

DED DESIGN OF WATERFALL AREA AS AN EFFORT FOR MAINTAINING SUSTAINABLE TOURISM AT VILLAGE OF SIDOHARJO

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ABSTRACT

This community service aimed to: (1) design a Detailed Engineering Design (DED) of a waterfall area as an effort to maintain sustainable tourism at village of Sidoharjo, Regency of Kulon Progo, Special Region of Yogyakarta and (2) determine the feasibility of the DED in terms of economic aspects. Subjects of this program are 25-30 residents of Sidoharjo. This community service involved the headman of Sidoharjo, heads of neighborhood, heads of blocks, public leaders, and members of a local organization in Sidoharjo, Kulon Progo, Special Region of Yogyakarta. The results of this community engagement are: (1) the DED designed in order to support sustainability of the number of tourists visiting the waterfall area has done successfully and (2) regarding its economic aspects, the DED is highly feasible due to the fact that it costs an affordable price to build.

Kata Kunci: waterfall, Detailed Engineering Design (DED), sustainable tourism