

TECHNOLOGY INDUSTRIAL SYSTEM AND INDUSTRIAL VISIT

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Image of IndahWater water treatment site

- 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.



Technologies of Indah Water

A visit to a sewage treatment facility offers a unique opportunity to dive into the world of wastewater management. Shedding light on technology and challenges faced during the visit. Going to the wastewater place helps us learn about how they clean dirty water. We observe large tanks and filters that remove tiny living things called microorganisms, which play a role in breaking down the harmful substances in the water. Special techniques are also used to ensure the water is thoroughly cleaned before it is released back into the environment.

How the magic happens!

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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.