

Table 1. Air Sampling Results for Building G (500, Angel Shark) at MHS

Malibu High School
Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Summer 2014		Winter 2014/2015		Summer 2015			Summer 2016
			Pre-BMP Cleaning (July 2014)	Post-BMP Cleaning (August 2014)	Lights Off (December 20, 2014)	Lights On (December 28, 2014)	Pre-BMP Cleaning (June 8, 2015)	Post-BMP Cleaning (August 2015)	Post-Removal (July 2015)	Post-BMP Cleaning (August 2016)
500	406S	Special Education Room	--	--	--	--	--	ND (<70)	--	--
			--	--	--	--	--	ND (<69)	--	--
500A	406C	Speech/language lab	ND (<70)	ND (<70)	--	--	--	--	--	--
500B	406A	Community Resource Center	--	--	--	--	--	ND (<68)	--	--
501	406N	Student support center	--	--	ND (<69)	ND (<69)	--	--	--	--
502	405	Special education classroom	ND (<70)	ND (<71)	ND (<69)	ND (<68)	--	--	--	--
		Special education classroom (Duplicate)	ND (<69)	--	--	--	--	--	--	--
504	404S	Art Classroom	--	--	--	--	--	ND (<70)	--	--
505	404N	Art classroom	130	140	--	--	--	--	ND (<68)	110 J
506	403	Wood shop	170	150	--	--	--	--	ND (<68)	200

Notes:

1. No concentrations were greater than U.S. EPA's health-based threshold of 200 ng/m³.
2. If no Aroclors were detected, total PCBs are shown as less than (<) the highest method reporting limit.
3. Duplicate samples were collected adjacent to the primary sample.

Abbreviations:

ng/m³ = nanograms per cubic meter

BMP = Best Management Practice

J = indicates an estimated value

MHS = Malibu High School

ND = Compound was analyzed for but not detected above the laboratory reporting limit

