

Anne Arundel County Department of Health
 Environmental Health Division
 2006 Fort Meade Groundwater Investigation Results

Constituent	Number of Wells with Detects	Number of Wells with Exceedances	Range	Maximum Contaminant Level (MCL)
Atrazine	3	0	0.7 ppb – 1.1 ppb	3 ppb
Barium	2	0	110 ppb – 140 ppb	2,000 ppb
Beryllium	4	0	1 ppb	4 ppb
Bis(2-ethylhexyl) phthalate	9	0	1.3 ppb – 2.1 ppb	6 ppb
Chloroform	2	0	0.52 ppb – 8.3 ppb	80 ppb
Copper	9	3	60 ppb – 8,960 ppb	1,300 ppb
Dichlorodifluoromethane	1	0	.51 ppb	None
Lead	10	6	5 ppb – 84 ppb	15 ppb
MTBE	5	0	0.61 ppb – 18.4 ppb	20 ppb
Tetrachloroethene	1	0	.92 ppb	5 ppb
Trichloroethene	1	0	2.81 ppb	5 ppb

12 Properties sampled in the 2006 Sampling

Maximum Contaminant Levels are standards that are set by the United States Environmental Protection Agency (EPA) for drinking water quality. A Maximum Contaminant Level (MCL) is the limit on the amount of a hazardous substance that is allowed in drinking water under the Safe Drinking Water Act.

ppb = parts per billion

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Atrazine	1	0	.7 ppb	3 ppb
Barium	2	0	110 ppb – 140 ppb	2,000 ppb
Beryllium	2	0	1 ppb	4 ppb
Bis(2-ethylhexyl) phthalate	3	0	.7 ppb – .9 ppb	6 ppb
Chloroform	1	0	.99 ppb	80 ppb
Copper	4	0	70 ppb – 470 ppb	1,300 ppb
Dichlorodifluoromethane	2	0	.51 ppb – .54 ppb	None
Lead	7	3	7 ppb – 30 ppb	15 ppb
MTBE	7	0	.53 ppb – 8.44 ppb	20 ppb

9 Properties sampled in the 2007 Sampling

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 2008 Fort Meade Groundwater Investigation Results

Constituent	Number of Wells with Detects	Number of Wells with Exceedances	Range	Maximum Contaminant Level (MCL)
1,2,3-Trichlorobenzene	1	0	.78 ppb	70 ppb
1,2,4 –Trichlorobenzene	1	0	.64 ppb	NONE
Atrazine	2	0	.68 ppb – .79 ppb	3 ppb
Beryllium	3	0	1 ppb	4 ppb
Bis(2-ethylhexyl) phthalate	5	0	.59 ppb – 1.34 ppb	6 ppb
Chloroform	2	0	.52 ppb	80 ppb
Copper	5	1	0 ppb – 2,200 ppb	1,300 ppb
Hexachlorobutadiene	1	0	.7 ppb	NONE
Lead	5	2	8 ppb – 148 ppb	15 ppb
MTBE	6	0	.72 ppb – 2.14 ppb	20 ppb
Naphthalene	1	0	.6 ppb	NONE

8 Properties sampled in the 2008 Sampling

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