

WATER QUALITY STUDY AT TASIK CHINI  
IN 2013 AND 2016 DURING  
WET AND DRY SEASON

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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 of 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 ABBREVIATIONS

AN	Ammoniacal Nitrogen
APHA	American Public Health Association
BOD	Biochemical Oxygen Demand
COD	Chemical Oxygen Demand
DID	Department of Irrigation and Drainage
DO	Dissolved Oxygen
DOE	Department of Environment
EC	Electrical Conductivity
EPA	Environmental Protection Agency
FE	Iron
HACH DR 5000	Spectrophotometer Procedures Manual
H <sub>2</sub> SO <sub>4</sub>	Sulphuric Acid
K	Pottasium
Mg	Magnesium
Mg/L	Milligram per litre
MPN	Most Probable Number
Na	Sodium
NH <sub>3</sub> -N	Ammonical Nitrogen
NO <sup>-3</sup>	Nitrate
NTU	Nephelometric Turbidity Units
NWQS	National Water Quality Standard
pH	Potential Hydrogen
PO <sup>3-4</sup>	Phosphate
SI	Sub-indices
TSS	Total Suspended Solid
US	United State
μs/cm	Microsiemens per centimetre
WQI	Water Quality Index