

**FEASIBILITY STUDY ON REUSING
SEWERAGE TREATMENT PLANT (STP)
EFFLUENT IN AQUAPONICS SYSTEM.**

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SUPERVISOR'S DECLARATION

I hereby declare that I have checked this thesis and in my opinion, this thesis is adequate in terms of scope and quality for the award of the degree of Bachelor Degree in Civil Engineering.

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STUDENT'S DECLARATION

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

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LIST OF SYMBOLS

BOD	Biochemical Oxygen Demand
CIA	Central Intelligence Agency
DO	Dissolved Oxygen
FAO	Food and Agriculture Organization
IBC	Intermediate Bulk Container
PE	Population Equivalent
pH	Potential of Hydrogen
RAS	Recirculating Aquaculture Systems
Sdn Bhd	Sendirian Berhad
STP	Sewerage Treatment Plant
UN	United Nation
WHO	World Health Organization

LIST OF ABBREVIATIONS

°C	Degree Celsius
L	Litre
Mg/L	Milligram per litre
Mg/kg	Milligram per kilogram