CONSULTATION MEETING MINUTES

Meeting	:	NSW Department of Planning, Industry and Environment (DPIE) & Tahmoor Coal Discussion of the Tahmoor South LW South 1A to South 6A Extraction Plan
Location	:	Teleconference
Date	:	20 December 2021
Time	:	3:30 pm – 4:30 pm
Attendees:	:	Jessie Evans (JE) – DPIE Gabrielle Allan (GA) - DPIE Zina Ainsworth (ZA) - Tahmoor Coal Charlie Wheatley (CW) – Tahmoor Coal April Hudson (AH) - Tahmoor Coal

Item	Summary of Discussions and Comments	Actions
1	**Point of Contact** » GA noted that Jessie Evans is taking over as point of contact for Tahmoor Coal from Stephen O'Donoghue.	None.
2	**Aboriginal heritage item** » GA asked how the proposed impact to the Aboriginal heritage item (AHIMS Site #52-2-4471, rockshelter) compares to the performance measures. » ZA advised that this would be addressed in the Heritage Management Plan as part of the Extraction Plan. » AH noted that the EIS assessment found that the rockshelter was associated with low research potential, representative-ness, rarity and significance from a heritage perspective. The assessment also noted that there may be indirect harm and a partial loss of value.	None.
3	**Infrastructure Management** » GA interested in management of the petrol station during subsidence. » CW noted that petrol stations have been successfully undermined by previous longwalls at Tahmoor Mine. A management plan for this property will be prepared to manage impacts from subsidence.	None.
4	**Structures Management** » GA enquired how many landowners are above the A longwall series. » CW noted that the number is less than that for the B longwall series and most are situated along Caloola Road and nearby streets. » ZA noted that consultation with all residents within the Study Area has started, including the provision of the resident information packs, and offering of Pre-Mining Inspections for those residents within the 20 mm subsidence contour for the first few longwalls. » ZA noted that the next round of landholder consultation will be provided early 2022.	None.
5	**Agency Meeting and Site Visit** » DPIE advised that a meeting with DPIE and other government agencies should coincide with lodgement of the Extraction Plan. » The meeting should be an overview only to prepare agencies for their review of the Extraction Plan. A site visit should also be included.	Tahmoor Coal and GA to coordinate agency meeting (early March 2022).

	» Tahmoor Coal to liaise with GA to set up this meeting and site visit at the time of lodgement of the Extraction Plan.	
6	Independent Advisory Panel for Underground Mining » CW asked at what stage will a decision be made regarding the involvement of IAPUM for the assessment of the LW S1A-S6A Extraction Plan. » JE advised that there are no set criteria to determine their involvement, and the decision is made once government agency comments are received and reviewed.	None.
7	Longwall West 4 Amendment » Tahmoor Coal noted that the start position of Longwall West 4 (LW W4) would be moved south, resulting in a reduced longwall length. An amendment report for this change will be provided to DPIE for approval. » GA acknowledged and noted that evidence to support less impacts should be provided. » GA also requested that all infrastructure owners / operators be informed prior to submission of the amendment report.	Tahmoor Coal to notify all infrastructure owners / operators prior to submission of amendment report.
8	Assessment of Management Plans » CW advised that the over-arching / site-wide management plans provided to DPIE will require approval prior to the commencement of construction (March 2022). » JE noted that most management plans have gone to the post-approval team and will be prioritised according to this deadline.	None.

22 November 2021

Jessie Evans
Director – Resource Assessments
NSW Department of Planning, Industry and Environment
Locked Bag 5022
Parramatta 2124

Emailed to:
Jessie.Evans@planning.nsw.gov.au
Gabrielle.allan@dpie.nsw.gov.au

Dear Jessie,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

Tahmoor Mine has been operating continuously since 1979, and longwall mining methods have been used since 1987. Tahmoor Coal has previously mined 34 longwalls to the north and west of the Tahmoor Mine's current pit top location.

Tahmoor Coal obtained approval for the Tahmoor South Project on 23 April 2021, which was assessed as State Significant Development under the provision of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The Project will extend underground coal mining at Tahmoor Mine, to the south of Tahmoor Coal's existing mining area (referred to as the Tahmoor South Domain).

Tahmoor Coal is currently preparing an Extraction Plan for Longwalls South 1A to South 6A (LW S1A-S6A) in accordance with the condition C8 of the Development Consent (SSD 8445). The attached figure illustrates the location of the proposed longwalls, as well as the Study Area of this Extraction Plan and the predicted 20 mm subsidence contour.

The Extraction Plan will provide an overview of the project, details of the development of the Extraction Plan, details on how subsidence impacts and environmental consequences will be monitored and managed during and after mining, and details on how the Extraction Plan will be implemented.

The Extraction Plan will be supported by the following key documents:

- Subsidence Prediction and Impact Assessment Report;
- Water Management Plan;
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

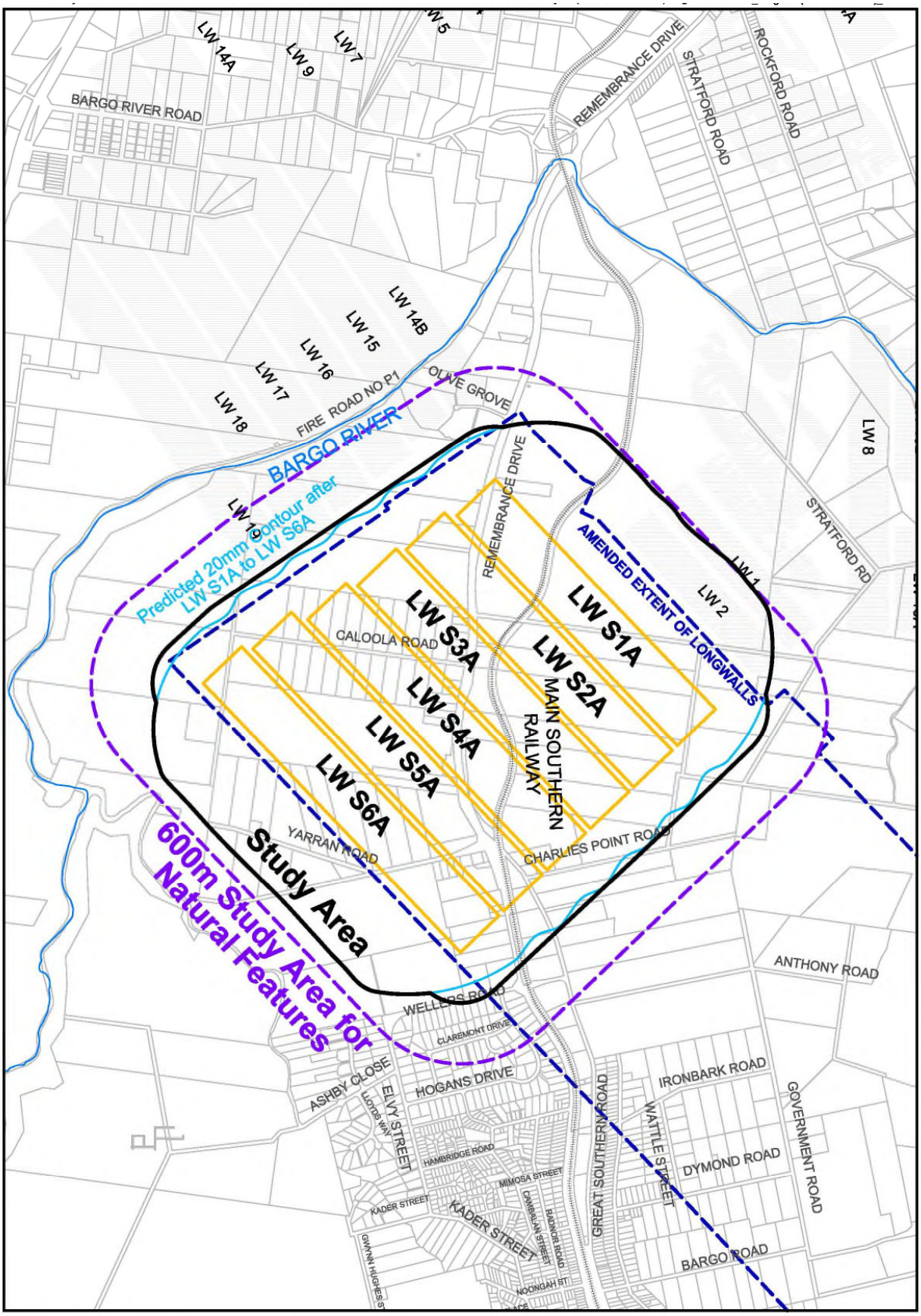
Tahmoor Coal notes that a presentation was provided to DPIE Planning regarding the LW S1A-S6A Extraction Plan on 20 December 2021. If you have any further comments on the proposed Extraction Plan, we would appreciate receiving your addition comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

Ms Zina Ainsworth
Manager Environment and Community
Tahmoor Coal – SIMEC Mining
PO Box 100
TAHMOOR New South Wales 2573

26/11/2021

Dear Ms Ainsworth

Tahmoor South Coal Project (SSD 8445)
Extraction Plan - Endorsement of experts

I refer to your request (SSD-8445-PA-12) for the Secretary's approval of suitably qualified persons to prepare the Longwalls 101A – 106A Extraction Plan for the Tahmoor South Coal Project (SSD-8445) as required under condition C8(a) of Schedule 4.

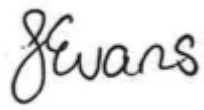
The Department has reviewed the nominations and information you have provided and is satisfied that these persons are suitably qualified and experienced. Consequently, I can advise that the Secretary approves the appointment of the following to prepare the Extraction Plan:

Extraction Plan Component	Person	Company
Main Document and Public Safety Management Plan	• Zina Ainsworth, Environment & Community Manager • April Hudson, Approvals Specialist	• Tahmoor Coal
Subsidence Predictions and Impact Assessment Report, Built Features Management Plan and associated infrastructure management plans, and Subsidence Monitoring Program	• Daryl Kay, Subsidence Specialist	• MSEC
Water Management Plan	• Anthony Marszalek, Water Resources Engineer • Camilla West, Water Resources Scientist	• HEC/ATC Williams
Supporting groundwater documents for the Water Management Plan	• Sharon Hulbert, Hydrogeologist • Maxime Philbert, Hydrogeologist • Will Minchin, Hydrogeologist	• SLR • SLR • Watershed Hydrogeo
Land management plan and supporting documents	• Roderick Haselden, Engineering Geologist • Sean Little, Geologist	• Douglas Partners
Biodiversity Management Plan	• Matthew Russell, Aquatic Ecologist • Jessie Bear, Ecologist • Sian Griffiths, Ecologist	• Niche Environment and Heritage
Heritage Management Plan	• Susan Lampart,	• EMM Consulting

	Archaeologist • Ryan Desic, Archaeologist • Anthony Dakhoul, Heritage Consultant • Pamela Chauvel, Archaeologist	
Graphical Plans	Zachary Burley, Lead Surveyor	Tahmoor Coal

If you wish to discuss the matter further, please contact me on jessie.evans@dpie.nsw.gov.au.

Yours sincerely



Jessie Evans
Director
Resource Assessments

As nominee of the Secretary

CONSULTATION MEETING MINUTES

Meeting	:	NSW Department of Planning, Industry and Environment (DPIE) & Tahmoor Coal Discussion of the Tahmoor South LW South 1A to South 6A Extraction Plan
Location	:	Teleconference
Date	:	10 February 2022
Time	:	4:00 – 4:30 pm
Attendees	:	Jessie Evans (JE) – DPIE Gabrielle Allan (GA) – DPIE Peter Vale (PV) – Tahmoor Coal Zina Ainsworth (ZA) – Tahmoor Coal Charlie Wheatley (CW) – Tahmoor Coal April Hudson (AH) – Tahmoor Coal
Apologies	:	Clay Preshaw – DPIE Stephen O'Donoghue - DPIE

Item	Summary of Discussions and Comments	Actions
1	**Point of Contact** » JE: Jessie Evans taking lead on assessment going forward.	None.
2	**Proposed assessment** » JE: Six longwalls of approximately four years for the Extraction Plan assessment has been done previously, and ok to proceed. » JE: Statutory requirement is three months for the assessment of an Extraction Plan. More time is preferable.	None.
3	**Independent Advisory Panel for Underground Mining** » JE: Extraction Plans over the last 5 years are getting more complex, as well as underground mining in general, hence the introduction of IAPUM. TARPs are key. » JE: IAPUM is likely to be involved, however will depend on agency advice and DPIE ability / expertise to deal with the matter. IAPUM focus can be broad or narrow, depending on the issues at hand. » CW: If it more likely that IAPUM will be involved, can they be involved earlier on? JE: No value in having them involved prior to the submission of the Extraction Plan. The Department can brief them earlier. It is an evolving space as to when to involve them. IAPUM receive all the agency advice and DPIE briefing.	None.
4	**Extraction Plan key considerations** » Key considerations: o Do the predictions meet the Performance Measures o Details of the TARPs o Sufficient and robust baseline monitoring o Adaptive management planning. Approval will depend on surface features and adaptive management proposed.	None.
5	**Wirrimbirra / Australian Wildlife Sanctuary** » JE: How will Wirrimbirra be covered? AH: A separate management plan will be prepared, and submitted prior to start of Longwall South 1A. ZA: We have a good relationship with Wirrimbirra / National Trust and have a Land Access Agreement in place.	None.

6	**Lodgement of the Extraction Plan** » Suggestion of a one hour briefing around the time of lodgement of the Extraction Plan.	None.

22 November 2021

Fabienne Boudoux d'Hautefeuille
Manager – Water Assessments
NSW Department of Planning, Industry and Environment
Locked Bag 5022
Parramatta NSW 2124

Emailed to:
fabienne.d'hautefeuille@dpie.nsw.gov.au
water.enquiries@industry.nsw.gov.au

Dear Fabienne,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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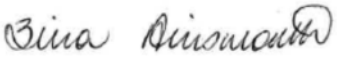
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with DPIE Water regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of surface water and groundwater resources in the Study Area, which would be considered in the LW S1A-S6A Water Management Plan.

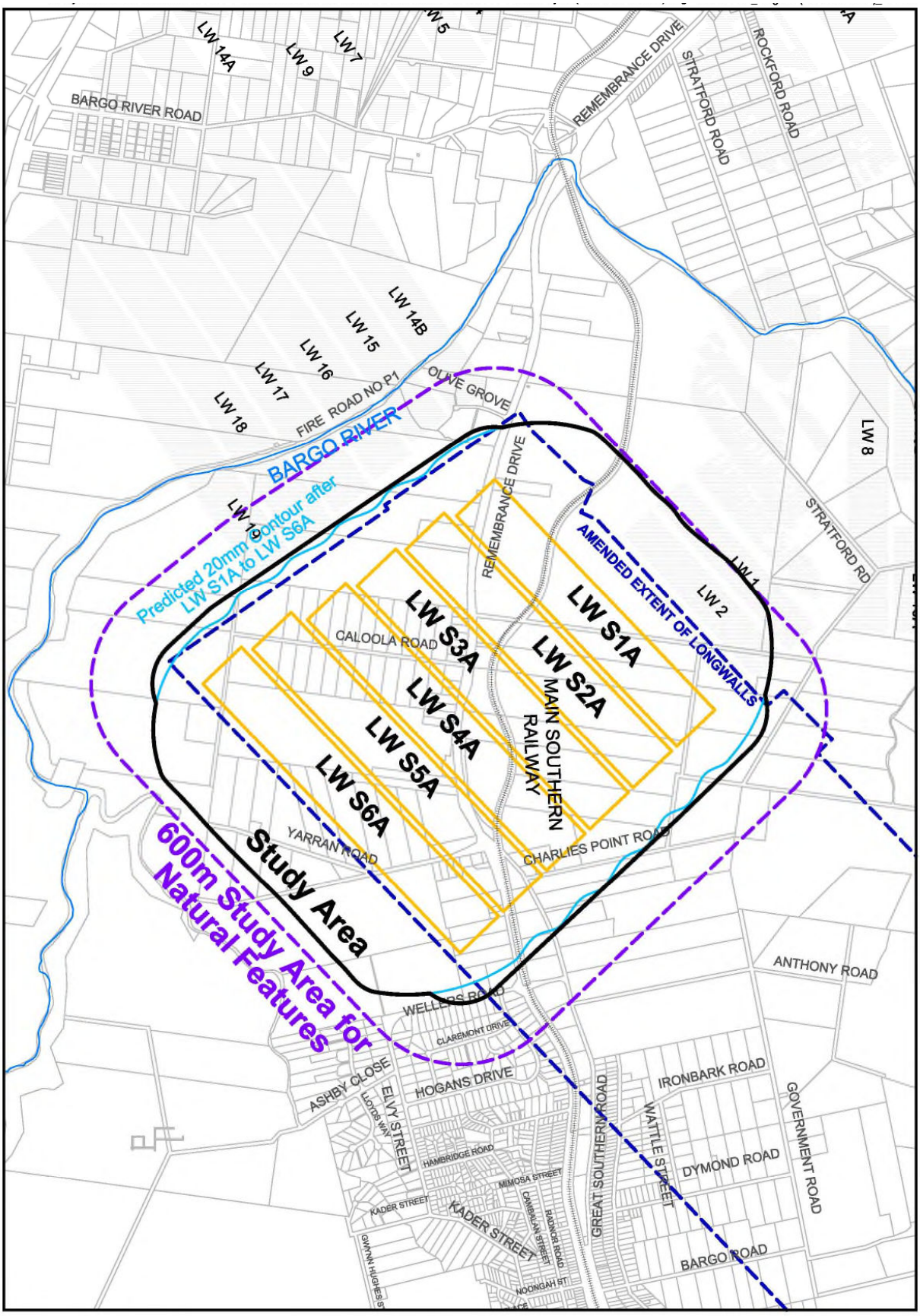
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.** If required, we can also arrange a teleconference to discuss this matter with you further.

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

April Hudson

From: Liz Rogers <liz.rogers@dpie.nsw.gov.au>
Sent: Tuesday, 1 March 2022 2:30 PM
To: April Hudson; Fabienne Boudoux d'Hautefeuille
Cc: Zina Ainsworth; DPIE Water Assessments Mailbox
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi April, we will not be providing any preliminary comments but will wait until we receive the submission via the portal.

We currently have a request for advice for Tahmoor South's Groundwater Management Plan as well as a request for comments on the Tahmoor South Water Management Plan and will be expecting a submission of the extraction plan. It would really help us if we understood how all these plans relate to each other and where you expect the detail to sit or which ones might be more of an overview. Are you able to advise or provide a contact?

Thanks Liz

Liz Rogers
Manager Assessments

Water Group | Department of Planning and Environment
| **M** 0428 600 421 | **E** liz.rogers@dpie.nsw.gov.au
Prince Street, Locked Bag 21, Orange NSW 2800
www.dpie.nsw.gov.au

Our Vision: Together, we create thriving environments, communities and economies.

I live and work on Wiradjuri Country

NSW GOVERNMENT

The Department of Planning and Environment acknowledges that it stands on Aboriginal land.
We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

From: April Hudson <April.Hudson@simecgfg.com>
Sent: Monday, 28 February 2022 5:14 PM
To: Fabienne Boudoux d'Hautefeuille <fabienne.d'hautefeuille@dpie.nsw.gov.au>; Liz Rogers <liz.rogers@dpie.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>; DPIE Water Assessments Mailbox <water.assessments@dpie.nsw.gov.au>
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Hi again Fabienne and Liz,

Just to clarify a previous mistake – we are preliminary comments for the preparation of the Longwall South 1A to South 6A Extraction Plan.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

From: April Hudson
Sent: Monday, 28 February 2022 5:09 PM
To: Fabienne Boudoux d'Hautefeuille <fabienne.d'hautefeuille@dpie.nsw.gov.au>; Liz Rogers <liz.rogers@dpie.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>; water.assessments@dpie.nsw.gov.au
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Hi Fabienne and Liz,

Tahmoor Coal is following up if your organisation has any preliminary comments for the preparation of the Longwall West 3 and West 4 Extraction Plan.
Otherwise, we will be happy to receive your detailed comments following the submission of the Extraction Plan documents and presentation by Tahmoor Coal.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140

E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

From: April Hudson
Sent: Tuesday, 18 January 2022 2:08 PM
To: Fabienne Boudoux d'Hautefeuille <fabienne.d'hautefeuille@dpie.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>; Liz Rogers <liz.rogers@dpie.nsw.gov.au>; water.assessments@dpie.nsw.gov.au
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Hi Fabienne and Liz,

Thank you for your response. This stage of consultation (preliminary only) is to obtain any overview comments from your department for consideration during the Extraction Plan writing stage (e.g. items to pay particular attention to, conditions / requirements to ensure that we cover off on).

Following the submission of the Extraction Plan documents to DPIE, all documents will be provided to relevant Government Agencies (e.g. DPIE-Water and NRAR) by DPIE for detailed comments and consideration as per the DPIE process for the assessment of Extraction Plans. Tahmoor Coal will also provide a presentation on the Extraction Plan to DPIE and interested Government Agencies, as well as facilitating an optional field visit. This presentation will most likely be held just prior to submission of the Extraction Plan documents.

The documents that you have listed in your response are over-arching management plans for the Tahmoor South Domain and mine site operations. The Extraction Plan documents will draw information from these over-arching management plans where relevant to the six proposed longwalls, as well as providing more in-depth information regarding monitoring and management for the longwalls in question.

Please let me know if you have any further questions or comments.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com







From: Fabienne Boudoux d'Hautefeuille <fabienne.d'hautefeuille@dpie.nsw.gov.au>
Sent: Monday, 10 January 2022 2:34 PM
To: April Hudson <April.Hudson@simecgfg.com>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>; Liz Rogers <liz.rogers@dpie.nsw.gov.au>
Subject: Re: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Some people who received this message don't often get email from fabienne.d'hautefeuille@dpie.nsw.gov.au. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello April,

Thank you for your letter. I tried to call, I have not left a message. Your letter refers to the preparation of extraction plan for LW south1A and South 6A. Neither DPIE Water, nor NRAR have received any documentation on such a draft document, I am wondering how you are suggesting we would provide preliminary comments. Ideally, we would require a document to base our comments on. An alternative could be a discussion with a presentation from you and possibly an exploration on how what you propose will meet the conditions of approvals and comments the Department would have made during the approval process.

Note that we have the following documents with us for comments:

- Tahmoor South Coal- GW Management Plan
- Tahmoor South Coal Project - Tahmoor South Water Management Plan (SSD-8445-PA-15)
- Tahmoor South Coal Project - Tahmoor South Surface water Management Plan (SSD-8445-PA-16)

How would the above documents fit with the extraction plans documents?

While my team, is the team where the hydrogeological advice comes from, Liz Rogers' team is the team who now coordinates the SSDs within DPIE Water and NRAR. I know it is not necessarily straight forward to know who to contact, but you got there! Please include Liz to our communications.

Please let me know how you would like to proceed.

Regards,

Fabienne

Fabienne d'Hautefeuille
Manager Groundwater Management and Science - Water Knowledge

Water Division | Department of Planning, Industry and Environment
M 0447 432 816 | **E** fabienne.d'hautefeuille@dpie.nsw.gov.au
Level 30, 4 Parramatta Square, 12 Darcy Street, Parramatta NSW 2150
www.dpie.nsw.gov.au

Our Vision: Together, we create thriving environments, communities and economies.



The Department of Planning, Industry and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

From: April Hudson <April.Hudson@simecgfg.com>
Sent: Wednesday, 22 December 2021 6:18 PM
To: Fabienne Boudoux d'Hautefeuille <fabienne.d'hautefeuille@dpie.nsw.gov.au>; water.enquiries@industry.nsw.gov.au <water.enquiries@industry.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Dear Fabienne,

Please see attached a letter regarding consultation for Tahmoor Coal's Longwalls South 1A to South 6A Extraction Plan.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992

F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

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Any opinions contained in this message are those of the author and are not provided or endorsed by ourselves unless clearly indicated and the authority or the author to so bind is duly verified.

Department of Planning and Environment

Zina Ainsworth

Email: zina.ainsworth@simecgfg.com

Contact: DPE Water Assessments

Email: water.assessments@dpie.nsw.gov.au

Our ref: OUT22/401

19 January 2022

Dear Ms Ainsworth

Re: Tahmoor South Surface Water Management Plan (SSD-8445-PA-16)

I refer to your request of 14 December 2021 to the Department of Planning and Environment (DPE) Water about the above matter.

The Department of Planning and Environment – Surface Water Science recommends the following:

1. A copy of the Fluvial Systems geomorphological survey and report on stream condition should be made available to DPE Water and a copy held on site for reference.
2. A record of pre- and post- subsidence state of key rock bars and pools should be maintained for review of impact predictions reporting.

Should you have any further queries in relation to this submission please do not hesitate to contact DPE Water Assessments at water.assessments@dpie.nsw.gov.au.

Yours sincerely,



Liz Rogers

Manager, Assessments, Knowledge Division

Department of Planning and Environment: Water

22 November 2021

Liza Schaeper
Senior Team Leader, Ecosystems and Threatened Species, Greater Sydney
NSW Department of Planning, Industry & Environment – Environment, Energy & Science
Locked Bag 5022
Parramatta NSW 2124

Emailed to:
liza.schaeper@environment.nsw.gov.au
martin.krogh@environment.nsw.gov.au
meagan.hinds@environment.nsw.gov.au

Dear Liza,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

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We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 20221.** If required, we can also arrange a teleconference to discuss this matter with you further.

