



INNOVATE EARTHWORKS

PROJECT PROFILE: HUMPYBONG CREEK

The aim of this project was to improve water quality, aesthetics, and safety in Humpybong Creek at Redcliffe. Works were carried over the 9,177m² site.

The scope involved removing existing concrete batters and vegetation, bulk earthworks, compaction, geotechnical & soil testing, construction of a sediment basin, concrete weir, channel & maintenance access ramps, rock protection, drainage structures e.g. precast headwalls, construction of a notch and penstock in existing downstream weir, protection of desirable existing vegetation, protection of heritage weir,,

Services provided

- In-situ amelioration applied - 2,430m²
- Trees installed - 101 (25 - 100L+ pots)
- Plants installed - 11,803 (Tubestock - 200mm pots)
- Imported mulch installed - 534m³
- Turf installed - 2,685m²
- Coir erosion protection installed - 1,378m²
- Concreting - 618m²
- Concrete headwalls - 9 off
- Drainage rock spalls area - 743m²
- Imported topsoil - 243m³
- Imported fill material - 2,196m³

YEAR: APRIL 2019 - JUNE 2024

CLIENT: MORETON BAY REGIONAL COUNCIL

VALUE OF WORKS: \$1,400,000+





INNOVATE EARTHWORKS

PROJECT PROFILE: NORTHGATE, CANNERY CREEK ALIGNMENT WORKS

The aim of this project was to allow for the redirection of water during high tide and high flow events to a basin network near Kedron Brook. This will reduce the risk of flooding for residents and business' close to the Cannery Creek pumping station. The project also aims to improve the water quality and amenity of the nearby area and surrounding bike paths with the addition of new turf and planted areas as well as a sediment basin.

The scope involved the construction of a network of retention and sediment basins along Cannery Creek and within the Boondall Wetlands area.

Services provided

- Trees installed - 239 (25L pots)
- Plants installed - 224,979 (Tubestock)
- Imported mulch installed - 1453m³
- Turf installed - 9,902m²
- Coir erosion protection installed - 8,592m²
- Geofabric installed - 7791m²
- Subsoil drainage in basins installed - >2,500 lin m
- Imported media for basin layers installed - >6,400m³
- In-situ amelioration and spreading of site-won topsoil - >7,000m³

◦ **YEAR: JUNE 2024 - JUNE 2026**

CLIENT: FULTON HOGAN, UNITY WATER

VALUE OF WORKS: \$3,000,000+

