PROFILING OF BANGON RIVER SYSTEM IN THE MUNICIPALITY OF ODIONGAN

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APPROVAL PAGE

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ABSTRACT

The objective of this study is to establish the water base line data for Bangon River in Odiongan., Romblon by means of conducting field survey and collecting water samples for analysis from September 2015 until February 2016. Water samples were collected from the five (5) selected stations of the river. The collected samples were analyzed based on the parameters preferred.

DENR Administrative Order No.34 is used to classify the water samples collected from the Bangon River based on the values of each parameter. The parameters preferred are pH, temperature, Biochemical Oxygen Demand$_5$ (BOD_5), Total Suspended Solids (TSS), nitrate, phosphate, surfactant, total coliform and fecal coliform. Based on the recorded results, the average value of pH belongs to CLASS A, CLASS B and CLASS C.

The average BOD_5 was classified as CLASS A and CLASS B, average TotalSuspended Solids was classified as CLASS AA, Nitrate also belongs to CLASS AA, average Phosphate, Surfactant and Fecal Coliform passed the classification of CLASS A while Total Coliform belongs to CLASS C.