Undergraduate Research Posters

Effects of Filtration Techniques in Identifying Dissolved Reactive Phosphorus versus Particulates in South Tobacco Creek Watershed

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## Abstract

Various research centers, scientists and professionals in analytical chemistry use different types of filter papers to determine the types of phosphorus (P) and particulates responsible for algal blooms and eutrophication in water bodies. However, those filter papers misinterpret results in defining dissolved reactive phosphorus (DRP) versus particulates, by ignoring the fact that particulates which could be enriched in phosphorus (P) or nitrogen (N) present in the water also contribute to eutrophication.



