



Besides incorporating ABC Waters design features which help to clean the water using specially selected plants and soil media, residents will also have more community spaces by the water with the new gathering decks. Much of the existing and some of the existing drains have been naturalised to further enhance the environment.

The ABC Waters @ Sungei Ulu Pandan and Sungei Pandan aim to create a river classroom where residents and students can learn more about the environment. These projects extend beyond the rivers, and showcase the importance of treating the rainwater run-off from the surrounding catchment before entering the waterway.

Frequently Asked Questions:

1. Will the ABC Waters design features lead to flooding in the area?

ABC Waters design features will not lead to flooding in the area as they are sized adequately to cater to the required drainage capacities.

2. Will the ABC Waters design features lead to ponding of water and result in the breeding of mosquitoes?

ABC Waters design features are designed such that water collected at the features will be detained allowing larger sediments to be removed before cleaner water flows into the river. This temporary detention of water is much shorter than the length of time needed for mosquitoes to breed. In addition, the slow but continuous flow of water prevents stagnation of water and fishes that eat mosquito larvae have been introduced into the waterbody.

3. Who will be maintaining the ABC Waters design features when they are completed?

PUB will be maintaining the completed design features.

The ABC Waters Programme is a long term initiative by PUB to transform the utilitarian canals, drains and reservoirs in Singapore into beautiful, vibrant and clean rivers, lakes and streams that integrate with the surrounding developments. With the support from the community, PUB will create new recreational spaces to bring Singaporeans closer to water so that they can better appreciate and cherish this precious resource. Residents can look forward to the completion of yet another ABC Waters project at their doorsteps.



Water for All: Conserve, Value, Enjoy

www.pub.gov.sg/abcwaters
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ABC Waters @ Sungei Ulu Pandan & Sungei Pandan



A project under the
Active, Beautiful, Clean Waters Programme





Clementi Green

This large pond is a sedimentation basin that temporarily collects water from the drains. It allows larger sediments to settle before cleaner water flows continuously into the river. Aquatic plants are planted along the edge to help absorb nutrients in the rainwater run-off while enhancing biodiversity of the area.



Sunset Ring

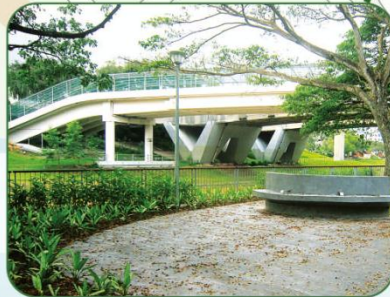
At this circular viewing deck, you can see water flowing from the drain to the river, through a cleansing biotope. A cleansing biotope is a natural cleansing system that consists of carefully selected plants which help to cleanse the water by filtering pollutants and absorbing nutrients.



Pandan Arc

The tributary drain leads into a marshland which is made up of wetland plantings at the edge. Plants are specially chosen for their ability to absorb nutrients, so that stormwater runoff is cleansed naturally before it is being discharged into Sungei Pandan.

The marshland also creates a natural habitat for dragonflies, birds and fishes, enriching the biodiversity along our river edges and beautifying the surrounding landscape. By keeping our water in the drain and in the marshland litter-free, residents can enjoy a scenic view of Sungei Pandan.



Faber View

A viewing area was created along Ulu Pandan Park Connector to provide a place for residents to gather and enjoy the scenic view of the river. Shrubs are planted and trees preserved to create a serene ambience for park connector users who just want to relax by the river.



Clementi Garden

Here, you will find a floating wetland with plants that absorb nutrients in the run-off; thus helping to improve the quality of water before it enters the waterway. The wetland also creates a natural habitat for dragonflies, birds and fishes.

PUB also piloted a new design of staircase with a wheeling ramp after receiving resident's feedback to ease cyclists from carrying their bicycles up and down the stairs.



Clementi Ring

An existing concrete drain has been transformed into a natural stream. This natural drain, known as vegetated swale channels the rainwater into Sungei Ulu Pandan while at the same time remove large sediments from the runoff.