

**CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA, SHAH ALAM**

**ASSESSMENT ON WATER QUALITY FOR RESIDENTIAL
BUILDING IN KLANG VALLEY**

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**Academic Project submitted in partial fulfilment of the
requirements for the degree of
Bachelor of Building Surveying (Hons)
Centre of Studies for Building Surveying
Faculty of Architecture, Planning & Surveying**

December 2013

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**“I hereby declare that this academic project is the result of my own
research except for the quotation and summary which have been
acknowledged”**

Student's Name : Muhamad Amer Bin Zakaria

Signature : 

UITM No. : 2010156277

Date : January 27th 2014

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**ACADEMIC PROJECT
BSS608 & BSS658**

CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS

**This is to confirm that the student has amended his/her
academic project as directed and therefore allowed to compile**


Marks	Grade
67	B

Student's Name : **Muhamad Amer Bin Zakaria**

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Residential Building In Klang Valley**

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Signature :  30/1/2014

Date : **January 27th 2014**

ABSTRACT

This research has been made of this is a study on the assessment of water quality in residential buildings in the Klang Valley. This research has four objectives to assess water quality for residential buildings in the Klang Valley such as to understand the standard of water quality supply to building or consumer, to investigate the causes of poor water quality in buildings, to analyze the contained of sample water taken from supply system in building and to give recommendation for the solution to the problem of poor water quality in building. The study was conducted using informal interviews and laboratory testing of certain parameters. The six samples of water quality laboratory tested based on the parameters set by the Jabatan Bekalan air (JBA), Kementerian Kesihatan Malaysia and Worth Healthy Organization (WHO). The results of laboratory tests indicate that the of each parameter standard are high in each buildings. It show that the quality of water in residential buildings in Klang Valley less safe to use for daily activities. It can be detrimental to human health. To address this concern, some suggestions are made to reduce the problem of water quality and ensure water qualities in residential buildings are safe and protected from any contamination.

ACKNOWLEDGEMENTS

Alhamdulillah thanks to the Almighty Allah for His grace and blessings and peace for our beloved Prophet Muhammad eventually Undergraduate Academic Project to be completed by the specified period.

Sincere appreciation and gratitude to Mr. Md Nadzari Mohamed Jalil as my supervisor that provide me advice and guideline throughout the process of writing this research.

I am indebted to Mr. Sukarno, Mrs. Aisyah, Mr. Abdullah, Mrs. Zubaidah, Mrs. Syamsiah, Mr. Arsyad and Mr. Zuhari the as staffs or occupant in residential building at Klang Valley, for allowing me to conduct water quality monitoring in the building, I must thank my friends, for their advice, encouragements, support, patience, understanding, and kindness.

I am especially indebted to my parents and family for immeasurable support encouragements, advice and prayers, without which this study could not have been successfully completed.

Last but not least, I am most grateful to Allah for blessing me with the protection and provision needed to successfully complete this study.