

## Updated Analysis of Drinking Water Samples Montgomery County Public Schools

The following are the current results of the continuing analysis of water taken from all sources within a sample of public schools in Montgomery County. The high samples include remote sites (such as sink faucets) and not designated drinking water sources. The results for hallway water coolers are included as a separate data list of water sources most readily used by students.

All results are for water samples taken straight from water sources without implementing the mandatory water flushing of 15 minutes every four hours for water coolers and 60 seconds every four hours for other water sources. Water flushing is required in all schools, unless otherwise authorized by the health department, as indicated on the list below.

The testing results for the schools identified here and the remaining schools have been delayed significantly by backlogs that occurred in the laboratory facilities of the Washington Suburban Sanitary Commission (WSSC). This backlog was resolved only recently, but it caused a serious delay in the detailed scientific review and analysis by the Montgomery County Health Department and school system. The entire process is following protocols recommended by the U.S. Environmental Protection Agency. The action level standard is a water sample in which the level of lead content is greater than 20 parts per billion (ppb). This list will be updated as new testing results are released.

### Available Results for Schools Tested<sup>1</sup>

School	Total# <sup>2</sup>	#High PPB <sup>3</sup>	%High PPB <sup>4</sup>	Highest PPB <sup>5</sup>	Lowest PPB <sup>6</sup>	Median PPB <sup>7</sup>	Highest for Water Coolers Only <sup>8</sup>
1. Ashburton Elementary	102	6	6%	494	0.2	1.5	0.9
2. Bannockburn Elementary	77	26	34%	3396	0.5	13.5	2.2
3. Beall Elementary	92	3	3%	86.6	0	1.0	0.8
4. Bel Pre Elementary	88	23	26%	8014.0	0.2	7.2	1.8
5. Bells Mill Elementary	87	8	9%	255.4	0.2	5.0	1.6
6. Belmont Elementary	82	9	11%	95.2	0.2	5.6	2.3
7. Bethesda Elementary**	106	3	3%	469.3	0.4	1.4	1.7
8. Beverly Farms Elementary	95	13	14%	1718	0	5.9	1.6
9. Bradley Hills Elementary**	74	36	49%	1041.6	0.2	15	0.4
10. Broad Acres Elementary	126	19	15%	1126	0	4.9	n/a
11. Brooke Grove Elementary**	108	0	0%	16.6	0.2	1.2	0.5
12. Brookhaven Elementary	118	13	13%	833.6	0	3.4	1.1

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13. Burnt Mills Elementary	98	6	7%	143.8	0.1	3.4	3.4
14. Burtonsville Elementary**	121	10	8%	1309.4	0.2	2.5	0.8
15. Cabin John Middle	71	7	10%	237.9	0.3	2.6	n/a
16. Candlewood Elementary	85	18	21%	452.8	0.2	6.5	3.3
17. Cannon Road Elementary	67	23	34%	838.2	0.2	12	3.1
18. Capt. James E. Daly Elementary**	138	13	9%	449.3	0.1	0.8	0.1
19. Carderock Springs Elementary	55	7	13%	186.5	0	5.5	1.1
20. Carl Sandburg Learning Center	46	6	13%	804.3	0.3	4.1	1.2
21. Cashell Elementary	61	10	16%	151.8	0.1	4.35	0.5
22. Clarksburg Elementary**	78	12	15%	120.2	0.7	8.9	1.1
23. Clopper Mill Elementary	97	35	36%	10374	0.2	11.6	4.6
24. Cloverly Elementary	103	19	13%	691.2	0.2	5.6	0.5
25. Col. E. Brooke Lee Middle	139	57	47%	15020	0.3	11.6	10.6
26. Cold Spring Elementary	81	27	29%	1016	0.5	11	0.9
27. College Gardens Elementary	72	9	13%	70.2	0.1	3.7	1.8
28. Cresthaven Elementary	75	10	13%	155.1	0	4.5	12.6
29. Damascus Elementary	89	24	25%	452.4	0.3	9.0	4.9
30. Darnestown Elementary	70	23	30%	1584.5	0	11	3.2
31. Dr. Charles R. Drew Elementary	133	7	5%	312.0	0.5	2.2	1.6
32. DuFief Elementary**	97	32	33%	2175.3	0.1	10.8	1.8
33. East Silver Spring Elementary	86	24	28%	1085	0.3	9.1	8.6
34. Fallsmead Elementary**	93	31	33%	9085.7	0	5.7	0.6
35. Farmland Elementary**	78	24	31%	12578.4	0.3	11.3	1.5
36. Farquhar Middle	181	43	24%	874.7	0.5	5.7	5.1
37. Fields Road Elementary	73	12	16%	1390	0.1	5.8	3.9
38. Flower Hill Elementary	95	14	15%	145.5	0	4.6	n/a
39. Fox Chapel Elementary	93	2	2%	194.2	0.3	4.0	n/a
40. Gaithersburg Elementary	93	21	23%	109.3	0.2	10.0	n/a

