

# The Institution of Engineers, Malaysia

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## Talk on “E/One Low Pressure Sewer Systems”

(Organised by the Building Services Technical Division, IEM)

BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/418/T

Date : 19<sup>th</sup> October 2016 (Wednesday)  
Venue : C&S and TUS Lecture Room, 2<sup>nd</sup> Floor, Wisma IEM, Petaling Jaya  
Time : 5.30pm-7.30 PM  
Speaker : Mr Lee Teck Ngu

### SYNOPSIS

Introduction to Pressure Sewer Systems (PSS). This section focuses on an overview of the Low Pressure Sewer System (LPS). The outline is as follows:

- Environment One’s Low Pressure Sewer system and how it works
- Salient Features of the Low Pressure Sewer system
- Environment One background

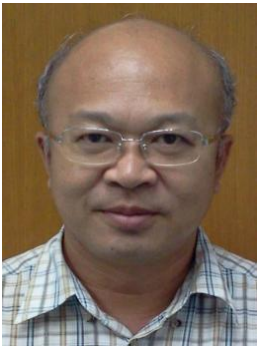
Advantages of Pressure Sewer Systems (PSS) specifically Low Pressure Sewer Systems (LPS). This section will touch specifically upon:

- Comparison between Gravity and Low Pressure Sewer systems
- Benefits of using Low Pressure Sewer systems
- Technical data and pump selection
- Reliability in the field
- Various models of grinder pumps
- List of countries using Environment One’s Low Pressure Sewer system

Case Studies of the Low Pressure Sewer System. This section will walk viewers through 3 different Pressure Sewer system related projects:

- EcoClean Technology Sdn. Bhd. case study for an area with 40.3 population equivalent (PE)
- The Peninsular Eco Project
- Site visit photos of a Low Pressure Sewer system with grinder pump station installation in New Zealand

### ABOUT THE SPEAKER



Mr. Lee Marketing Manager of EcoClean Technology Sdn Bhd. He has a Bachelor Engineering of Environmental from National Chung Hsing University, Taiwan, R.O.C and Master of Environmental Science from University Putra Malaysia (UPM). Mr. Lee began his career in Pacific Engineering Ltd Co. As EIA Coordinator dealing with authority and the respective department in Taiwan. He has more than 20 years experience in waste water treatment, especially in sewerage treatment. He started his career in EcoClean Technology in 2009. Responsible in project of Designing E/One Low Pressure Sewer System and water, Sewerage treatment plant, Project Management, Submission to authority, Site Coordination with sub contractors.

**Ir. Wong Win Heng**  
Chairman  
Building Services Technical Division, IEM  
Session 2016 / 2017

### ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- Non members may also attend the talk but will need to pay a registration fee of RM50 and an administrative fee of RM15. GST is inclusive.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at [www.myiem.org.my](http://www.myiem.org.my) under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- ***IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is inclusive.***

### ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of RM15 is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

### PERSONAL DATA PROTECTION ACT

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