

NEWSLETTER

INDUSTRIAL VISIT



📍 **INDAH WATER**

📅 **3RD OF JAN 24**

👥 **GROUP 8**



THE TECHNOLOGIES USED

- Incorporating both STP and Regular Power: Small Sewage Treatment Plant capable of accommodating additional co-treatment from fecal sludge, contingent upon the available excess capacity.
- Requiring a large land area and incurs substantial Capital Expenditure (CAPEX) and Operating Expenditure (OPEX).
- Typically, the footprint of a Centralized Sludge Treatment Facility (CSTF) is smaller than that of a Centralized Sewage Treatment Plant (CSTP).
- Specific sites for sludge disposal involve trenching in remote areas with a low water table.



Maarof Saqr
A23MJ4006

Mugtaba Abdulla
A23MJ0010

Ma Yiman
A23MJ4005

Gana Dokmak
A23MJ0004

GROUP 8

SUMMARY OF THE VISIT

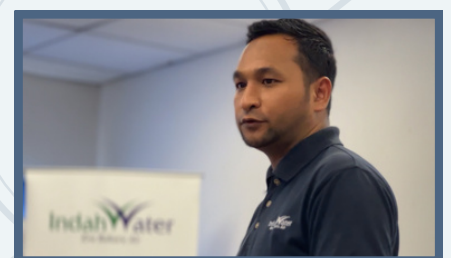
As an introduction to Indah-Water's approach in enhancing knowledge, skills, and competencies to align with business and industry requirements.

The visit program is focused on discussing the issues and challenges faced in the sewage industry. As well as the technologies used, understanding sewerage system fundamentals, and delving into new processes and skills.

During the visit; the company representatives guided us through out to show us the process of sewage system, educate us about the importance of such a system. And explain the connection between software engineering and Indah Water's sewage system— all of which were topics that captivated the majority of our interest.



MANY PROFESSIONALS IN THE FIELD SPOKE





ISSUES & REFLECTION

 3RD OF JAN 24

 GROUP 8

ISSUES AND CHALLENGES

BUDGET

Limited budget for sanitation .

LAND

Land scarcity for sewerage in city areas .

TREATMENT PLANT

No or limited sewage treatment plants in remote area .

DISPOSAL AREA

No or limited sludge disposal area .

PUBLIC AWARENESS

Lack of public awareness on desludging or environmental services .

REFLECTION

As software engineering students, We found the visit very informative, opening our eyes to a whole new industry. We got to know more about the purpose of our major and how involved its in other unconventional industries .

The level of fatigue involved, the various number of technologies, how careful the employees have to be and how involved and well educated every individual is about each field.



Maarof Saqr
A23MJ4006

Mugtaba Abdulla
A23MJ0010

Ma Yiman
A23MJ4005

Gana Dokmak
A23MJ0004

GROUP 8

To know more visit : <https://www.iwk.com.my>