

**Table 1. Air Sampling Results (ng/m<sup>3</sup>) for Building D (100 and 200, Mako Shark) at MHS**

Malibu High School  
Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Phylmar Initial Sampling	Summer 2014		Winter 2014/2015		Summer 2015	Summer 2016	Summer 2017
			November 2013	Pre-BMP Cleaning (June/July 2014)	Post-BMP Cleaning (August 2014)	Lights Off (December 20, 2014)	Lights On (December 28, 2014)	Post-BMP Cleaning (August 2015)	Post-BMP Cleaning (August 2016)	Post-BMP Cleaning (August 2017)
101A	101 (west)	Classroom	--	--	ND (<69)	--	--	--	--	--
101B	101 (east)	Classroom	--	110 J	110	--	--	--	--	--
102	102	Chemistry classroom	--	--	ND (<70)	--	--	--	--	--
103	103	Science classroom	20.36	ND (<68)	ND (<69)	--	--	--	--	--
104	104	Science classroom	20.64	ND (<68)	ND (<69)	--	--	--	--	--
		Science classroom (Duplicate)	--	--	ND (<69)	--	--	--	--	--
105	105	Biology classroom	13.15	ND (<70)	ND (<69)	--	--	--	--	--
106	106	Biology classroom	--	ND (<69)	ND (<69)	ND (69)	ND (69) UJ	ND (<68)	--	--
		Biology classroom (Duplicate)	--	--	--	ND (70)	ND (68)	--	--	--
111	115/115A	Girls' restroom	--	ND (<65)	ND (<70)	--	--	--	--	--
120	112	Teachers' lounge	--	ND (<70)	ND (<71)	--	--	--	ND (<69)	--
200	200	Classroom	--	--	ND (<69)	--	--	--	--	--
		Classroom (Duplicate)	--	--	ND (<67)	--	--	--	--	--
201	201	Classroom	--	ND (<69)	ND (<71)	--	--	--	--	--
202	202	Classroom	--	--	--	--	--	ND (<70)	--	--
203	203	Classroom	--	--	--	--	--	ND (<70)	--	--
204	204	Classroom	--	--	--	--	--	ND (<69)	--	--
205	205	Classroom	--	--	ND (<69)	ND (69)	ND (68)	--	--	--
206	206	Classroom	--	--	ND (<70)	ND (69)	ND (68)	--	--	--
207	207	Classroom	--	ND (<75)	ND (<70)	--	--	--	--	--
208	208	Classroom	--	--	--	--	--	ND (<70)	--	--
209	209	Classroom	--	--	ND (<70)	--	--	--	--	--
210	210	Classroom	--	--	--	--	--	ND (<70)	--	--
211	211	Classroom	--	--	--	--	--	ND (<69)	--	--
		Classroom (Duplicate)	--	--	--	--	--	ND (<68)	--	--
212	212	Classroom	--	ND (<72)	ND (<69)	--	--	--	--	ND (<69)
		Classroom (Duplicate)	--	ND (<71)	--	--	--	--	--	--
213	213	Teachers' Lounge	--	--	--	--	--	ND (<69)	--	--

**Notes:**

1. No concentrations were greater than U.S. EPA's health-based threshold of 200 ng/m<sup>3</sup>.
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/m<sup>3</sup> = 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
- UJ = Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

