



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Technical Visit to Pantai 2 Sewage Treatment Plant, Pantai Dalam

(Organised by Environmental Engineering Technical Division)

BEM Approved CPD/PDP hours: 3 Ref No: IEM16/HQ/460/V

- Date : 1 December 2016 (Thursday)
 Time : 8.15 a.m. to 12.30 p.m. (Registration starts at 8.15 a.m.)
 Venue : Kampung Pantai, Pantai Dalam, Kuala Lumpur
 Transport : Coach will be provided. Participants are to assemble at IEM office at 8.15am.
 The coach will depart from IEM at 8.30 am sharp

SYNOPSIS

The Pantai Catchment is the largest of eight catchments within the city of Kuala Lumpur. The catchment covers an area of over 6,700 ha, which include the central and south-western parts of Kuala Lumpur. Within the Pantai catchment are Bandar Baru Sentul, the proposed Sentul Raya Development, Central Business District, and popular recreational areas such as Bukit Kiara and Botanical Gardens. The previous Sewage Treatment Facilities for Pantai was completed in 1958 using a system designed to serve an ultimate of 527,000 PE. The first phase of the Pantai STP, completed in 1958, was designed to treat an average dry weather flow of 23,653 m³/day and covering 17 ha of the total 35 ha site. The Pantai STP was expanded in 1984 when a 72,730 m³/day Aerated Lagoon (AL) was constructed. Treated effluent is discharged directly to Klang River. The existing Pantai CSTP consists of large Aerated lagoons and recently constructed mechanize plant (which are separated by the NPE) has a total capacity for 877,000 PE, whereas the Pantai CSTP is presently serving a connected PE of 1.18 million. Thus, the Pantai CSTP is highly overloaded and has to be upgraded immediately. The new STP (Pantai 2 STP) is to be constructed at an ultimate capacity of 1.423 million PE.



ITINERARY

TIME	ITINERARY
8.15 am	Gathering & registration at IEM
8.45 am	Depart from IEM to Pantai Dalam
9.00am	Welcome address and briefing / Presentation in Theatre Hall by BEWG / PMC
10.00am	Tour to SCADA Room & Rooftop
10.40am	Visit to underground STP
11.30am	Tour to above ground facility
12.00pm	Refreshment / Lunch
12.30 pm	End of tour

- ✓ The visit is strictly limited to 40 **participants** registered on a first-come, first-served basis.
- ✓ Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form **before 25 November 2016** together with the payment.
- ✓ Cheques are to be made payable to **The Institution of Engineers, Malaysia**.
- ✓ Please note that the commitment fee must be settled prior to the visit. Payment on the day of the visit is not acceptable.
- ✓ After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- ✓ Members are also reminded that if a place is reserved, IEM may cancel the reservation if payment is not received.

Ir. Santha Kumaran a/I Erusan
 Chairman
 Environmental Engineering Technical Division, IEM

Commitment fees (inclusive GST) (Nonrefundable & nontransferable)

IEM Member : RM50.00
 Non Member : RM80.00

REPLY SLIP

Chairman
 Environmental Engineering Technical Division, IEM

I wish to participate in **Technical Visit to Pantai 2 Sewage Treatment Plant** on **1 December 2016**, organized by your technical division of IEM. I enclosed herewith the payment proof of RM_____ commitment fee for the visit. I will be participating in the visit at my own risk and hereby indemnify IEM fully from all claims arising from any injury, damage or loss that may be sustained by me.

Name:	Membership Number:
Email Address : (please write clearly as the confirmation letter will be sent via email)	Contact Number:
Company Name:	Signature: