The Southern Expressway Duplication has been designed and will be constructed to minimise the impact on surrounding waterways.

The Water Quality Risk Assessment, which was carried out during the project design, has resulted in the inclusion of wetlands in the design to treat road runoff prior to discharge to the local stormwater network or creeks and rivers.

Additionally, the Baulderstone Abigoup Joint Venture (BAJV), who will deliver this project together with the department, has developed a Contractor’s Environmental Management Plan (CEMP) which details actions to minimise the impact of construction activities on waterways.

Steps include the installation of permanent sediment ponds that will capture sediment-laden construction runoff, preventing it from entering local rivers and creeks. The water in these ponds will be used during construction to suppress dust on haul roads.

Additionally, sediment fences and silt socks will be installed and drainage lines established with grass and rocks to slow water and prevent silt from entering sensitive waterways.

**Monitoring**

Regular inspections and audits will be undertaken during construction to ensure all relevant permits and licences from the Environment Protection Authority and the Adelaide Mount Lofty Ranges Natural Resource Management Board are adhered to.

**Replanting**

Extensive replanting will be undertaken as soon as possible once construction is finished to stabilise permanent banks and retaining walls.