

THE DESIGN OF A SANITARY SEWER SYSTEM
FOR MINAVILLE SUBDIVISION
IN BALETE, BATANGAS

A Research Presented for
the Oral Examination

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Bachelor of Science in Civil Engineering

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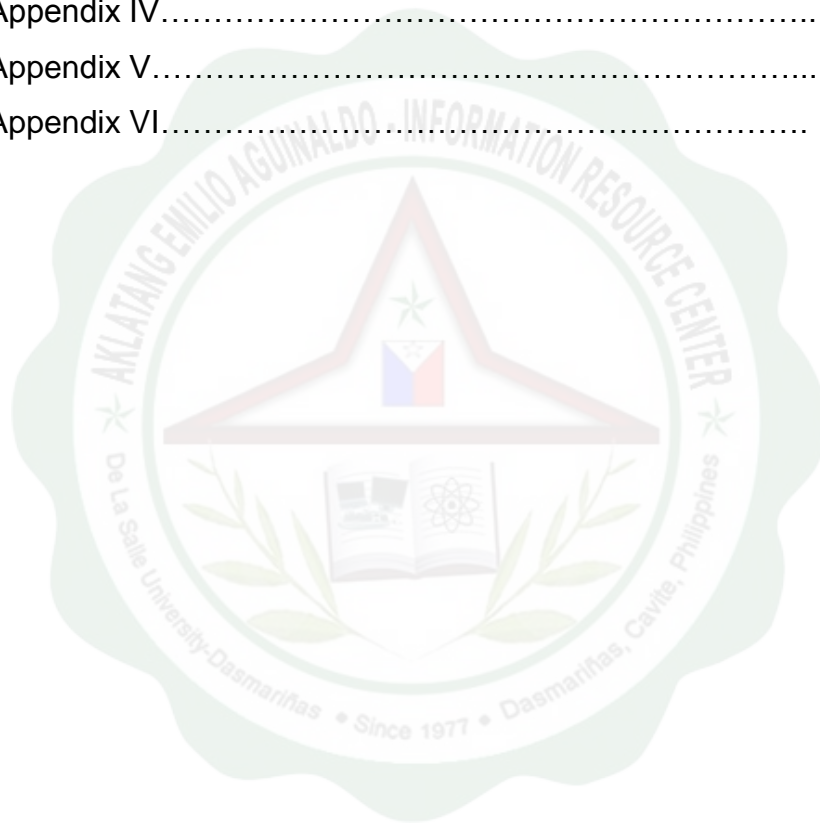
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ABSTRACT

This study was intended to design a Sanitary Sewer System that will convey domestic wastewater from houses' septic system in Minaville Subdivision to the nearest natural outlet. This is in accordance to the implemented law that domestic sewer system has to be separated from storm water sewer system. For this purpose, the researchers gathered essential data such as project description, topography and plan layout and made use of empirical models. A Sanitary Treatment Plant was not utilized because the researchers made use of Septage Management System. The results of the computations for the best sanitary sewer system design were presented showing the pipe's capacity, appropriate pipe diameter, its slope and depth, and bedding conditions.