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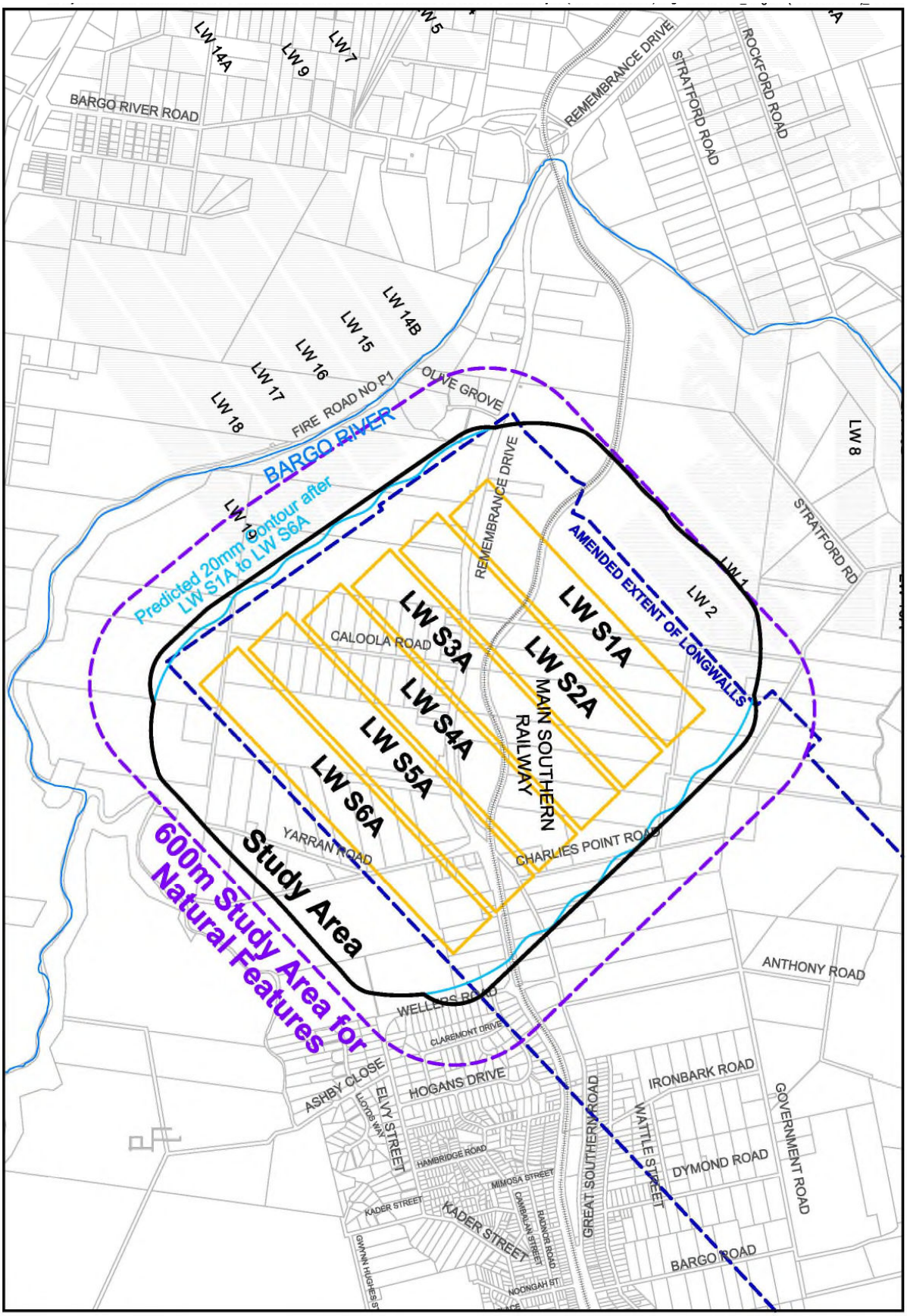
Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

Department of Planning and Environment

Our reference: DOC22/67868
Contact: Meagan Hinds
9585 6825
03-02-2022

April Hudson
Approvals Specialist
SIMEC Mining
April.Hudson@simecgfg.com

Dear April,

Re: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation.

I am writing in response to your email dated 22 December seeking comment on Tahmoor Coal's extraction plan currently in preparation for Longwalls South 1A to South 6A. I understand that this referral is to meet the consultation requirement with the Environment, Energy and Science Group during the development of this plan.

It is recommended that consideration be given to: subsidence impacts to Horne Creek which currently has good water quality and feeds into the Bargo River near Picton Weir and the re-opening of fractures in the Bargo River caused by extraction of longwalls 14 – 19 (grey shaded area in the supplied figure and mapped by MSEC). In both instances, this will require an appropriate water monitoring program and a clear commitment to undertake the necessary remediation actions, should impacts occur.

In addition, it suggested that an update is provided on the progress of the remediation of Myrtle and Redbank Creek which outlines the outcomes of an inspection of Redbank Creek remediation works and data that demonstrates 'success' of this work.

I will continue to co-ordinate the Divisions' review of the completed plans and when ready please forward them to me via email at liza.Schaeper@environment.nsw.gov.au.

Yours sincerely

Liza Schaeper

Liza Schaeper
Senior Team Leader
Ecosystems and Threatened Species, Greater Sydney

Locked Bag 5022 Parramatta NSW 2124
Parramatta Square 12 Darcy St Parramatta NSW 2150
Tel: (02) 9895 6211
ABN 30 841 387 271
www.environment.nsw.gov.au

22 November 2021

Crown Lands Division
NSW Department of Planning, Industry and Environment
PO Box 2155
Dangar NSW 2309

Emailed to:
cl.enquiries@crownland.nsw.gov.au

To whom it may concern,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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Tahmoor Coal is currently preparing an Extraction Plan for Longwalls South 1A to South 6A (LW S1A-S6A) in accordance with the condition C8 of the Development Consent (SSD 8445). The attached figure illustrates the location of the proposed longwalls, as well as the Study Area of this Extraction Plan and the predicted 20 mm subsidence contour.

The Extraction Plan will provide an overview of the project, details of the development of the Extraction Plan, details on how subsidence impacts and environmental consequences will be monitored and managed during and after mining, and details on how the Extraction Plan will be implemented.

The Extraction Plan will be supported by the following key documents:

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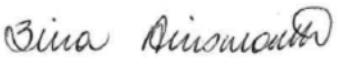
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

