Inside	Door Frame	Wood	Blue	Intact	0.01	mg/cm ²
Inside	Sink	Porcelain	White	Intact	36.8	mg/cm²
Inside	Door	Wood	Teal	Intact	0.01	mg/cm ²
Inside	Cabinet	Metal	Gray	Intact	0.02	mg/cm ²
Inside	Door Frame	Metal	Blue, Light	Deteriorated	0.02	mg/cm ²
Inside	Window Frame	Metal	Blue, Dark	Intact	0.02	mg/cm ²
Outside	Fascia	Wood	Brown	Intact	0.01	mg/cm ²
Outside	Wall	Wood	Beige	Intact	0.01	mg/cm ²
Inside	Ceiling	Wood	White	Intact	0.06	mg/cm ²

Bold = Lead Based

XFR Lead Sample Locations

READING NO.	BUILDING	ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	RESULTS	PbC	UNITS
1			SHUTTER_CAL					0.63	cps
4			CALIBRATE				Negative	0.9	mg/cm ²
53	Morrow Cove	INSIDE	DOOR FRAME	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
54	Morrow Cove	INSIDE	DOOR	METAL	BLACK	INTACT	Negative	0	mg/cm ²
55	Morrow Cove	INSIDE	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
56	Morrow Cove	INSIDE	DOOR FRAME	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
57	Morrow Cove	INSIDE	DOOR	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
58	Morrow Cove	INSIDE	WALL	PORCELAIN	BEIGE	INTACT	Negative	0	mg/cm ²
59	Morrow Cove	INSIDE	SINK	PORCELAIN	WHITE	INTACT	Negative	0.01	mg/cm ²
60	Morrow Cove	INSIDE	WALL	PLASTER	WHITE	DETERIORATED	Negative	0	mg/cm ²
61	Morrow Cove	INSIDE	WALL	PORCELAIN	WHITE	INTACT	Negative	0	mg/cm ²
62	Morrow Cove	INSIDE	WALL	WOOD	TAN	DETERIORATED	Negative	0	mg/cm ²
63	Morrow Cove	INSIDE	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
64	Morrow Cove	INSIDE	DOOR	PLASTIC	BLACK	INTACT	Negative	0	mg/cm ²
65	Morrow Cove	INSIDE	DOOR	WOOD	BEIGE	DETERIORATED	Negative	0	mg/cm ²
66	Morrow Cove	INSIDE	DOOR FRAME	WOOD	BLUE	INTACT	Negative	0.01	mg/cm ²
67	Morrow Cove	INSIDE	DOOR	WOOD	BLUE	INTACT	Negative	0	mg/cm ²
68	Morrow Cove	INSIDE	SINK	PORCELAIN	WHITE	INTACT	Positive	36.8	mg/cm ²
69	Morrow Cove	INSIDE	WALL PANEL	PLASTIC	WHITE	INTACT	Negative	0	mg/cm ²
70	Morrow Cove	INSIDE	DOOR	WOOD	TEAL	INTACT	Negative	0.01	mg/cm ²
71	Morrow Cove	INSIDE	CABINET	METAL	GRAY	INTACT	Negative	0.02	mg/cm ²
72	Morrow Cove	INSIDE	DOOR FRAME	METAL	BLUE, LIGHT	DETERIORATED	Negative	0.02	mg/cm ²
73	Morrow Cove	INSIDE	WINDOW FRAME	METAL	BLUE, DARK	INTACT	Negative	0.02	mg/cm ²
74	Morrow Cove	OUTSIDE	DOWNSPOUT	METAL	RED	INTACT	Negative	0	mg/cm ²
75	Morrow Cove	OUTSIDE	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

XRF Lead Sample Locations

READING NO.	BUILDING	ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	RESULTS	PbC	UNITS
77	Morrow Cove	OUTSIDE	OVERHANG	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
78	Morrow Cove	OUTSIDE	FASCIA	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
79	Morrow Cove	OUTSIDE	FLASHING	METAL	BROWN	INTACT	Negative	0	mg/cm ²
80	Morrow Cove	OUTSIDE	WALL	WOOD	BEIGE	INTACT	Negative	0.01	mg/cm ²
81	Morrow Cove	INSIDE	BEAM	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
82	Morrow Cove	INSIDE	BEAM	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
83	Morrow Cove	INSIDE	BEAM BRACKET	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
84	Morrow Cove	INSIDE	CEILING	WOOD	WHITE	INTACT	Negative	0.06	mg/cm ²
85			CALIBRATE				Positive	1	mg/cm ²
86			CALIBRATE				Negative	0.8	mg/cm ²
87			CALIBRATE				Positive	1	mg/cm ²

The above list are ALL the materials sampled and tested by XRF for lead. The positive materials are in red. The non-detected for lead materials are in black. If you cannot positively identify the material you need to impact through the above inventory, do not disturb and contact EH&S for further sampling or guidance. The materials not listed were not sampled and must be assumed lead containing until proven not by testing.