



Tahmoor Colliery
Community Consultative Committee



Tahmoor Coal Community Consultative Committee Annual Report 2020

Community Consultative Committee Details

CCC / Project Name:	Tahmoor Coal Community Consultative Committee	Reporting Period:	January 2020 to December 2020
Independent Chairperson:	Michael Muston	Proponent Contact:	qem@1earth.net

1. Executive Summary

Meetings of the TCCCC throughout 2020 have all been impacted by the restrictions imposed by Covid 19. All of the scheduled meetings for 2020 were held with the March and June Meetings meeting held using online meeting platform. The September and December meetings were held in part in the Tahmoor Coal office but with the option to join remotely on line. While this has placed greater difficulty on both the community members and the mine staff, the meetings have generally been productive and informative and not adversely impacted by the necessary Covid safe restrictions.

The key issue for 2020 of the Tahmoor Coal Community Consultative Committee (TCCCC) was the proposed Tahmoor South mine expansion.

- The proposed Tahmoor South expansion will result in the continuation of mining from 2022 to 2035, after completion of mining operations at Tahmoor North and the continued employment for approximately 400 people.
- Responses to submissions was finalised and Project Amended Report submitted February 2020.
- Ongoing community consultation continued despite the restrictions of Covid 19 including an 8 page newsletter letter box dropped in the Bargo area in April 2020 and online Live Q&A in April 2020.
- Following consultation an amended proposal was submitted to DPIE in August 2020 and two longwalls were removed from the proposed plan which equates to an 80% reduction in the number of properties directly mined beneath and reduced the mine plan timeframe from 13 years to 10 years. The revised proposal also completely eliminated the REA extension footprint from the initial proposal to clear 43 hectares, as the height of the existing footprint has been increased by a maximum of 10m.
- The proposal has been referred to the IPC and public hearings commenced in February 2021 (after the 2020 reporting period).

The remediation of Myrtle Creek and Redbank Creek where cracking has occurred.

- A Trial Plan for Pool 23 was undertaken with the injection of polyurethane and other possible techniques and the Polyurethane Resin (PUR) grout curtain wall at Pool 23

installed earlier in the year has been observed to be site most successful in returning pool holding capacity.

- Five small pools have been remediated. In **Redbank Creek**, drilling to 2m and injecting PUR in a grid pattern to create a surface seal. Results show improvements and look promising.
- Work is continuing on other pools in both **Myrtle Creek and Redbank Creek**.
- Ongoing long term monitoring of pool retention and creek ecology will continue in both creeks.

The TCCCC monitored progress on the proposed Wastewater Treatment Plant for the treatment of heavy metals (Ni, As, Zn, Cu, N, Al and EC) from discharge water from the mine site which has not been successful to date and has required considerable investigation and modification. A proposed Reverse Osmosis Treatment Plant was put out for tender and tender period ended in mid-April 2020. The proposal is for pilot plant to be established prior to installation of the full Wastewater Treatment Plant later in 2021.

The TCCCC monitored the mining in the Western Domain with LW W1 mining commencing on 15 November 2019 and completed on 6 November 2020. LW W2 mining commenced in December 2020. LW W3-W4 Extraction Plan document preparation and Government Agency and community consultation has commenced. Submission of LW W3-W4 Extraction Plan is anticipated in early 2021.

The TCCCC monitored the ongoing research into Thirlmere Lakes by Water NSW and universities. A Science Day held early in the year presented findings of research to date, and there is still another year of study to complete. Pamphlets handed out at the event included information regarding the current findings, including the confirmation of a correlation between rainfall and lake level.

A number of changes to the TCCCC membership occurred during the year:

- Virginia Fairley's resignation as a Community Member of the TCCCC was received in December 2020 and Virginia was thanked for her time and valued input on the committee.
- Fiona Robinson - Tahmoor Coal Representative left Tahmoor Coal in June 2020 and the committee thanked her for all her hard work and dedication to the business and TCCCC.
- Zina Ainsworth was added as a Tahmoor Coal Representative of the TCCCC in June 2020.
- Amanda Francis was added as a Tahmoor Coal Representative of the TCCCC in September 2020.
- As a result of changes to the committee the signatories to the TCCCC bank account were changed with the Independent Chair Michael Muston, Community Member Col Mitchell and Tahmoor Coal representative Zina Ainsworth now able to sign with any two needed.

