

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 have been added new to this update as a separate data list of water sources most readily used by students.

The testing results for the schools identified here and the remainder of the school system 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.

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.

Available Results for Schools Tested¹

School	Total# ²	#High PPB ³	%High PPB ⁴	Highest PPB ⁵	Lowest PPB ⁶	Median PPB ⁷	Highest for Water Coolers Only ⁸
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. Beverly Farms Elementary	95	13	14%	1718	0	5.9	1.6
8. Broad Acres Elementary	126	19	15%	1126	0	4.9	n/a
9. Brookhaven Elementary**	118	13	13%	833.6	0	3.4	1.1
10. Burnt Mills Elementary**	98	6	7%	143.8	0.1	3.4	3.4
11. Cabin John Middle	71	7	10%	237.9	0.3	2.6	n/a
12. Candlewood Elementary	85	18	21%	452.8	0.2	6.5	3.3

School	Total# ²	#High PPB ³	%High PPB ⁴	Highest PPB ⁵	Lowest PPB ⁶	Median PPB ⁷	Highest for Water Coolers Only ⁸
13. Cannon Road Elementary	67	23	34%	838.2	0.2	12	3.1
14. Carderock Springs Elementary	55	7	13%	186.5	0	5.5	1.1
15. Carl Sandburg Learning Center	46	6	13%	804.3	0.3	4.1	1.2
16. Cashell Elementary	61	10	16%	151.8	0.1	4.35	0.5
17. Clopper Mill Elementary	97	35	36%	10374	0.2	11.6	4.6
18. Cloverly Elementary	103	19	13%	691.2	0.2	5.6	0.5
19. Col. E. Brooke Lee Middle**	139	57	47%	15020	0.3	11.6	10.6
20. Cold Spring Elementary	81	27	29%	1016	0.5	11	0.9
21. College Gardens Elementary	72	9	13%	70.2	0.1	3.7	1.8
22. Cresthaven Elementary	75	10	13%	155.1	0	4.5	12.6
23. Damascus Elementary	89	24	25%	452.4	0.3	9.0	4.9
24. Darnestown Elementary	70	23	30%	1584.5	0	11	3.2
25. Dr. Charles R. Drew Elementary**	133	7	5%	312.0	0.5	2.2	1.6
26. East Silver Spring Elementary	86	24	28%	1085	0.3	9.1	8.6
27. Farquhar Middle	181	43	24%	874.7	0.5	5.7	5.1
28. Fields Road Elementary	73	12	16%	1390	0.1	5.8	3.9
29. Flower Hill Elementary	95	14	15%	145.5	0	4.6	n/a
30. Fox Chapel Elementary	93	2	2%	194.2	0.3	4.0	n/a
31. Gaithersburg Elementary	93	21	23%	109.3	0.2	10.0	n/a
32. Gaithersburg High	143	29	20%	7584	0.1	5.3	n/a
33. Garrett Park Elementary	63	13	21%	173.2	0.2	5.6	0
34. Georgian Forest Elementary *	79	1	1%	40.3	0	0.2	0.1
35. Glen Haven Elementary (Grosvenor)	67	17	25%	320.6	0.2	10.4	0.9
36. Glenallan Elementary	78	15	19%	2390.0	0.2	6.8	7.9
37. Greencastle Elementary	118	9	8%	894.5	0.1	2.7	0.3
38. Greenwood Elementary	89	6	7%	135	0	3.5	1.4
39. Harmony Hills Elementary *	83	1	1%	34	0	0.3	n/a
40. Highland Elementary**	161	17	11%	2171	0.1	2.2	3.5

