

2017 Interim Report for QAPP for Coastal Lake Region of Monmouth County



The following Interim Report is based on results for year one of a two year monitoring program completed by the Monmouth County Health Department. Since this is an interim report, no conclusions are made from the data. Once the two year monitoring program is completed and the data is evaluated, conclusions and recommendations will be made at that time.

The objectives of the ambient surface water quality monitoring program are to support NJDEP and local watershed initiatives; track water quality trends through time; establish background water quality; obtain water quality data which can be correlated with specific land uses; provide data to NJDEP in support of the Integrated List; and coordinate the collection of bacterial data with the Cooperative Coastal Monitoring Program.

Our Total Number of Samples Sites 10

Total Number of Samples taken 2017— 80 samples taken

Number of Samples Taken Per Quarter

1st quarter January-March	2 nd quarter April-June	3 rd quarter July-September	4 th quarter October-December
10 samples	10 sample	50samples	10samples

Analysis Performed in 2017

January-March April-June July-September October-December	pH, Turbidity, Dissolved Oxygen, Temperature, Specific Conductance, Total Phosphorus, Total Nitrogen, Nitrate and Ammonia
July-September	E coli

Total Number of Analysis

E. coli	50
Total Phosphorus, Total Nitrogen, Nitrate and Ammonia	40
pH, Turbidity, Dissolved Oxygen, Temperature, Specific Conductance	80