



Santa Monica Malibu Schools

December 3, 2013

Message from the Superintendent
Santa Monica Malibu Unified School
Contact: Sandra Lyon, (310) 450-8338

PRELIMINARY PCB TESTING DATA (NOTE: RAW DATA WILL BE POSTED ONLINE)

To All Members of the Santa Monica-Malibu Unified School District Community:

Our journey to examine the health of our schools has just begun. Preliminary test results are in, but they are just the beginning. This process and the myriad questions before us are new to me, but I am seeking the advice and support of the government health and environmental agencies to assist in our gathering and assessment of data, and I am continually guided by the values of truth, basing actions on scientifically valid data and our interactions on compassion.

I know that members of our school community are anxious, and I know that those diagnosed with serious medical conditions are sincerely and deeply worried. Our best wishes go out to those distressed persons. We will gather the data necessary to answer your questions.

Preliminary Data

Attached is a summary of the preliminary environmental health data. Also attached to this website is the raw data from each test; the raw data was provided to the EPA for review on November 21, 2013. The task force made a decision to hold the raw data until (a) all tests were complete and (b) the test data had been summarized, to make it easier for readers to interpret the results. From now on, I will post all raw data as it becomes available, as I believe anything short of this serves only to provoke doubt.

The first-phase testing was intended to instruct our next steps, and it shall. The Board of Education and I hear the community's urgent requests for testing at Juan Cabrillo Elementary School and soils testing on the entire campus, but before we proceed with next-steps, I would like definitive guidance from the DTSC Schools

Program and EPA regarding the scope of work. This process, and the questions it engenders, is both complex and new to the school district. I plan to meet with leaders at the EPA and DTSC to ask for their guidance in creating investigations that measure the health of our schools and to address specifically the issues on the minds of our employees, students and parents.

I will outline the development of a comprehensive plan of action at the Board Study Session on December 12th.

TABLE 1. PCB AIR SAMPLE SUMMARY					
Sample Number	Location	Picograms	Nanograms	Air Volume (cubic meters)	Concentration (ng/m ³)
A-1	Library	504000	504	10.26	49.12
A-2	Blue Bldg. Room 1	589000	589	10.248	57.47
A-3	Blue Bldg. Room 2	163000	163	10.163	16.04
A-4	Blue Bldg. Room 8	158000	158	10.089	15.66
A-5	Blue Bldg. Room 9	269000	269	10.016	26.86
A-6	Blue Bldg. Room 5	239000	239	9.992	23.92
A-7	Room 301	375000	375	9.87	37.99
A-8	Mako Bldg., Room 104	203000	203	9.833	20.64
A-9	Mako Bldg., Room 103	199000	199	9.772	20.36
A-10	Mako Bldg., Room 105	128000	128	9.736	13.15