NS = not sampled

PCB = polychlorinated biphenyl

TO = toxic organic

U.S. EPA = United States Environmental Protection Agency

Table 2. Summary of Surface Wipe Sampling Results for Building G (500, Angel Shark)
 Malibu High School
 Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Surface Description	Summer 2014			Winter 2014	Summer 2015			Winter 2015	Summer 2016	
				Pre-BMP Cleaning (July 2014)	Post-BMP Cleaning (August 2014)	Post-BMP Recleaning (August 2014) ^[a]	(December 20, 2014)	Post-BMP Cleaning (August 2015)	Post-Encapsulation (June 2015)	Post-Removal ^[b,c,d] (July - August 2015)	Encapsulant Repair ^[e] (January 2016)	Post-BMP Cleaning (August 2016)	Post-Encapsulation Verification (August 2016)
500	406S	Special Education Room	Bookshelf (wood)	--	--	--	--	ND (<0.10)	--	--	--	--	--
			Table (wood laminate)	--	--	--	--	ND (<0.10)	--	--	--	--	--
			Desk (wood laminate)	--	--	--	--	ND (<0.10)	--	--	--	--	--
			Desk (wood laminate) (duplicate)	--	--	--	--	ND (<0.10)	--	--	--	--	--
500A	406C	Speech/language lab	Desk (laminated)	ND (<0.10)	ND (<0.10)	--	--	--	--	--	--	--	--
			Desk (laminated) (Duplicate)	--	ND (<0.10)	--	--	--	--	--	--	--	--
			Wall (painted plaster)	ND (<0.10)	ND (<0.10)	--	--	--	--	--	--	--	--
			Wall (painted plaster) (Duplicate)	ND (<0.10)	--	--	--	--	--	--	--	--	--
500B	406A	Community Resource Center	Table (wood laminate)	--	--	--	--	ND (<0.10)	--	--	--	--	--
			Table (wood laminate) (replicate)	--	--	--	--	ND (<0.10)	--	--	--	--	--
			Table (wood laminate)	--	--	--	--	ND (<0.10)	--	--	--	--	--
			Bookshelf (wood laminate)	--	--	--	--	ND (<0.10)	--	--	--	--	--
501	406N	Student support center	Counter Top (laminated)	--	--	--	ND (<0.10)	--	--	--	--	--	--
			Desk (wood)	--	--	--	ND (<0.10)	--	--	--	--	--	
			Counter Top (laminated)	--	--	--	ND (<0.10)	--	--	--	--	--	
			Table (laminated)	--	--	--	ND (<0.10)	--	--	--	--	--	
			Floor (vinyl tile)	--	--	--	ND (<0.10)	--	--	--	--	--	
502	405	Special education classroom	Floor (vinyl tile) (Duplicate)	--	--	--	ND (<0.10)	--	--	--	--	--	--
			Table (laminated)	ND (<0.10)	ND (<0.10)	--	ND (<0.10)	--	--	--	--	--	
			Floor (vinyl tiles)	ND (<0.10)	ND (<0.10)	--	ND (<0.10)	--	--	--	--	--	
			Table (wood)	--	--	--	ND (<0.10)	--	--	--	--	--	
			Desk (laminated)	--	--	--	ND (<0.10)	--	--	--	--	--	
504	404S	Art Classroom	Desk (laminated) (Replicate)	--	--	--	ND (<0.10)	--	--	--	--	--	--
			Desk (glass)	--	--	--	ND (<0.10)	--	--	--	--	--	
			Counter top (laminated)	--	--	--	--	ND (<0.10) UJ	--	--	--	--	
			Countertop (laminated) (duplicate)	--	--	--	--	ND (<0.10) UJ	--	--	--	--	
			Bookshelf (wood laminate)	--	--	--	--	ND (<0.10) UJ	--	--	--	--	
505	404N	Art classroom	Counter top (metal)	--	--	--	--	ND (<0.10) UJ	--	--	--	--	--
			Counter Top (laminated)	0.33	ND (<0.10)	--	--	--	--	--	--	ND (<0.10)	--
			Counter Top (laminated) (Duplicate)	0.38	--	--	--	--	--	--	--	--	--
			Counter Top (laminated) (sink adjacent)	--	--	--	--	--	--	--	--	ND (<0.10)	--
			Window (painted caulking)	0.67	ND (<0.10)	--	--	--	--	--	--	--	--
			Window (painted caulking) (Replicate)	0.28 J	--	--	--	--	--	--	--	--	--
			Desk Top (laminated)	--	ND (<0.10)	--	--	--	--	--	--	--	--
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	ND (<0.10)	--	0.28
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Wall (encapsulated wood) (duplicate)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Floor (encapsulated concrete)	--	--	--	--	--	ND (<0.10)	--	--	--	--
			Floor (encapsulated concrete)	--	--	--	--	--	ND (<0.10)	--	--	--	--
			Floor (concrete)	--	--	--	--	--	--	3.8	--	--	--
			Floor (wood)	--	--	--	--	--	--	ND (<0.10)	--	--	--
			Table (wood laminate)	--	--	--	--	--	--	ND (<0.10)	--	ND (<0.10)	--
			Table (wood laminate) (replicate)	--	--	--	--	--	--	ND (<0.10)	--	--	--
			Floor (concrete), collected 7/19/15	--	--	--	--	--	--	0.98	--	--	--
Floor (concrete), collected 7/19/15	--	--	--	--	--	--	7.2	--	--	--			
Floor (concrete), collected 7/29/15	--	--	--	--	--	--	1.3	--	--	--			
Floor (concrete), collected 8/7/15	--	--	--	--	--	--	0.29	--	--	--			
Floor (concrete), collected 8/7/15	--	--	--	--	--	--	0.22	--	--	--			