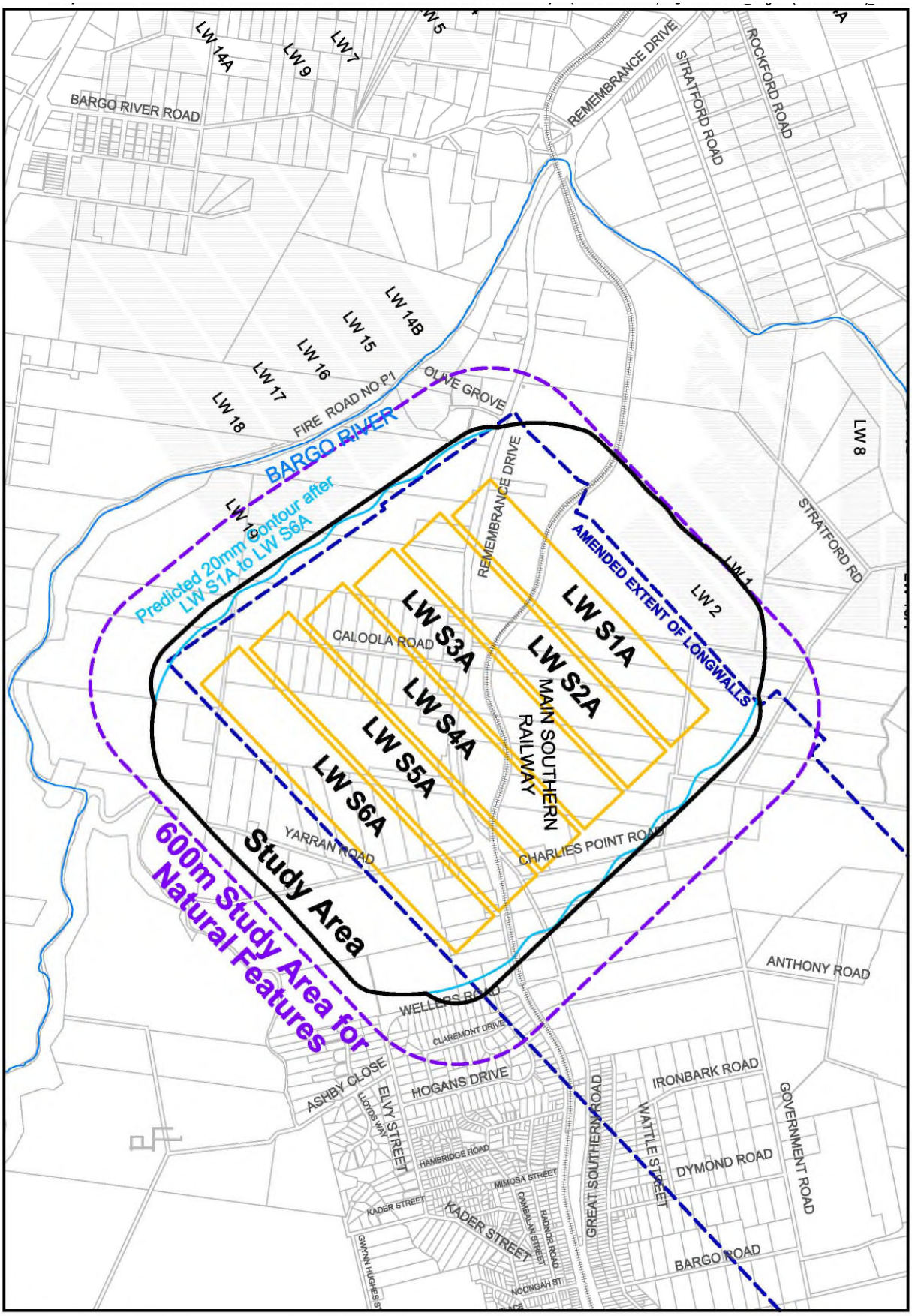
Tahmoor Coal would like to consult with DPIE Crown Lands Division regarding the LW S1A-S6A Extraction Plan currently in preparation. We would be pleased to incorporate your organisation's preliminary comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

Department of Planning and Environment

Zina Ainsworth

Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining
PO Box 100, Tahmoor, NSW 2573

Our ref: DOC22/014083

Your ref:

File:22/00516

02 February 2022

Dear Ms Ainsworth

Subject: Tahmoor South Longwalls South 1A to South 6A Extraction Plan Letter of Consultation

Thank you for your request for Crown Lands' preliminary comments on the Extraction Plan.

I apologise for the delay in replying. It is envisaged that the purpose of the "Study Area" and "600m Study Area for Natural Features" outlined in the Extraction Plan, attached to your letter, will best be further explained in the plan.

Mitigation of impacts on the Bargo River and other watercourses, as a consequence of the longwall extraction works will need to be addressed in the plan.

Within the Longwall area , there is a substantial amount of Crown land. This Crown land includes Dedication 500432 managed by The National Trust of Australia for Conservation of Native Flora, Fauna (45.03 ha) including Lot 33 DP 751250, Lot 18 DP 751250, Lot 19 DP 751250, all on the eastern side of Remembrance Drive.

This reserve is adjoined by other Crown reserves e.g. R751250 (1784 ha), a Parish reserve for Bargo, Camden with purpose of future public requirements, environmental studies and training purposes.

Within the 600m Study Area for Natural Features, identified in the Extraction Plan, the Wingecarribee Shire Council holds Licence No 625498 (a Section 2.20 licence – Short Term Licence Type 1a – Combined) with Crown lands for Environmental Protection, which includes Lot 7311 DP1141025). The account area for this licence is 9397 ha of Crown land, so extends well beyond the Study Areas identified.

The Crown land area between Bargo and Tahmoor is understood to support numerous Endangered Ecological Communities and Threatened Species of Flora & Fauna . The Extraction Plan will need to address mitigation of adverse impacts of the extraction operation on flora and fauna within the Study Areas. Further, access arrangements to be made by Tahmoor Coal Pty Ltd are not to adversely impact any Crown land within the Study Areas.

Surface disposal areas for material from the underground longwall sites will likely be documented in the plan. It is desirable that arrangements for disposal of spoil do not adversely impact on public land (including Crown land) in the environs.

Should you have any queries about the comments made, please advise.

Yours sincerely,

Stan Rees

Natural Resources Management Project Officer Crown Lands, Parramatta

22 November 2021

Gang Li
Principal Inspector - Subsidence
Department of Regional NSW – Resources Regulator
PO Box 344
Hunter Region Mail Centre NSW 2310

Emailed to:
gang.li@planning.nsw.gov.au
subsidence.monitoring@planning.nsw.gov.au
nswresourcesregulator@service-now.com

Dear Gang,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

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- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with the Resources Regulator regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of built features in the Study Area and public safety, which would be considered in the LW S1A-S6A Built Features Management Plan and individual management plans, Subsidence Monitoring Program and the Public Safety Management Plan.