2. TCCCC activities over last 12 months

- The TCCCC met on four occasions in 2020. Membership of the committee is:
 - Michael Muston - Independent Chairperson
 - David Auchterlonie - Community Representative
 - Col Mitchell - Community Representative
 - Virginia Fairley - Community Representative (to December 2020)
 - Robert Khan - Wollondilly Shire Council Representative
 - David Henry - Wollondilly Shire Council Representative
 - Ana Gračanin - Community Representative
 - Robert Clayton - Community Representative
 - James Johnson - Community Representative
 - Peter Vale - Tahmoor Coal Representative
 - Fiona Robinson - Tahmoor Coal Representative (to June 2020)
 - Zina Ainsworth - Tahmoor Coal Representative (from June 2020)
 - Amanda Francis - Tahmoor Coal Representative (from September 2020)

- A summary of the meeting dates and attendance is in the following table.

Meeting Date	5 March 2020	4 June 2020	3 September 2020	3 December 2020
Michael Muston	Attended	Attended	Attended	Attended
David Auchterlonie	Attended	Attended	Attended	Attended
Col Mitchell	Apology	Apology	Attended	Attended
Robert Khan	Attended	Apology	Apology	Apology
Virginia Fairley	Apology	Apology	Apology	Attended
David Henry	Attended	Attended	Attended	Apology
Ana Gračanin	Attended	Attended	Attended	Apology
Robert Clayton	Attended	Attended	Attended	Attended
James Johnson	Attended	Apology	Apology	Attended
Peter Vale	Apology	Attended	Attended	Attended
Fiona Robinson	Apology	Attended		
Zina Ainsworth	Observer	Observer	Attended	Attended
Amanda Francis			Observer	Attended

Meeting minutes for 2020 are attached in Appendix A of this report.

Due to Covid 19 restrictions there were no additional site visits in 2020 but it is proposed to visit the remediation work in Myrtle Creek and Redbank Creek to rehabilitate the impact from subsidence cracking early in 2021.

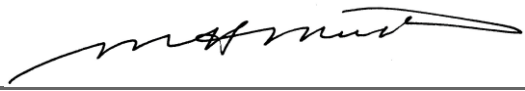
3. Key issues

The following is a summary of the key issues raised by the TCCCC throughout the year and any actions taken to respond to these.

Issue	Actions Taken	Next Steps
Tahmoor South Approval Process	Monitoring of approval process for Tahmoor South project	TCCCC was updated on the modifications to the EIS and subsequent approval process. The TCCCC continues to monitor any community concerns and the approval process.
Western Domain mining	TCCCC monitored progress of the approved longwalls which commenced in late 2019 and mine plans for the remaining longwalls in the Western Domain.	LW W1 mining commenced 15 November 2019 and complete 6 November 2020. LW W2 commenced December 2020.
Thirlmere Lakes Low Water Levels	Monitor research being undertaken on the Thirlmere Lakes hydrogeology and reasons for the current extended period of low water levels	Continue to review the results of current research projects including outcomes from Science Day held early in 2020
Tahmoor South Approval Process	Monitoring of approval process for Tahmoor South project	TCCCC was updated at each meeting on the modifications to the mine plan and associated EIS and progress of the approval process. A number of modifications to the original plan were made in response to community concerns.
Myrtle Creek and Redbank Creek subsidence cracking	Monitoring of remediation work in Myrtle Creek and in Redbank Creek and of the monitoring results subsequent to the rehabilitation of some pools.	TCCCC given feedback on trials and progress on longer term rehabilitation of both creeks as well as monitoring results.

4. Focus for next 12 months

- Monitor progress of approval processes for Tahmoor South extension and of detailed planning if the extension is approved by the Independent Planning Commission.
- Continued monitoring of the remediation of Myrtle Creek and Redbank Creek
- Continue to monitor the Western Domain mining operations.

Signature of Chair:	
Date:	23/3/2021

Appendix A- 2020 Meeting Minutes