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# Myrtle Creek

## Corrective Management Action Plan

JUNE 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, characterization and pool rehabilitation works.

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

Photogrammetry and detailed surveying of selected pools has also been completed at selected pools. This has allowed TCCO to determine the accurate volume of selected pools, as well as their hypothetical overflow tipping point and highlight any geological bedding. This is important to assist with monitoring the success of future rehabilitation works.

### Upcoming Works - Characterisation Drilling

Characterisation drilling of approximately 10 sites along Myrtle Creek is proposed. 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 will be installed following coring that will be used to monitor groundwater quality and flow rates during rehabilitation and into the future.

Drilling has commenced at the first site, near the Remembrance Driveway Bridge, at the corner of Remembrance Driveway and River Road. Future sites are proposed to be on the northern banks of Myrtle Creek – see Figure on back page. Works will be conducted strictly between **8:00am to 5:00pm, Monday to Friday**.



Typical Drill Rig for Characterisation Drilling

### For More Information

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## Potential Myrtle Creek Characterisation Drill Sites



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