

## Dividing 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)	0	0	.2+.73	0	.29+.7	0	0	1.22 on 5/11	.03+.01	0.12	0	.24+.22+.01
	Meas. Date	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
Dividing Cr. Headwaters	D6	1.9	0.84	1.3	0.88	0.79	0.69	0.73	1.18	0.78	0.81		1.54
	D7	0.74	0.51	0.75	0.69	0.58	0.48	0.56	1.14	0.46	0.52		1.22
	D5	0.75	0.54	0.68	0.68	0.55	0.44	0.52	1.09	0.46	0.47		0.41
	D4	0.97	0.07	0.1	0.04	0.04	0.5	0.5	0.87	0.21	0.72		0.27
	D1	0.92	0.3	0.72		0.84		0.8		11			1.3
	D2	0.8	0.77	0.03		1		0.8		0.7			0.5
	D3	0.8	0.82	0.73		1		0.9		0.5			0.5
Mouth	TH												
	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 Dividing 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

The pumping station is not located in the vicinity of any of the Dividing Creek measurement locations. See map.

D7 is up a different non-tidal creek branch than are D5 and D6. See the map

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](mailto:Juliet@JulietPage.com)