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41. Gaithersburg High	143	29	20%	7584	0.1	5.3	n/a
42. Galway Elementary**	122	21	19%	335.2	0.1	6.2	2.1
43. Garrett Park Elementary	63	13	21%	173.2	0.2	5.6	0
44. Georgian Forest Elementary *	79	1	1%	40.3	0	0.2	0.1
45. Germantown Elementary**	87	22	25%	668.6	0.3	6.9	6
46. Glen Haven Elementary (Grosvenor)	67	17	25%	320.6	0.2	10.4	0.9
47. Glenallan Elementary	78	15	19%	2390.0	0.2	6.8	7.9
48. Goshen Elementary**	128	10	8%	93.1	0.2	4.9	0.5
49. Greencastle Elementary	118	9	8%	894.5	0.1	2.7	0.3
50. Greenwood Elementary	89	6	7%	135	0	3.5	1.4
51. Harmony Hills Elementary *	83	1	1%	34	0	0.3	n/a
52. Highland Elementary	161	17	11%	2171	0.1	2.2	3.5
53. Highland View Elementary	102	12	12%	2633.7	0.2	1.1	0.8
54. Jackson Road Elementary**	120	10	9%	45.7	0	8.1	0.3
55. Jones Lane Elementary**	118	30	26%	637.6	0.3	5.6	0.6
56. Judith A. Resnik Elementary	147	14	10%	3559.6	0.2	3.4	0.9
57. Kemp Mill Elementary *	125	1	1%	46.0	0	0.6	0.2
58. Lake Seneca Elementary	99	31	31%	500.4	0.1	11.9	0.6
59. Luxmanor Elementary	62	13	21%	1632	0.1	4.1	1.1
60. Mark Twain School**	74	10	14%	459.1	0.8	7.1	8.1
61. Maryvale Elementary	76	9	12%	207.3	0.3	4.6	n/a
62. Meadow Hall Elementary**	105	5	5%	742.9	0.1	1.2	0.7
63. Montgomery Knolls Elementary	74	6	8%	218.5	0	3.2	0.2
64. New Hampshire Estates Elementary	103	8	8%	1205	0.2	1.7	0.6
65. North Chevy Chase Elementary**	74	16	22%	244.9	0.5	7.6	0.9
66. Oak View Elementary	68	19	28%	496.6	0.1	16.9	n/a
67. Olney Elementary	104	36	35%	82.9	0.4	11.4	1.5
68. Pine Crest Elementary	87	10	11%	495.8	0	3.6	1.5

