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STUDY ON MAINTENANCE AND OPERATION OF WATER TREATMENT PLANT

**DISSERTATION BACHELOR (Hons)
IN BUILDING SURVEYING
OCTOBER 2007**

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ABSTRACT

Water treatment plants are those facilities that treat water, ground water or surface water, and produce potable water for public consumption or provide primary treatment and produce "industrial water." A wastewater discharge permit is typically required when the treatment of the raw water results in a discharge of wastewater (e.g., backwash) to surface water.

Other wise a good and systematic maintenance to the mechanical and electrical equipments will lengthen the lifespan of the equipments. A suitable maintenance also important in order to make sure that the equipments are in a good condition. For example, is a right and well scheduling of the preventive maintenance and corrective maintenance.

Operation also plays a very important role in this water treatment process. A good and systematic process is important to produce a highly quality water. With a systematic arrangement of all the mechanical and electrical equipments, this can ease the water treatment operations.

Both factors, operation and maintenance affect the efficiency of water quality.

A C K N O W L E D G E M E N T S

This dissertation was made possible by the efforts of many individuals and groups, whose assistance is greatly appreciated. First and foremost, my gratitude goes to my dissertation supervisor, Sr. Mahayudin Mahmood, for the guidance and supervision.

Special gratitude extended to En. Hafiz Yusof and En. Samsuri of Wangsa Maju Water Treatment plant, Encik Cinasammy of Ampang Intake Water Treatment Plant and Encik Shahnizam Omar for helping me with valuable information.

Finally, I would also like to convey my appreciation to all my lacquerers, classmate, and friend. May the joy and experience we had together always, be in our mind.

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