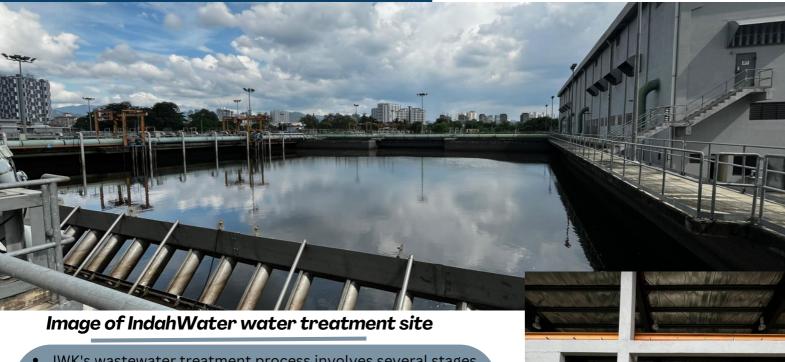




WWW.HTTPS://WWW.IWK.COM.MY/.COM

**3 January 2024** 



- IWK's wastewater treatment process involves several stages. Firstly, wastewater from industries and homes is collected through an extensive network of sewerage systems. The collected sewage undergoes primary treatment, where solid particles are separated. Subsequent Fly, biological treatment takes place, utilizing microorganisms to break down organic matter. Finally, the treated water undergoes secondary clarification before being safely discharged into the environment.
- The system adopted by IWK integrates cutting-edge technology and adheres to strict environmental regulations. The company emphasizes sustainability and continually upgrades its facilities to enhance wastewater treatment efficiency. Additionally, IWK engages in community awareness programs to promote responsible water usage and environmental conservation.
- In summary, Indah Water Konsortium has played a pivotal role in Malaysia's wastewater management since its establishment in 1994. Through a comprehensive and technologically advanced process, the company ensures the proper treatment of industrial and domestic sewage, contributing to environmental sustainability and public health.

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Affiq Firdaus - A23MJ5083 Muntasir Rahman- A23MJ0013 Md Muinuddin - A23MJ0008

A visit to a sewage treatment facility offers a



## **Our Reflection**



- During the tour, they also talk about another crucial step called tertiary treatment. This step uses special filters to take out really tiny particles from the water.
- · But there are also problems. Fixing old machines is hard because it costs a lot of money. Fixing old machines is hard because it is costly.
- Therefore, after the industrial trip, we are more appreciative of the vital aspect Indah Water plays in our lives.

## How the magic happens!

- First, there's something called primary treatment. They have big tanks and screens that help heavy stuff settle down, and filters to remove large pieces, laying the groundwork for making the water cleaner.
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