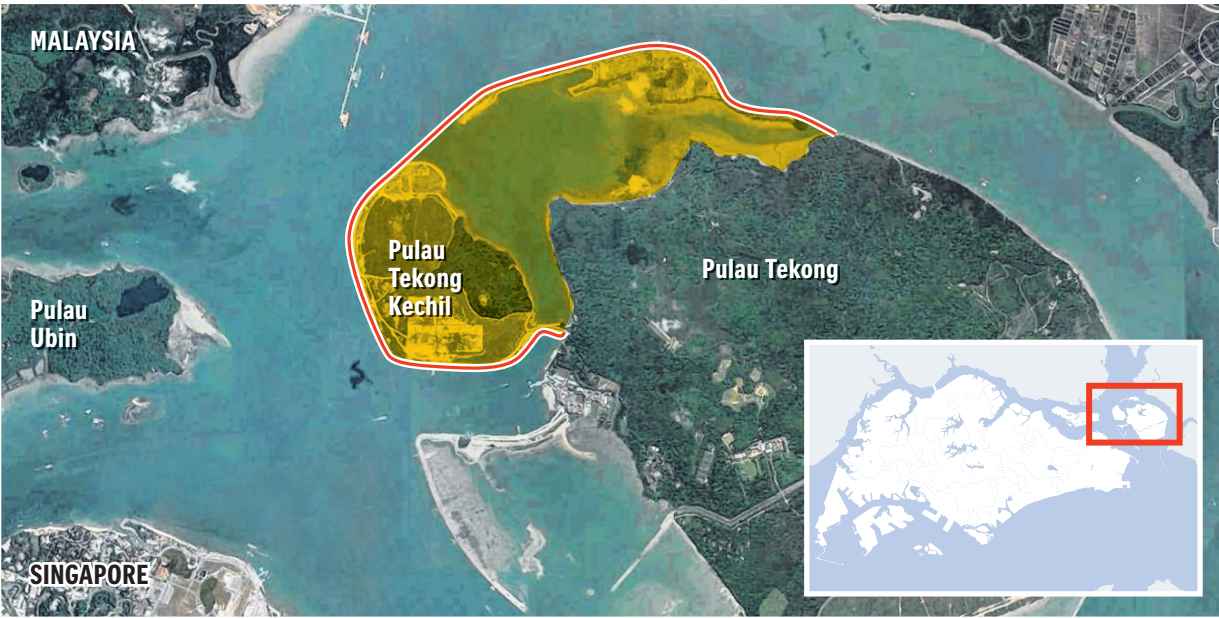


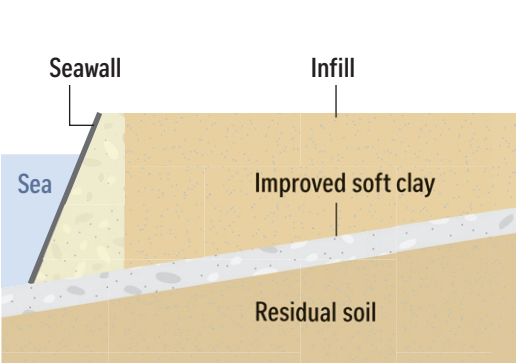
New reclamation method

The upcoming reclamation on the north-western tip of Pulau Tekong will see Singapore adopting the empoldering method for the first time. Here is a look at the new method.

■ Polder area — Dyke boundary



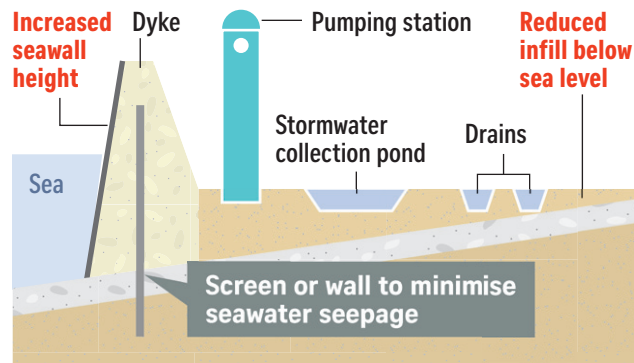
TRADITIONAL LAND RECLAMATION



How it works

"Infill" such as sand is poured into the reclaimed area above the existing seabed, which is made up of improved soft clay and residual soil.

EMPOLDERING METHOD



How it works

- A dyke is built around the area to be reclaimed and water is drained from it.
- This forms a low-lying tract of land called a polder, which is buffered from the sea by the dyke.

FACTS AND FIGURES

810ha

Total polder land area is about twice the size of Toa Payoh Town.

29km

Total length of drains to be constructed.

21km

Total length of roads to be constructed, about the length of East Coast Parkway.

10km

Total length of dyke to be constructed, about the length of Bukit Timah Expressway.