



SIMEC

Myrtle Creek

Corrective Management Action Plan

October Part 1 2019 | Newsletter

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Progress Report

Tahmoor Coking Coal Operations (TCCO) completed coal extraction below Myrtle Creek between 2004 and 2015. Longwall mining has caused subsidence impacts that has resulted in some pools along Myrtle Creek only retaining water after heavy periods of rain.

As a result, TCCO have prepared a Myrtle Creek Corrective Action Management Plan (Myrtle Creek CMAP) that outlines proposed rehabilitation works and includes pool mapping, photogrammetry and surveying, characterisation and pool rehabilitation works.

Works have been developed in consultation with and approved by relevant government departments including, Department of Planning, Industry and Environment (DPIE) – Resources Regulator, DPIE – Planning, Department of Primary Industries (DPI) – Fisheries, Natural Resources Access Regulator (NRAR), Wollondilly Shire Council and community consultative committees.

Characterisation Drilling

Characterisation drilling works and the installation of piezometers are currently being undertaken on the northern bank of Myrtle Creek and is continuing southbound (see over). Drilling will determine the fracture network to inform rehabilitation works and piezometers will be used to monitor groundwater quality.

Works are being conducted between **8:00am to 5:00pm, Monday to Friday**, and are expected to be completed in October 2019.

Pool 23 Rehabilitation

Works are progressing on schedule for the Pool 23 Rehabilitation works. Drilling has commenced to investigate the fracture network and preliminary results look promising for the success of the rehabilitation works. Drilling will continue in a line across the rock bar and into the center of the creek, before the application of material to fill the fractures.

Works are being conducted between **8:00am to 5:00pm, Monday to Friday**, and are expected to be completed in December 2019.

Pool Rehabilitation Trials

Three pools are being investigated for smaller scale rehabilitation strategies (see over). Pool rehabilitation trials aim to seal surface fractures thereby increasing holding capacity of subsidence impacted pools to pre-mining conditions. Works will involve shallow drilling (less than 2 m) and then the application of natural materials (sands and clays) with or without the addition of a bonding agent. Environmental monitoring is being conducted to reduce the risk of pollution entering the creek.

Works are due to commence in mid-October between **8:00am to 5:00pm, Monday to Friday** and are expected to be completed in late December 2019.

For More Information

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Characterisation Sites and Rehabilitation Sites



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