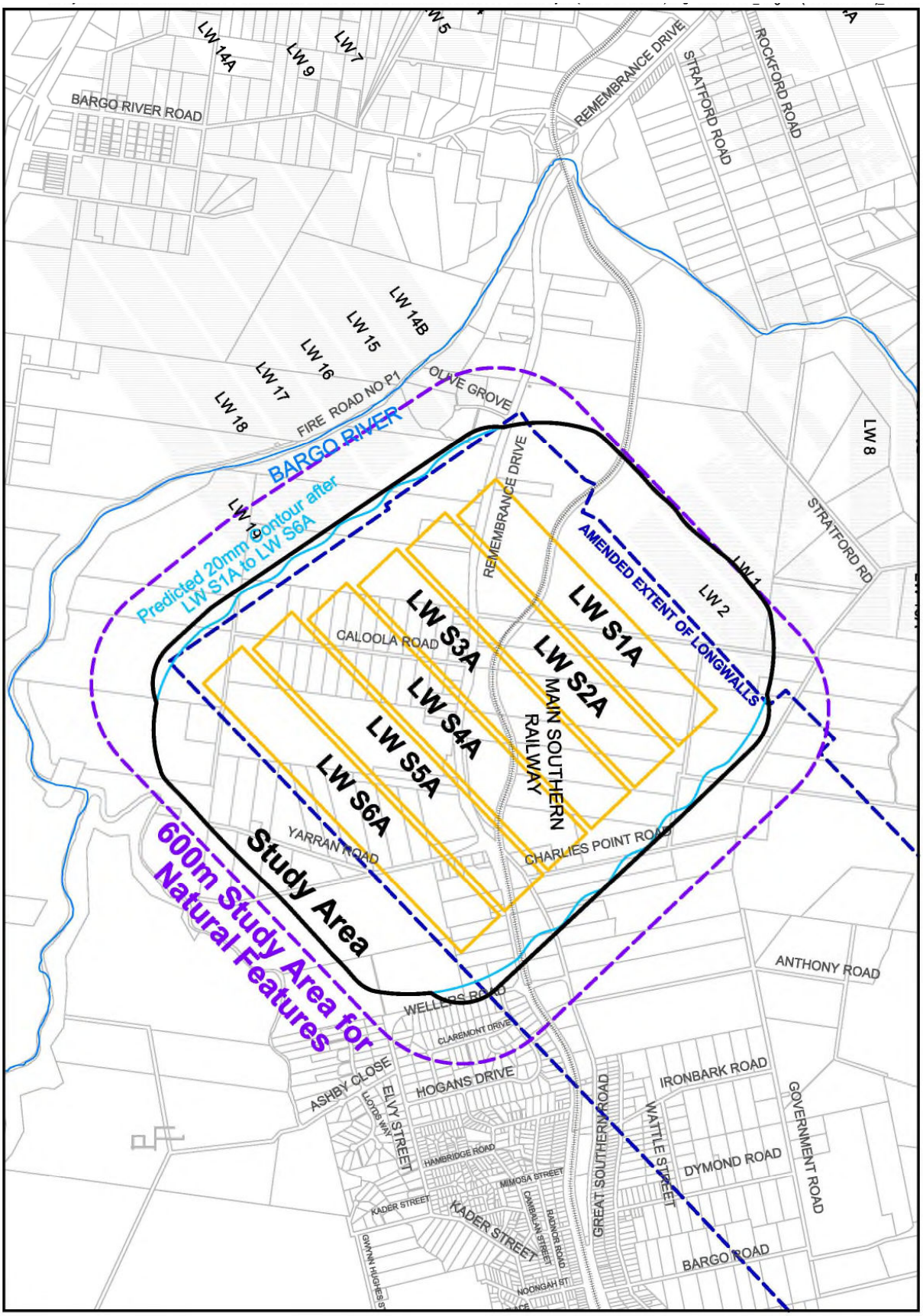
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

April Hudson

From: Ross Barber
Sent: Saturday, 14 May 2022 9:14 AM
To: Phil Steuart
Cc: Daryl Kay; Gang Li; Ray Ramage; RRD OCI Subsidence Monitoring Mailbox; April Hudson
Subject: RE: Tahmoor South (draft) Monitoring Plan
Attachments: LW S1A-S6A Subsidence Monitoring Plan_V1_20220513 (final).pdf

Hi Phil

As requested please see attached LWS1A – S6A Monitoring Plan V1 as requested

Sorry for the delay

Kind regards

Ross Barber
Project Manager Subsidence

T: +61-2-4640-0028
M: +61-0419 466 143
E: Ross.Barber@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Bargo NSW 2574
simec.com

SIMEC

MEMBER OF GFG ALLIANCE

From: Phil Steuart <phil.steuart@planning.nsw.gov.au>
Sent: Monday, 4 April 2022 12:00 PM
To: Ross Barber <Ross.Barber@simecgfg.com>
Cc: Daryl Kay <daryl@minesubsidence.com>; Gang Li <gang.li@planning.nsw.gov.au>; Ray Ramage <ray.ramage@planning.nsw.gov.au>; RRD OCI Subsidence Monitoring Mailbox <subsidence.monitoring@planning.nsw.gov.au>
Subject: RE: Tahmoor South (draft) Monitoring Plan

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ross,

Whilst the draft monitoring layout plan sent for Tahmoor South is helpful, it is not possible for our team to form a view of the adequacy of subsidence survey monitoring proposed, based on proposed monitoring locations alone.

The Tahmoor South draft subsidence survey monitoring proposal (including a document outlining proposed frequencies, parameters to be measured, inspection locations/regimes, proposed target survey accuracies and methodologies etc) is required before our team can form an accurate view of the adequacy of the monitoring proposed for Tahmoor South. The draft proposal will also help provide focus to the planned site inspection by the subsidence inspectors.

Details provided soon should cover at least the initial longwall commencement, including surface features potentially influenced early on.

As you are aware, the time available is now quite short - especially in the event that changes to the proposed monitoring are considered warranted, based on the results of our reviews. This can potentially become difficult for Tahmoor Colliery to manage effectively.

To avoid any last minute "surprises" and/or potential delays, the additional details outlined above need to be provided for our review as soon as possible.

Regards,

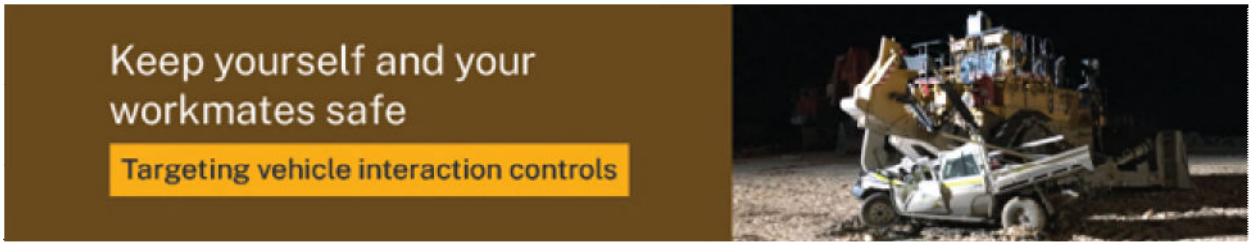
Phil Steuart
Senior Mine Safety Officer (Subsidence Engineering)

NSW Resources Regulator | Department of Regional NSW
T 02 4063 6484 | **E** phil.steuart@planning.nsw.gov.au
8 Hartley Drive, Thornton NSW 2322





The Department of Regional New South Wales acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for Elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.



