

TALK ON SEWERAGE WORKS, DESIGN CRITERIA, SEWER TESTING, CONSTRUCTION ISSUES AND PROCEDURES FOR SUBMISSION

by Ir. FATHIAH BINTI ISMAIL



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SYNOPSIS

Sewerage system plays a crucial role in the construction of residential, industrial, or commercial projects, as they significantly impact the quality of life within a community. As human societies transitioned from nomadic cultures to settled civilizations, the proper disposal of waste, both solid and liquid, became a significant concern. Consequently, the establishment of a modern and efficient sewerage system is of utmost importance for any country to ensure the treatment of wastewater before its discharge into rivers. Over the past five decades, numerous sewage treatment methods have been developed to address the imperative of protecting public health and the environment. In this presentation, we will delve into the intricacies of sewerage works, including the planning, design, and implementation processes and procedures involved. By exploring these topics, we aim to highlight the significance of sewerage systems in promoting sustainable development, protecting public well-being, and fostering a harmonious coexistence with the environment.

ABOUT THE SPEAKER



Ir. FATHIAH BINTI ISMAIL

Ir. Fathiah Ismail is now working as a General Manager in the Sewerage / Public Health Division at Minconsult Sdn Bhd. She graduated with B. Eng. (Hons) in Civil Engineering from Universiti Sains Malaysia (USM), 1997. She is responsible for the overall feasibility study, design concept and preliminary engineering, review and approval of specialist contractor design, detailed design, tender document preparation and evaluation, quality assurance/quality control during design and construction stages, contract administration, local/statutory authority approval and management of the Sewerage / Public Health Division. The projects include: Shah Alam Sewerage Project, Cyberjaya Development Project, Development of New KLIA2 and Associated Works at KL International Airport Sepang, Selangor, Universiti Malaysia Sabah (UMS) external sewer, 'Kerja-Kerja CCTV Rangkaian Paip Pembedungan Awam Sedia Ada di Dalam Kawasan RoL (Fasa 1 dan Fasa 2)', Package 1: Phase 1A Main Infrastructure Works for Ipoh Raya Integrated Park on Identified Land Plots in Simpang Pulai, Mukim Sungai Raya, Daerah Kinta, Perak, 'Kajian Terperinci Sistem Pembedungan Dan Sisa Domestik Di Kawasan Rancangan Felda Seluruh Malaysia', Design & Construction of LRT3 Provisional Stations (Station 4, 8, 13), 'Cadangan Menaiktaraf Sistem Pembedungan Sedia Ada Di Tempat Letak Kereta Bertingkat Taman Botani Perdana, Kuala Lumpur', Upgrading Existing Pump Station 034, Stp 033, Proposed Sewerage Network For Phase 1, Glenmarie, Selangor, 'Projek Pembesaran Dan Menaiktaraf Lapangan Terbang Sultan Ismail Petra, Kota Bharu, Kelantan', 'Perkhidmatan Perunding Sebagai Pemeriksa Kerja-Kerja Menaiktaraf 644 Loji Rawatan Kumbahan Perenggan (III) Standard A Kepada Perenggan (I), Peraturan Kualiti Alam Sekeliling (Kumbahan) 2009 Oleh IWK Bagi Zon Tengah (Selangor)', 'Projek Rangkaian Paip Pembedungan Sunggala, Port Dickson, Negeri Sembilan', Kuala Terengganu, Pulau Redang and Pulau Perhentian Sewerage Facilities and National Sewerage Catchment Plan Study - Phase 1A.