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69. Poolesville Elementary	105	16	15%	205.3	0.5	9.5	4.6
70. Poolesville High**	173	92	53%	6426.0	0.3	22.0	10.7
71. Potomac Elementary	80	12	15%	575.7	0.6	6.8	1.8
72. Rachel Carson Elementary**	147	34	23%	36371.5	0	9.2	0.2
73. Roberto W. Clemente Middle	182	72	40%	583.1	0	8.7	1.0
74. Rock Creek Forest Elementary	90	14	16%	980.2	0	5.1	1.3
75. Rock View Elementary *	112	1	1%	34.2	0	0.5	1.3
76. Rockwell Elementary	131	16	12%	307.7	0	3.5	0.3
77. Rolling Terrace Elementary	149	10	7%	33.1	0	2.5	0.6
78. Ronald McNair Elementary**	131	12	9%	8073.3	0.2	2.9	2.2
79. Rosemary Hills Elementary	118	8	7%	665.3	0	1.9	n/a
80. Rosemont Elementary *	89	1	1%	28.4	0.1	1.2	0.5
81. S. Christa McAuliffe Elementary	121	33	27%	1939	0	3.2	0.7
82. Seven Locks Elementary	55	18	33%	138.7	0.1	9.9	4.9
83. Somerset Elementary (at Radnor)	64	27	42%	843.3	0.1	11.1	3.4
84. Southlake Elementary	75	13	17%	2423	1	7.6	n/a
85. Spark Matsunaga Elementary	144	15	10%	10069.3	0	0.9	0.4
86. Stedwick Elementary	103	10	10%	118.2	0.2	4.6	2.8
87. Stephen Knolls School	82	22	27%	1004.8	0.2	8.9	n/a
88. Stone Mill Elementary	133	33	25%	536.8	0.1	2.9	1.3
89. Stonegate Elementary	96	35	36%	17171.8	0.7	13.9	4.0
90. Strathmore Elementary	96	33	34%	4134.0	0.1	8.1	0.6
91. Summit Hall Elementary	86	10	12%	633.7	0.1	6.3	3.3
92. Takoma Park Elementary	84	9	11%	165.8	0.2	4.0	n/a
93. Thomas Edison HS of Technology	85	24	28%	659.4	0.4	9.8	2.5
94. Thurgood Marshall Elementary	130	17	13%	1152.0	0	2.1	0.8
95. Travilah Elementary	75	6	4%	2694.2	0.3	3.3	1.1
96. Twinbrook Elementary	119	15	13%	1866	0.1	5.0	0.3

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97. Viers Mill Elementary	129	21	16%	589.6	0.1	3.1	0.7
98. Washington Grove Elementary	76	34	45%	1835	0.1	13.3	n/a
99. Waters Landing Elementary	131	29	22%	2069.8	0.4	8.2	1.0
100. Watkins Mill Elementary	87	11	14%	1256.0	0.4	6.9	3.9
101. Wayside Elementary	93	17	18%	2129	0	4	30.1
102. Weller Road Elementary	97	16	16%	1653.0	0.1	7.05	1.3
103. Westland Middle	162	40	25%	1597.8	0.2	3.0	0.5
104. Wheaton High	152	22	14%	4134	0	3.6	n/a
105. Wheaton Woods Elementary	114	26	25%	2263	0.2	9.5	2.5
106. Whetstone Elementary	116	13	11%	240.6	0.2	4.1	1.8
107. Woodlin Elementary	94	9	10%	778.6	0	2.7	1.4

\* Schools tested and removed from water flushing requirements by Montgomery County Health Department. (Other schools also removed from flushing protocols include Monocacy and Laytonsville elementaries, which use well and bottled water, and Seneca Valley High School, which has a separate filtering system.)

\*\* Schools added new to this list, as of October 22, 2004.

<sup>1</sup> Test analysis data as of October 22, 2004 and listed alphabetically by school

<sup>2</sup> Total#: Number of all water samples in the school.

<sup>3</sup> #High PPB: Number of water sources with levels of lead above 20 parts per billion (ppb).

<sup>4</sup> %High PPB: Percentage of water sources with levels of lead above 20 ppb.

<sup>5</sup> Highest PPB: Single water source with highest level of lead, measured as ppb.

<sup>6</sup> Lowest PPB: Single water source with lowest level of lead, measured as ppb.

<sup>7</sup> Median PPB: The point below which 50% of the water sources fell in terms of measured ppb.

<sup>8</sup> Highest PPB for Water Coolers Only: Percentage of hallway water coolers with lead levels above 20 ppb.