



SIMEC

Myrtle Creek

Corrective Management Action Plan

September 2021 | Newsletter #17

MEMBER OF



Project Background

Tahmoor Coal Pty Ltd (**Tahmoor Coal**) 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 retaining water only after heavy periods of rain.

To address this, Tahmoor Coal prepared a Myrtle Creek Corrective Action Management Plan (**Myrtle Creek CMAP**) that outlines proposed rehabilitation works, including pool mapping, photogrammetry and surveying, characterisation and pool rehabilitation works. The approved schedule includes the remediation of Pools 23, 20, 14, 12a, 11 and 10 at Myrtle Creek.

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.

Pool 23 Rehabilitation

Remediation of the controlling rock bar at Pool 23 was completed in early February 2020. The works consisted of drilling boreholes up to 16 meters below the creek bed for geotechnical testing to identify the location and size of fracturing. Fractures were then filled using an approved polyurethane injection resin (PUR). PUR has been used successfully for creek rehabilitation in Sydney Catchment Authority areas as it has minimal ecotoxicological effects and has proven highly effective.

Since its completion, Pool 23 has returned to its pre-mining water level.

Pool 20 Rehabilitation

Remediation of Pool 20 at Myrtle Creek has been completed on 2 September 2021. The remediation strategy involved the construction of a four stages 50m wide grout curtain wall to 15m depth using Polyurethane injection grout. Preliminary results are very positive with the return of water in Pool 20 for the last 3 months.

Monitoring will be ongoing at Pool 20 to assess the effectiveness of the remediation strategy.

Pool 18 Rehabilitation

Pool 18 remediation is currently in progress. The remediation works involved the construction of a 32m curtain wall to 6m depth. Completion of Pool 18 is expected to be completed in October 2021.

Works will be carried out at Pool 18 between **8:00am to 5:00pm, Monday to Friday and are expected to be completed in October 2021.**

Following the completion of Pool 18, remediation of Pool 12a will commence early October.

For More Information

Email:

Tahmoorenquiries@simecmining.com

Phone: +61 (02) 46 400 100

Fax: +61 (02) 46 400 140

MEMBER OF



T: (02) 4640 0100 E: tahmoorenquiries@simecmining.com W: www.tahmoorcoal.com.au

SIMEC Mining Site Address: 2975 Remembrance Drive, Bargo | Postal Address: PO Box 100, Tahmoor NSW 2573, Australia



SIMEC



SIMEC

Myrtle Creek

Corrective Management Action Plan

September 2021 | Newsletter #17

MEMBER OF



Myrtle Creek CMAP Stage 2 Remediation Sites



MEMBER OF



T: (02) 4640 0100 E: tahmoorenquiries@simecgfg.com W: www.tahmoorcoal.com.au
SIMEC Mining Site Address: 2975 Remembrance Drive, Bargo | Postal Address: PO Box 100, Tahmoor NSW 2573, Australia



SIMEC