Mean	28.12
Median	22.28
Std. Dev.	15.13

Table 2. Malibu High School PCB WIPE SAMPLE SUMMARY - November 2, 2013

Sample Number	Location	Component	Surface Type	Picograms	Concentration ($\mu\text{g}/100\text{ cm}^2$)
W-1A	Library	Interior	Carpet	5010	0.01
W-1B	Library	Interior Sill	Plaster	7920000	7.92
W-1C	Library	Exterior Sill	Metal	47600000	47.60
W-2A	Blue Bldg. Room 1	Interior Floor	Floor Tile	685000	0.69
W-2B	Blue Bldg. Room 1	Interior Sill	Metal	11400000	11.40
W-2C	Blue Bldg. Room 1	Exterior Sill	Metal	470000	0.47
W-3A	Blue Bldg. Room 2	Interior Floor	Floor Tile	184000	0.18
W-3B	Blue Bldg. Room 2	Interior Sill	Metal	970000	0.97
W-3C	Blue Bldg. Room 2	Exterior Sill	Metal	66000	0.07
W-4A	Blue Bldg. Room 5	Interior Floor	Floor Tile	705000	0.71
W-4B	Blue Bldg. Room 5	Interior Sill	Metal	14700000	14.70
W-4C	Blue Bldg. Room 5	Exterior Sill	Metal	1000000	1.00
W-5A	Blue Bldg. Room 8	Interior Floor	Floor Tile	528000	0.53
W-5B	Blue Bldg. Room 8	Interior Sill	Metal	3340000	3.34
W-5C	Blue Bldg. Room 8	Exterior Sill	Metal	269000	0.27
W-6A	Blue Bldg. Room 9	Interior Floor	Floor Tile	493000	0.49
W-6B	Blue Bldg. Room 9	Interior Sill	Metal	841000	0.84
W-6C	Blue Bldg. Room 9	Exterior Sill	Metal	226000	0.23
W-7A	Mako Bldg., Room 103	Interior Floor	Floor Tile	727000	0.73
W-7B	Mako Bldg., Room 103	Interior Sill	Metal	768000	0.77
W-7C	Mako Bldg., Room 103	Exterior Sill	Metal	16700	0.02
W-8A	Mako Bldg., Room 104	Interior Floor	Floor Tile	162000	0.16
W-8B	Mako Bldg., Room 104	Interior Sill	Metal	833000	0.83
W-8C	Mako Bldg., Room 104	Exterior Sill	Metal	176000	0.18
W-9A	Mako Bldg., Room 105	Interior Floor	Floor Tile	147000	0.15
W-9B	Mako Bldg., Room 105	Interior Sill	Metal	958000	0.96
W-9C	Mako Bldg., Room 105	Exterior Sill	Metal	546000	0.55
W-10A	Thresher Bldg., Room 301	Interior Floor	Floor Tile	928000	0.93
W-10B	Thresher Bldg., Room 301	Interior Sill	Metal	24600000	24.60
W-10C	Thresher Bldg., Room 301	Exterior Sill	Metal	18400	0.02

Mean 4.04
 Median 0.70
 Std. Dev. 9.84

Table 3. Malibu High School PCB Bulk Sample Summary - November 2, 2013							
Sample Number	Location	Component	Color	Surface Type	Condition	Picograms	Concentration (parts per million)
B-1A	Library	Window Caulk	Gray	Rubbery	Good	1,870,000,000.00	1,870.00
B-2A	Blue Bldg., Room 1	Window Caulk	Silver	Rubbery	Good	164,000,000.00	164.00
B-3A	Blue Bldg., Room 2	Window Caulk	Silver	Rubbery	Good	6,330,000.00	6.33
B-4A	Blue Bldg., Room 5	Window Caulk	Silver	Rubbery	Good	98,700,000.00	98.70
B-5A	Blue Bldg., Room 8	Window Caulk	Silver	Rubbery	Good	52,800,000.00	52.80
B-6A	Blue Bldg., Room 9	Window Caulk	Silver	Rubbery	Good	19,900,000.00	19.90
B-7A	Mako Bldg., Room 103	Window Caulk	Gray	Not Listed	Good	6,690,000.00	6.69
B-8A	Mako Bldg., Room 104	Window Caulk	Gray	Not Listed	Good	7,150,000.00	7.15
B-9A	Mako Bldg., Room 106	Window Caulk	Black	Rubbery	Good	1,190,000.00	1.19
B-10A	Thresher Bldg., Room 301	Window Caulk	Clear	Rubbery	Good	9,160,000.00	9.16
B-1B	Library	Interior Wall Paint	Beige & Tan	Plaster	Good	15,200,000.00	15.20
B-2B	Blue Bldg., Room 1	Interior Wall Paint	Beige	Plaster	Good	32,300,000.00	32.30
B-3B	Blue Bldg., Room 2	Interior Wall Paint	Beige & Tan	Plaster	Good	7,270,000.00	7.27
B-4B	Blue Bldg., Room 5	Interior Wall Paint	Beige & Tan	Plaster	Good	16,000,000.00	16.00
B-5B	Blue Bldg., Room 8	Interior Wall Paint	Beige	Plaster	Good	14,700,000.00	14.70
B-6B	Blue Bldg., Room 9	Interior Wall Paint	Beige	Plaster	Good	16,700,000.00	16.70
B-7B	Mako Bldg., Room 103	Interior Wall Paint	Beige	Plaster	Good	2,570,000.00	2.57
B-8B	Mako Bldg., Room 104	Interior Wall Paint	Beige	Plaster	Good	8,830,000.00	8.83
B-9B	Mako Bldg., Room 106	Interior Wall Paint	Beige	Plaster	Good	5,080,000.00	5.08
B-10B	Thresher Bldg., Room 301	Interior Wall Paint	White & Tan	Plaster	Good	40,100,000.00	40.10

Mean	119.73
Median	14.95
Standard Deviation	413.84