

## Mill Creek Total Nitrogen mg/l

Reading down a column gives you an indication of the levels from the Headwaters to the mouth (in the downriver creek flow direction) during a particular sampling period (day or two)  
 Reading across a row gives you an indication of the change over the course of weeks at one particular sampling location

		Rainfall (in)												
Meas. Date		0	0	.2+.73	0	.29+.7	0	0	1.22 on 5/11	.03+.01	0.12	0	.24+.22+.01	
Site		3/21 & 3/23	3/30	*4/7 & 4/8	4/11 & 4/12	*4/21 & 4/22	4/28	5/5 & 5/6	*5/12	5/18 & 5/20	*5/26	5/30	*6/1 - 6/3	
Mill Creek Headwaters ↑ ↓ Mouth Magothy River	M8	1.55	1.11	0.51	1.04	1.12	0.98	1.6	1.11	1.74	1.1		1.29	
	M7	1.8	0.92	1.3	1.8	1.65	1.53	1	2.08	0.84	1		0.61	
	<b>PUMPING STATION</b>													
	M6	2.7	0.82	1.3	1.2	1.72	1.51	0.92	1.45	0.79	1		1.38	
	M5	1.2	0.78	2.4	1.2	1	0.79	0.96	1.39	0.76	0.78		0.48	
	M4	2.1	0.56	1	1.64	1.8	1.29	1.73	1.44	1.45	1.92		1.29	
	M1	2.2	1.04	1.15		1.19		1.34		0.95			3.4	
	M2	1.46	0.89	0.72		1.1		0.5		1.1			1	
	HL													
	DR													
	M3	0.8	0.07	0.06		0.8		1		0.5			0.5	
	MH													
	FP													

### Notes:

indicates ACo Health Monitoring Site. Measurements are average mpn/100ml That data may also be found here: <http://www.ahealth.org/news.asp?id=94>

indicates Bayland / MRA / Volunteer Monitoring site. Single sample measurements

indicates Rain Event

A map of the sites may be found here: [http://www.corvetteforum.net/c3/juliet/MillCreek/all\\_sampling\\_points-11x17.pdf](http://www.corvetteforum.net/c3/juliet/MillCreek/all_sampling_points-11x17.pdf)

Sites are oriented in rough sequence in the downstream direction, from the headwaters to the Mill Creek Mouth (at Magothy River).

All measurements were not done at exactly the same time or day. I've grouped the closest measurement days together

M7 & M8 are upstream of the pumping station and have no sewage from the 12/7/05 failure. They are subject to bacteria from runoff and septic systems in the watershed

M5 is up a different creek branch than are M6, M7 and M8 See the map

M2 and HL are across the river from one another. M2 is off a private dock with 4-5 ft depth. HL is at a bulkhead with 1-2 ft depth.

Rainfall is as reported from BWI Airport

Rainfalls under 0.1 in per day for at least 48 hours before measurement date are not colored as "rain events"

Levels reported as <X (ie less than X) are entered as X since Excel doesn't like to plot <. Levels reported as >Y are entered as Y

Bayland data takes 2 weeks for lab processing. ACo data takes a few days for lab processing.

I manually typed in this data, so there could be some typos. If you see one, please let me know Juliet@JulietPage.com