Table 2. Summary of Surface Wipe Sampling Results for Building G (500, Angel Shark)
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 Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Surface Description	Summer 2014			Winter 2014	Summer 2015			Winter 2015	Summer 2016	
				Pre-BMP Cleaning (July 2014)	Post-BMP Cleaning (August 2014)	Post-BMP Recleaning (August 2014) ^[a]	(December 20, 2014)	Post-BMP Cleaning (August 2015)	Post-Encapsulation (June 2015)	Post-Removal ^[b,c,d] (July - August 2015)	Encapsulant Repair ^[e] (January 2016)	Post-BMP Cleaning (August 2016)	Post-Encapsulation Verification (August 2016)
506	403	Wood shop	Window Sill (painted metal)	ND (<0.10)	0.84 J	--	--	--	--	--	--	--	--
			Podium (laminated)	0.11	ND (<0.10)	--	--	--	--	--	--	--	--
			Wall (coated wood)	0.41	0.45 J	--	--	--	--	--	--	--	--
			Wall (coated wood) (Duplicate)	--	ND (<0.10)	--	--	--	--	--	--	--	--
			Door (painted caulking)	71 J	62 J	56 J	--	--	--	--	--	--	--
			Door (painted caulking) (Duplicate)	--	--	7.6 J	--	--	--	--	--	--	--
			Desk (laminated)	--	--	ND (<0.10)	--	--	--	--	--	0.10	--
			Door (painted caulking)	--	--	94 J	--	--	--	--	--	--	--
			Saw Table (metal machine surface)	--	--	0.11 J	--	--	--	--	--	--	--
			Jointer/Planer (metal machine surface)	--	--	0.20 J	--	--	--	--	--	--	--
			Cabinet Door (laminated)	--	--	ND (<0.10)	--	--	--	--	--	--	--
			Workbench (wood)	--	--	--	--	--	--	--	--	ND (<0.10)	--
			Machinery table (wood)	--	--	--	--	--	--	--	--	ND (<0.10)	--
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	ND (<0.10)
			Wall (encapsulated wood) (replicate)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Wall (encapsulated wood)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Wall (encapsulated wood) (duplicate)	--	--	--	--	--	ND (<0.10) UJ	--	--	--	--
			Floor (wood)	--	--	--	--	--	--	ND (<0.10)	--	--	--
			Floor (wood)	--	--	--	--	--	--	ND (<0.10)	--	--	--
			Floor (concrete)	--	--	--	--	--	--	1.4^[c]	--	--	--
Table (wood)	--	--	--	--	--	--	ND (<0.10)	--	--	--			
Table (wood) (replicate)	--	--	--	--	--	--	ND (<0.10)	--	--	--			
Desk (wood laminate)	--	--	--	--	--	--	ND (<0.10)	--	--	--			
Desk (wood laminate) (duplicate)	--	--	--	--	--	--	ND (<0.10)	--	--	--			

Notes:

1. Yellow colored cells and bold font indicate concentrations were greater than U.S. EPA's comparison threshold of 1 µg/100 cm².
 2. Duplicate samples were collected adjacent to the primary sample. Replicate samples were collected in the same location as the primary sample, after the primary sample was collected.
- ^[a] The interior door caulking in Room 506 was repaired prior to the sampling on August 13, 2014.
- ^[b] Post-removal samples were collected to evaluate the efficacy of containment used during removal of building materials.
- ^[c] The initial round of post-removal samples collected in Room 505 were above the U.S. EPA comparison threshold and 95% Upper Confidence Level (UCL). The floor was cleaned and additional encapsulation applied to floor until results met the U.S. EPA requirements.
- ^[d] The post-removal samples collected in Room 506 have an UCL of 86.8%, below the EPA threshold of 95%.
- ^[e] The encapsulated area in Room 505 was observed in October 2015 and found to be damaged. Repairs were performed. This sample was collected to show that the repaired area was below the U.S. EPA's comparison threshold.

Abbreviations:

- µg/100 cm² = micrograms per 100 square centimeters
- cm² = square centimeters
- BMP = Best Management Practice
- J = indicates an estimated value
- MHS = Malibu High School
- ND = Testing result not detected above the reporting limit.
- NS = not sampled
- PCB = polychlorinated biphenyl
- SW = solid waste
- U.S. EPA = United States Environmental Protection Agency

Table 3. Summary of Bulk Sampling Results for Building G (500, Angel Shark)

Malibu High School and Juan Cabrillo Elementary School

Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Sample Material	Aroclor Results (mg/kg)
				ENVIRON (February 2015)
505	404N	Art classroom	Door caulk	220,000 J

Note:

1. All yellow highlighted cells with bold text have total PCB concentrations exceeding 50 parts per million (ppm), which is defined and regulated as an "unauthorized use" under the United States Environmental Protection Agency (USEPA) Toxic Substances Control Act (TSCA) 40 CFR 761.

Abbreviations:

cm = centimeters

g = grams

ID = identification

J = Indicates an estimated value

JCES = Juan Cabrillo Elementary School

mg/kg = milligrams per kilogram

MHS = Malibu High School

NA = not applicable, not identified

ppm = parts per million

PTA = parent teacher association

QC = quality control

TCL = target compound list

TSCA = Toxic Substances Control Act

USEPA = United States Environmental Protection Agency