

UNIVERSITI TEKNOLOGI MARA PERAK

SLIMTANK FOR GREYWATER SYSTEM

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requirements for the degree of

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AUTHOR'S DECLARATION

I declare that the work in this innovation project report was completed in compliance with Universiti Teknologi MARA's regulations. Unless otherwise stated or acknowledged as referenced work, it is original and the result of my own efforts. This topic has not been submitted for any degree or qualification to any other academic or non-academic institution.

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ABSTRACT

There are many various ways to construct green, as well as many varied interpretations of the term "building green." "Building green," according to one definition, means "constructing in a way that dramatically minimises carbon consumption and greenhouse gas (GHG) emissions from the actual construction process, as opposed to traditional building design." Building green means, in the end, creating energy-efficient structures that save money while also safeguarding the environment. The most obvious advantage of green construction is that it reduces carbon emissions and other greenhouse gas emissions. Building operations and materials are responsible for over 40% of global CO₂ emissions. We could make significant progress toward averting a climate crisis if building activities were managed sustainably and with a minimal carbon footprint. Greywater recycle system had been choosing to be the innovation of technology to helps achieve a green building index. This innovation plays an important role to save water in the building. This report will gather an information and analysis the data to find a solution from greywater system problem. At the same time, create a product to achieve the goal of green campus. The purpose of this study to make an improvement from previous greywater system technology in terms of design, process, and installation.