**Table 2. Summary of Surface Wipe Sampling Results ( $\mu\text{g}/\text{m}^3$ ) for Building D (100 and 200, Mako Shark) at MHS**  
 Malibu High School  
 Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Surface Description	Phylmar Initial Sampling	Summer 2014		Winter 2014	Summer 2015	Summer 2016	Summer 2017
				November 2013	Pre-BMP Cleaning (June/July 2014)	Post-BMP Cleaning (August 2014)	(December 20, 2014)	Post-BMP Cleaning (August 2015)	Post-BMP Cleaning (August 2016)	Post-BMP Cleaning (August 2017)
101A	101 (west)	Classroom	Floor (vinyl tiles)	--	--	ND (<0.10)	--	--	--	--
			Student Desk (laminated)	--	--	ND (<0.10)	--	--	--	--
			Counter Top (laminated)	--	--	ND (<0.10)	--	--	--	--
101B	101 (east)	Classroom	Counter Top (laminated)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Wall Joint (painted caulking)	--	0.14	ND (<0.10)	--	--	--	--
			Wall Joint (painted caulking) (Replicate)	--	0.15	ND (<0.10)	--	--	--	--
102	102	Chemistry classroom	Student Desk (laminated)	--	--	ND (<0.10)	--	--	--	--
			Counter Top (laminated)	--	--	ND (<0.10)	--	--	--	--
103	103	Science classroom	Interior Sill (plaster/metal)	0.77	--	--	--	--	--	--
			Exterior Sill (metal)	0.02	--	--	--	--	--	--
			Interior floor	0.73	--	--	--	--	--	--
			Floor (vinyl tiles)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Window Sill (painted metal)	--	0.28	ND (<0.10)	--	--	--	--
			Window Sill (painted metal) (Replicate)	--	0.11 J	ND (<0.10)	--	--	--	--
			Student Desk (laminated)	--	--	ND (<0.10)	--	--	--	--
104	104	Science classroom	Interior Sill (plaster/metal)	0.83	--	--	--	--	--	--
			Exterior Sill (metal)	0.18	--	--	--	--	--	--
			Interior floor	0.16	--	--	--	--	--	--
			Floor (vinyl tiles)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Window Sill (painted metal)	--	0.34	ND (<0.10)	--	--	--	--
			Counter Top (laminated)	--	--	ND (<0.10)	--	--	--	--
105	105	Biology classroom	Interior Sill (plaster/metal)	0.96	--	--	--	--	--	--
			Exterior Sill (metal)	0.55	--	--	--	--	--	--
			Interior floor	0.15	--	--	--	--	--	--
			Floor (vinyl tiles)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Window Sill (painted metal)	--	0.42 J	0.15 J	--	--	--	--
			Window Sill (painted metal) (Duplicate)	--	0.28	ND (<0.10)	--	--	--	--
106	106	Biology classroom	Counter Top (laminated)	--	--	ND (<0.10)	ND (<0.10)	--	--	
			Counter Top (laminated)	--	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	--	
			Wall (painted plaster)	--	ND (<0.10)	ND (<0.10)	--	--	--	
			Lab Bench (slate)	--	--	--	ND (<0.10)	--	--	
			Lab Bench (slate) (Replicate)	--	--	--	ND (<0.10)	--	--	
			Desk (laminated)	--	--	--	ND (<0.10)	ND (<0.10)	--	
			Lab Bench (slate)	--	--	--	ND (<0.10)	ND (<0.10)	--	
111	115/115A	Girls' restroom	Desk (painted particle board)	--	--	--	ND (<0.10)	--	--	
			Hand Dryer (painted metal)	--	ND (<0.10)	ND (<0.10)	--	--	--	
120	112	Teachers' lounge	Bathroom Stall (laminated)	--	ND (<0.10)	ND (<0.10)	--	--	--	
			Table (coated wood)	--	0.12 J	ND (<0.10)	--	--	ND (<0.10)	
			Table (coated wood) (Duplicate)	--	--	--	--	--	ND (<0.10)	
			Window (caulking)	--	0.13	ND (<0.10)	--	--	--	
			Counter Top (stainless steel)	--	--	ND (<0.10)	--	--	--	
			Bookshelf (wood)	--	--	--	--	--	ND (<0.10)	
200	200	Classroom	Computer desk (glass)	--	--	--	--	--	ND (<0.10)	
			Wall (painted plaster)	--	--	ND (<0.10)	--	--	--	
			Student Desk (laminated)	--	--	ND (<0.10)	--	--	--	
201	201	Classroom	Student Desk (laminated) (Duplicate)	--	--	ND (<0.10)	--	--	--	
			Bookshelf (painted wood)	--	ND (<0.10)	ND (<0.10)	--	--	--	
			Window (glazing)	--	ND (<0.10)	ND (<0.10)	--	--	--	
			Window (glazing) (Replicate)	--	--	ND (<0.10)	--	--	--	