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41. Highland View Elementary**	102	12	12%	2633.7	0.2	1.1	0.8
42. Judith A. Resnik Elementary**	147	14	10%	3559.6	0.2	3.4	0.9
43. Kemp Mill Elementary *	125	1	1%	46.0	0	0.6	0.2
44. Lake Seneca Elementary	99	31	31%	500.4	0.1	11.9	0.6
45. Luxmanor Elementary	62	13	21%	1632	0.1	4.1	1.1
46. Maryvale Elementary	76	9	12%	207.3	0.3	4.6	n/a
47. Montgomery Knolls Elementary	74	6	8%	218.5	0	3.2	0.2
48. New Hampshire Estates Elementary	103	8	8%	1205	0.2	1.7	0.6
49. Oak View Elementary	68	19	28%	496.6	0.1	16.9	n/a
50. Olney Elementary**	104	36	35%	82.9	0.4	11.4	1.5
51. Pine Crest Elementary**	87	10	11%	495.8	0	3.6	1.5
52. Poolesville Elementary	105	16	15%	205.3	0.5	9.5	4.6
53. Potomac Elementary**	80	12	15%	575.7	0.6	6.8	1.8
54. Roberto W. Clemente Middle**	182	72	40%	583.1	0	8.7	1.0
55. Rock Creek Forest Elementary	90	14	16%	980.2	0	5.1	1.3
56. Rock View Elementary *	112	1	1%	34.2	0	0.5	1.3
57. Rockwell Elementary	131	16	12%	307.7	0	3.5	0.3
58. Rolling Terrace Elementary	149	10	7%	33.1	0	2.5	0.6
59. Rosemary Hills Elementary	118	8	7%	665.3	0	1.9	n/a
60. Rosemont Elementary *	89	1	1%	28.4	0.1	1.2	0.5
61. S. Christa McAuliffe Elementary**	121	33	27%	1939	0	3.2	0.7
62. Seven Locks Elementary	55	18	33%	138.7	0.1	9.9	4.9
63. Somerset Elementary (at Radnor)	64	27	42%	843.3	0.1	11.1	3.4
64. Southlake Elementary	75	13	17%	2423	1	7.6	n/a
65. Spark Matsunaga Elementary**	144	15	10%	10069.3	0	0.9	0.4
66. Stedwick Elementary	103	10	10%	118.2	0.2	4.6	2.8
67. Stephen Knolls School	82	22	27%	1004.8	0.2	8.9	n/a

School	Total# ²	#High PPB ³	%High PPB ⁴	Highest PPB ⁵	Lowest PPB ⁶	Median PPB ⁷	Highest for Water Coolers Only ⁸
68. Stone Mill Elementary	133	33	25%	536.8	0.1	2.9	1.3
69. Stonegate Elementary**	96	35	36%	17171.8	0.7	13.9	4.0
70. Strathmore Elementary	96	33	34%	4134.0	0.1	8.1	0.6
71. Summit Hall Elementary	86	10	12%	633.7	0.1	6.3	3.3
72. Takoma Park Elementary	84	9	11%	165.8	0.2	4.0	n/a
73. Thomas Edison HS of Technology	85	24	28%	659.4	0.4	9.8	2.5
74. Thurgood Marshall Elementary	130	17	13%	1152.0	0	2.1	0.8
75. Travilah Elementary	75	6	4%	2694.2	0.3	3.3	1.1
76. Twinbrook Elementary	119	15	13%	1866	0.1	5.0	0.3
77. Viers Mill Elementary	129	21	16%	589.6	0.1	3.1	0.7
78. Washington Grove Elementary	76	34	45%	1835	0.1	13.3	n/a
79. Waters Landing Elementary**	131	29	22%	2069.8	0.4	8.2	1.0
80. Watkins Mill Elementary**	87	11	14%	1256.0	0.4	6.9	3.9
81. Wayside Elementary	93	17	18%	2129	0	4	30.1
82. Weller Road Elementary	97	16	16%	1653.0	0.1	7.05	1.3
83. Westland Middle**	162	40	25%	1597.8	0.2	3.0	0.5
84. Wheaton High	152	22	14%	4134	0	3.6	n/a
85. Wheaton Woods Elementary**	114	26	25%	2263	0.2	9.5	2.5
86. Whetstone Elementary	116	13	11%	240.6	0.2	4.1	1.8
87. 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 13, 2004.

¹ Test analysis data as of October 13, 2004 and listed alphabetically by school

² Total#: Number of all water sources in the school.

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

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

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

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

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

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