

TECHNICAL ASSESSMENT OF
PERAK WATER
SUPPLY RULES 1951

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WATER SUPPLY RULES 1951

BY

MOHD NORDIN BIN ADLAN



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SUPERVISOR: Mr.L.G.Hutton, B.Sc., Dip.Oc., C.Chem., M.R.S.C.,
F.G.S., F.I.W.E.M.

ADVISOR: Mr.David Sims, C.Eng., M.I.C.E., M.I.Mun.E., F.I.W.E.M.

WEDC, Department of Civil Engineering

SUMMARY

This report examines and evaluates the technical aspects of Perak Water Supply Rules 1951(PWSR) in Malaysia. The study focuses on the existing practices for the application of domestic water supply, technical requirements of PWSR and Model Water Byelaws 1986 (United Kingdom), and the appropriate approach for byelaws enforcement to safeguard the health and safety of the consumers. These are compared with byelaws used by the South Staffordshire Water Company, Severn-Trent Water Authority and Thames Water. Some areas of improvements for Perak Water Supply Department(PWSD) are identified. These are as follows:-

1. Inefficient methods of handling application for domestic water supply.
2. Insufficient technical details of PWSR to prevent contamination, waste, undue consumption and misuse of water.
3. Inappropriate methods of byelaws enforcement with regard to legal implications and implementation.

Conclusions are drawn and recommendations are made to achieve an effective operation and administration of the New Supply Section of PWSD. The important ingredients of these recommended improvements are;

- i) To use an appropriate technology to process application for water supply,
- ii) To keep the consumers well informed on the needs of the department,
- iii) To revise the technical details of PWSR,
- iv) To develop suitable strategies for the enforcement of byelaws and
- v) To create the posts of byelaw inspector.

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CHAPTER 1
INTRODUCTION

1.0. BACKGROUND

The 'Water Supply Rules 1951' is used by the Perak Water Supply Department of Malaysia to serve as a legitimate reference in plumbing installations. The main purpose of the Water Supply Rules is to prevent waste, undue consumption, misuse of water, contamination and to provide for the proper use of waterworks fittings to ensure the safety of the public. The 'Rules' also deals with procedures involved for private supply and registration of licenced plumbers. It was issued in 1951 under Section 43, Water Supply Enactment of the Federation of Malaya.

1.1. THE NEED OF A PROJECT.

There is no attempt being made to improve or update the technical aspects of the Perak Water Supply Rules 1951. As a result there is no distinction on clauses for the prevention of waste or contamination. In addition to that the application form for water supply is still in the old format without any guidelines given to the consumers. The procedures involved to process the application form will take a considerable time for approval. Thus there is a need to study and compare the practices of the water undertakers in the United Kingdom in order to improve the existing practice.