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Myrtle Creek

Corrective Management Action Plan

September 2019 | Newsletter

Progress Report

Tahmoor Coking Coal Operations (**TCCO**) have 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 remediation works and includes pool mapping, photogrammetry and surveying, characterisation and pool rehabilitation works.

Pool mapping and photogrammetry within Myrtle Creek has been completed, allowing suitable pools to be selected for rehabilitation based on their individual characteristics and overall function.

Current Works – Characterisation Drilling

Characterisation drilling of approximately 10 sites along Myrtle Creek is currently progressing. Characterisation drilling involves drilling cored holes to the base of the creek water level. Geological testing is conducted to help understand the creek fracture network and groundwater interactions, which is crucial in future rehabilitation planning. Piezometers are installed following coring that will be used to monitor groundwater quality and flow rates during rehabilitation and into the future.

Currently, drilling works are progressing on the northern banks of the Myrtle Creek project area. Works will be conducted between **8:00am to 5:00pm, Monday to Friday.**

Future Works – Pool 23 Remediation

Pool 23 is a rock bar constrained pool that has been impacted by mining related subsidence, resulting in reduced pool holding capacity. Remediation works include characterisation drilling to understand the local fracture network, followed by injection of polyurethane grout into the fractures. This will prevent sub-surface water flow and ultimately push water to the surface to resume the natural system. Works are proposed to commence in September and finish in December.



For More Information

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Characterisation Sites and Pool 23



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