

E. Coli Monitoring Results - Summer 2014

NJ Surface Water Quality Standard: Samples should not exceed a geometric mean of 126 cfu/100 ml or a single sample maximum of 235 cfu/100 ml

RED entries indicate an exceedance of the NJ Surface Water Quality Standard

Storm dates (shown in *blue boxes*) indicate that 0.5" of rain or more fell in the 48 hours prior to sampling.

Purple entries indicate data was changed from > 2419.6 to 2419.6 or < 1 to 1 for calculations

Geometric mean calculation revised since final calculation due to > or < data in dataset

Site	E. Coli Results (colony forming units/100 ml)					5-week Geometric Mean (cfu/100 ml)
	7/15/2014	7/22/2014	7/29/2014	8/5/2014	8/12/2014	
BN1 - Bayne Park pond on Bayne Brook	461.1	17.5	50.4	1.0	2.0	15.2
CMA2 - Silver Brook in GSWA's Conservation Management Area	2419.6	488.8	1046.2	1732.9	1732.9	1300.2
GB6 - Foote's Pond on Great Brook	1732.9	365.4	161.6	105.0	73.3	239.5
LB4M - Loantaka Brook by Morris Township's Ginty Pool	1299.7	12.2	1.0	1	1.0	6.9
AN0220 - Loantaka Brook off Blue Stone Terrace	2419.6	160.7	727.0	686.7	275.5	556.7
LB2M - Loantaka Brook downstream from Kitchell Pond	2419.6	686.7	139.6	69.7	36.8	226.4
AN0221 - Loantaka Brook upstream from Green Village Rd.	2419.6	201.4	222.4	290.9	248.1	379.0
EECBR - Branta Pond at the Somerset Environmental Ed Center	90.8	15.6	79.4	40.8	95.9	53.5
EECBU - Bullfrog Pond at the Somerset Environmental Ed Center	75.4	33.6	187.2	51.2	27.2	58.1
EECLP - Lily Pad Pond at the Somerset Environmental Ed Center	111.2	15.8	38.3	16.6	1	16.2
PB4 - Primrose Brook in Jockey Hollow by the loop road	231	85.5	60.2	59.4	18.9	66.8
PB2 - Primrose Brook in Jockey Hollow off the Grand Loop Trail	488.4	27.5	22.3	35.5	25.6	48.6
CSP - Cat Swamp Pond in Jockey Hollow off the NY Brigade Trail	1119.9	26.2	29.5	18.5	3.1	34.6
BB2VA - Black brook upstream from Tanglewood Ln.	2419.6	307.6	344.8	172.3	53.8	298.7
BB0 - Black Brook off White Bridge Rd.	1732.9	248.1	686.7	579.4	248.9	531.9
PROA - Passaic River at Fisherman's Parking Lot	2419.6	111.2	238.2	231.0	201.4	312.5
CSE1 - Passaic River off Columbia Turnpike	2419.6	248.9	1413.6	228.2	248.1	545.3