**Table 2. Summary of Surface Wipe Sampling Results ( $\mu\text{g}/\text{m}^3$ ) for Building D (100 and 200, Mako Shark) at MHS**  
 Malibu High School  
 Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Surface Description	Phylmar Initial Sampling	Summer 2014		Winter 2014	Summer 2015	Summer 2016	Summer 2017
				November 2013	Pre-BMP Cleaning (June/July 2014)	Post-BMP Cleaning (August 2014)	(December 20, 2014)	Post-BMP Cleaning (August 2015)	Post-BMP Cleaning (August 2016)	Post-BMP Cleaning (August 2017)
202	202	Classroom	File Cabinet (painted metal)	--	--	--	--	ND (<0.10) UJ	--	--
			File Cabinet (wood)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated) (Replicate)	--	--	--	--	ND (<0.10) UJ	--	--
203	203	Classroom	Desk (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated) (Replicate)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Bookshelf (wood)	--	--	--	--	ND (<0.10) UJ	--	--
204	204	Classroom	Desk (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Bookshelf (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated) (Duplicate)	--	--	--	--	ND (<0.10) UJ	--	--
205	205	Classroom	Floor (vinyl tiles)	--	--	ND (<0.10)	--	--	--	--
			Student Desk (laminated)	--	--	ND (<0.10)	ND (<0.10)	--	--	--
			Heating/Cooling Unit Cover (painted metal)	--	--	ND (<0.10)	ND (<0.10)	--	--	--
			File Cabinet (metal)	--	--	--	ND (<0.10)	--	--	--
			Desk (laminated)	--	--	--	ND (<0.10)	--	--	--
			Desk (laminated) (Duplicate)	--	--	--	ND (<0.10)	--	--	--
			Bookshelf (laminated)	--	--	--	ND (<0.10)	--	--	--
206	206	Classroom	Wall Joint (sealant)	--	--	ND (<0.10)	--	--	--	--
			Student Desk (laminated)	--	--	ND (<0.10)	ND (<0.10)	--	--	--
			Podium (laminated)	--	--	ND (<0.10)	ND (<0.10)	--	--	--
			Podium (laminated) (Replicate)	--	--	--	ND (<0.10)	--	--	--
			Table (laminated)	--	--	--	ND (<0.10)	--	--	--
			File Cabinet (metal)	--	--	--	ND (<0.10)	--	--	--
			Desk (laminated)	--	--	--	ND (<0.10)	--	--	--
207	207	Classroom	Door (mortar)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Teacher's Desk (laminated)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Student Desk (laminated)	--	--	ND (<0.10)	--	--	--	--
208	208	Classroom	Desk (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated) (Duplicate)	--	--	--	--	ND (<0.10) UJ	--	--
			Bookshelf (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
			Desk (laminated)	--	--	--	--	ND (<0.10) UJ	--	--
209	209	Classroom	Wall (painted plaster)	--	--	ND (<0.10)	--	--	--	--
			Floor (vinyl tiles)	--	--	ND (<0.10)	--	--	--	--
			Bookshelf (laminated)	--	--	ND (<0.10)	--	--	--	--

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 Malibu High School  
 Malibu, California

Room Placard ID	Floor Plan Room ID	Room Description	Surface Description	Phylmar Initial Sampling	Summer 2014		Winter 2014	Summer 2015	Summer 2016	Summer 2017
				November 2013	Pre-BMP Cleaning (June/July 2014)	Post-BMP Cleaning (August 2014)	(December 20, 2014)	Post-BMP Cleaning (August 2015)	Post-BMP Cleaning (August 2016)	Post-BMP Cleaning (August 2017)
210	210	Classroom	Desk (laminite)	--				ND (<0.10) UJ	--	--
			Bookshelf (laminite)	--				ND (<0.10) UJ	--	--
			Desk (laminite)	--				ND (<0.10) UJ	--	--
			Desk (laminite) (Replicate)	--				ND (<0.10) UJ	--	--
211	211	Classroom	Desk (laminite)	--	--	--	--	ND (<0.10)	--	--
			Table (laminite)	--	--	--	--	ND (<0.10)	--	--
			Bookshelf (laminite)	--	--	--	--	ND (<0.10)	--	--
			Bookshelf (laminite) (Replicate)	--	--	--	--	ND (<0.10)	--	--
212	212	Classroom	Door Handle Bar (metal)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Window (glazing)	--	ND (<0.10)	ND (<0.10)	--	--	--	--
			Cabinet Door (laminite)	--	--	ND (<0.10)	--	--	--	--
			Student Desk (laminite)	--	--	--	--	--	--	ND (<0.10)
			Student Desk (laminite) (duplicate)	--	--	--	--	--	--	ND (<0.10)
			Teacher Desk (laminite)	--	--	--	--	--	--	ND (<0.10)
213	213	Teachers' Lounge	Bookshelf (wood)	--	--	--	--	--	--	ND (<0.10)
			Desk (laminite)	--	--	--	--	ND (<0.10) UJ	--	--
			Counter Top (laminite)	--	--	--	--	ND (<0.10) UJ	--	--
			File Cabinet (painted metal)	--	--	--	--	ND (<0.10) UJ	--	--

**Notes:**

1. No concentrations were greater than U.S. EPA's comparison threshold of  $1 \mu\text{g}/100 \text{ cm}^2$ .
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.

**Abbreviations:**

- $\mu\text{g}/100 \text{ cm}^2$  = micrograms per 100 square centimeters
- $\text{cm}^2$  = 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
- UJ = Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

**Table 3. Summary of Bulk Sampling Results for Building D (100 and 200, Mako Shark) at MHS**

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)
				Phylmar (November 2013)
103	103	Science classroom	Window Caulk	6.69
			Interior Wall Paint	2.57
104	104	Science classroom	Window Caulk	7.15
			Interior Wall Paint	8.83
106	106	Biology classroom	Window Caulk	1.19
			Interior Wall Paint	5.08

Note:

1. No results exceeded exceeding 50 parts per million (ppm) PCBs, 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

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

TCL = target compound list

TSCA = Toxic Substances Control Act

USEPA = United States Environmental Protection Agency