

**STUDY ON THE DRAINAGE SYSTEM AT BARANGAY UNGKA II,
PAVIA ILOILO**

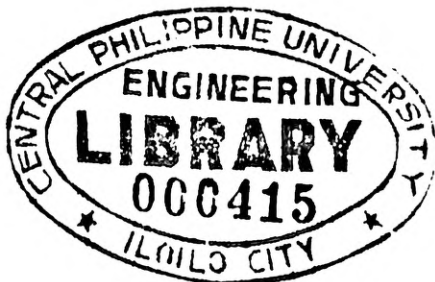
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ABSTRACT

Frequent inundation of Barangay Ungka II even during ordinary rainfall is one of the major problems that the residents are now facing. It is also one of the major factors that hinder the industrial development of Pavia, the Regional Agro-Industrial Center (RAIC) in Western Visayas.

This problem arises from the poor and inadequate drainage system and the drainage of sewage and surface runoff to the primary and secondary channels of the watercourses in the area. The problem is aggravated by lack of social and environmental awareness, which greatly affect the living conditions of the inhabitants and local economy.

A site survey was conducted to grasp the existing condition of the drainage system. Actual interviews to the inhabitants were made to determine the severity of flood during ordinary rain, intense rainfall, and during typhoons where there is river over-bank flooding. Data were also gathered from the different government offices. The data and the existing condition were thoroughly studied, and proposals and recommendations are made.

Thru the concerted efforts of the residents of Ungka II and the municipal officials in removing the sediments/garbage in the drainage channel and structures, additional lines of drainage facilities, the enforced maintenance works and the enactment of ordinances for this purpose will alleviate frequent inundation and mitigate flood damages.