

# Infrastructure projects update

## Wye River and Separation Creek

5 JULY 2018

*This is the third Infrastructure Projects Update. We will be sending this update as a fortnightly newsletter to keep all residents and property owners informed about work we are undertaking in Wye River and Separation Creek.*

### Stormwater Management System – table drains and driveway culverts

The improvement of the stormwater management system in Wye River and Separation Creek is progressing with works continuing in Morley Avenue and Slashers Bypass.

The improvements include the installation of new driveway culverts and realignment of table drains. Wallace Street and Bass Avenue have been tidied up and works complete.

During the recent rains, the new, wider table drains and driveway culverts helped to minimise damage to unsealed roads and sloping embankments.

We will begin works along Karingal Drive in Wye River from 9 July and Olive Grove in Separation Creek from 16 July. We will install new culverts and additional cross road culverts will added to the stormwater network.

Road and drainage works will continue in Slashers Bypass. The road will be temporarily closed from 11-13 July. Properties on Slashers Bypass will maintain access, however through traffic will need to seek alternative routes. We will notify and work with all local residents individually regarding these arrangements,



### Iluka Extension stabilisation works

Council has now awarded the contract to undertake the stabilisation works on Iluka Ave Extension, following the landslide late last year.

The project involves constructing a 30m long, 2.2-metre-high new retaining wall to repair a landslide that has de-stabilized an important alternative emergency access connection for the Wye River and Separation Creek community.

The contractor began mobilising equipment and machinery on site this week, and cleared some of the site, in preparation for construction commencing Monday 9 July. We expect works to take approximately a month, weather depending. Access through Iluka Extension will be restored as soon as the works are complete.

The \$175,000 project has been funded under the Australian-State Government National Disaster Relief and Recovery Arrangements (NDRRA) Flood Recovery Program.



*Iluka Extension looking towards Separation Creek below*

## Tree pruning and management

The independent Arborist – Enspec – undertook the six-monthly inspection into the health of all trees on Council land in Wye River and Separation Creek last week. The detailed inspection was carried out over three days, and will Enspec will provide a report as to which trees need to be pruned and have branches/dead wood removed, and whether any trees need to be removed. This important monitoring and the routine tree works help to promote the regeneration of the environment post-bushfire.

We will engage a contractor to undertake recommended works when Enspec's report is received.



*Durimbal Avenue Wye River with regrowth of damaged trees.*

## Stanway Drive stabilisation works

Work is progressing very well, with the project 30 per cent complete.

The stabilization work includes drilling 7.5 metres below ground to underlying rock layer and installing numerous steel bars. These bars are bolted at the ground surface to essentially sandwich the loose up ground and prevent future movement.

The laying of rock beaching and installing of soil nails will be ramped up over next two weeks, after which the creek bank will be close to completion. The bank stabilization work will then be repeated along the upper bank of Stanway drive.

Temporary fencing has been installed at Stanway Drive and the top of Iluka Extension gate, restricting access to Stanway Drive for local access only during work hours.

The gates will be removed daily to allow access after work hours. This is to ensure the safety of the community.

The works are scheduled to be completed by the first week of September.

The condition of Separation Creek has been well maintained to date, with the help of erosion protection measures to ensure the water flow remains crystal clear.



*Rock Beaching on Creek Bank taking Shape*





*Soil nails behind the workers, drilled to 7.5m below surface*



*Stanway Drive. Beaching works on the upper left bank will begin after completion of the creek bank*