From: Ross Barber <Ross.Barber@simecgfg.com>
Sent: Thursday, 24 March 2022 2:32 PM
To: Phil Steuart <phil.steuart@planning.nsw.gov.au>
Cc: Daryl Kay <daryl@minesubsidence.com>; Amanda Fitzgerald <Amanda.Fitzgerald@simecgfg.com>; April Hudson <April.Hudson@simecgfg.com>
Subject: Tahmoor South (draft) Monitoring Plan

Hi Phil

As requested please see attached draft monitoring plan for Tahmoor South A-series
Worth noting

- The rail corridor survey is shown as a single line only and does not show any of the proposed detailed embankment survey
- The land at the start of LW SA1 to SA3 running to the railway corridor is Wirrimbirra Natural Reserve – they have significant vegetation restrictions and installing survey lines is not allowed under our access agreement

This is a draft document with all the assets and details known to date

I will send you updates as they arise until finalised

I hope this meets your requirements

Kind regards

Ross Barber
Project Manager Subsidence

T: +61-2-4640-0028
M: +61-0419 466 143
E: Ross.Barber@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Bargo NSW 2574
simec.com







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Any opinions contained in this message are those of the author and are not provided or endorsed by ourselves unless clearly indicated and the authority or the author to so bind is duly verified.

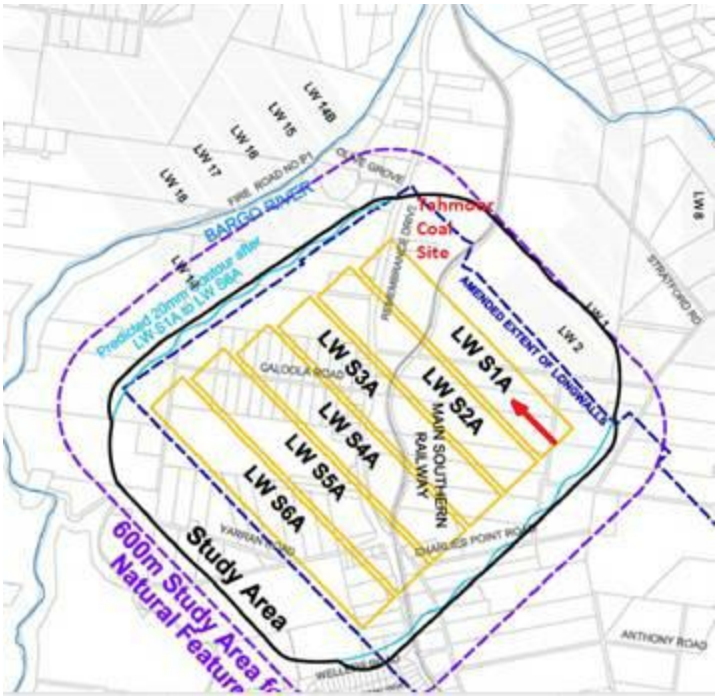
Archived: Tuesday, 1 March 2022 7:52:43 AM
From: Ross Barber
Sent: Tuesday, 25 January 2022 11:36:00 AM
To: Phil Steuart; Gang Li; April Hudson; Daryl Kay; Zina Ainsworth
Cc: RRD OCI Subsidence Monitoring Mailbox
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan
Sensitivity: Normal

Hi Phil

As discussed the letter dated the 23rd Dec from Tahmoor Coal was the initial consultation advice to all stakeholders involved in the Tahmoor South proposed development area.

The initial longwall blocks S1a – S6a will be extracted from north to south as shown with the red arrow on the below plan extract and in a sequence S1a to S6a.
The (draft) monitoring plan as requested is only in raw form and not at a stage for distribution.
Tahmoor Coal is planning to have a draft monitoring plan by March / April for distribution.
Tahmoor Coal recognises that Far Field assets will form part of the monitoring plan.

With the reduction in Longwall West W4 by approx. 300m, the Tahmoor South is currently schedule to start extraction around Sept 21, subject to all approvals in place.



I will endeavour to keep you informed on the progress if the advised dates slip.

Kind regards
Ross Barber
Project Manager Subsidence

T: +61-2-4640-0028
M: +61-0419 466 143

E: Ross.Barber@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Bargo NSW 2574
simec.com

From: Phil Steuart <phil.steuart@planning.nsw.gov.au>
Sent: Wednesday, 19 January 2022 12:56 PM
To: Ross Barber <Ross.Barber@simecgfg.com>
Cc: RRD OCI Subsidence Monitoring Mailbox <subsidence.monitoring@planning.nsw.gov.au>; Gang Li <gang.li@planning.nsw.gov.au>
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan

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Ross,

Further to my email dated 23/12/21 (below), please advise if there has been any progress with the subsidence monitoring proposal for the proposed Tahmoor South LWS1A-S6A.

Please note that with proposed new longwall areas, it is common industry practice for Mine Operators to first provide a monitoring proposal - draft at least (with proposed monitoring line layout plan and documented monitoring details), to "get the ball rolling". This is then usually followed by (or concurrent with) site inspections etc - currently problematic, due to Covid.

Regards,

Phil Steuart
Senior Mine Safety Officer (Subsidence Engineering)

NSW Resources Regulator | Department of Regional NSW
T 02 4063 6484 | **E** phil.steuart@planning.nsw.gov.au
8 Hartley Drive, Thornton NSW 2322

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NSW GOVERNMENT Regional NSW

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From: Phil Steuart **On Behalf Of** RRD OCI Subsidence Monitoring Mailbox
Sent: Thursday, 23 December 2021 9:57 AM
To: Ross Barber <Ross.Barber@simecgfg.com>
Cc: RRD OCI Subsidence Monitoring Mailbox <subsidence.monitoring@planning.nsw.gov.au>; Gang Li <gang.li@planning.nsw.gov.au>
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan

Hi Ross,

Please provide a subsidence monitoring plan proposal (at least a draft) for the proposed Tahmoor South LWS1A-S6A, as soon as practicable.

Regards,

Phil Steuart
Senior Mine Safety Officer (Subsidence Engineering)

NSW Resources Regulator | Department of Regional NSW
T 02 4063 6484 | **E** phil.steuart@planning.nsw.gov.au
8 Hartley Drive, Thornton NSW 2322





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22 November 2021

Greg Kininmonth
Manager Environmental Operations
Department of Regional NSW – Resources Regulator
PO Box 674
Wollongong NSW 2520

Emailed to:
greg.kininmonth@planning.nsw.gov.au
nswresourcesregulator@service-now.com

Dear Greg,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

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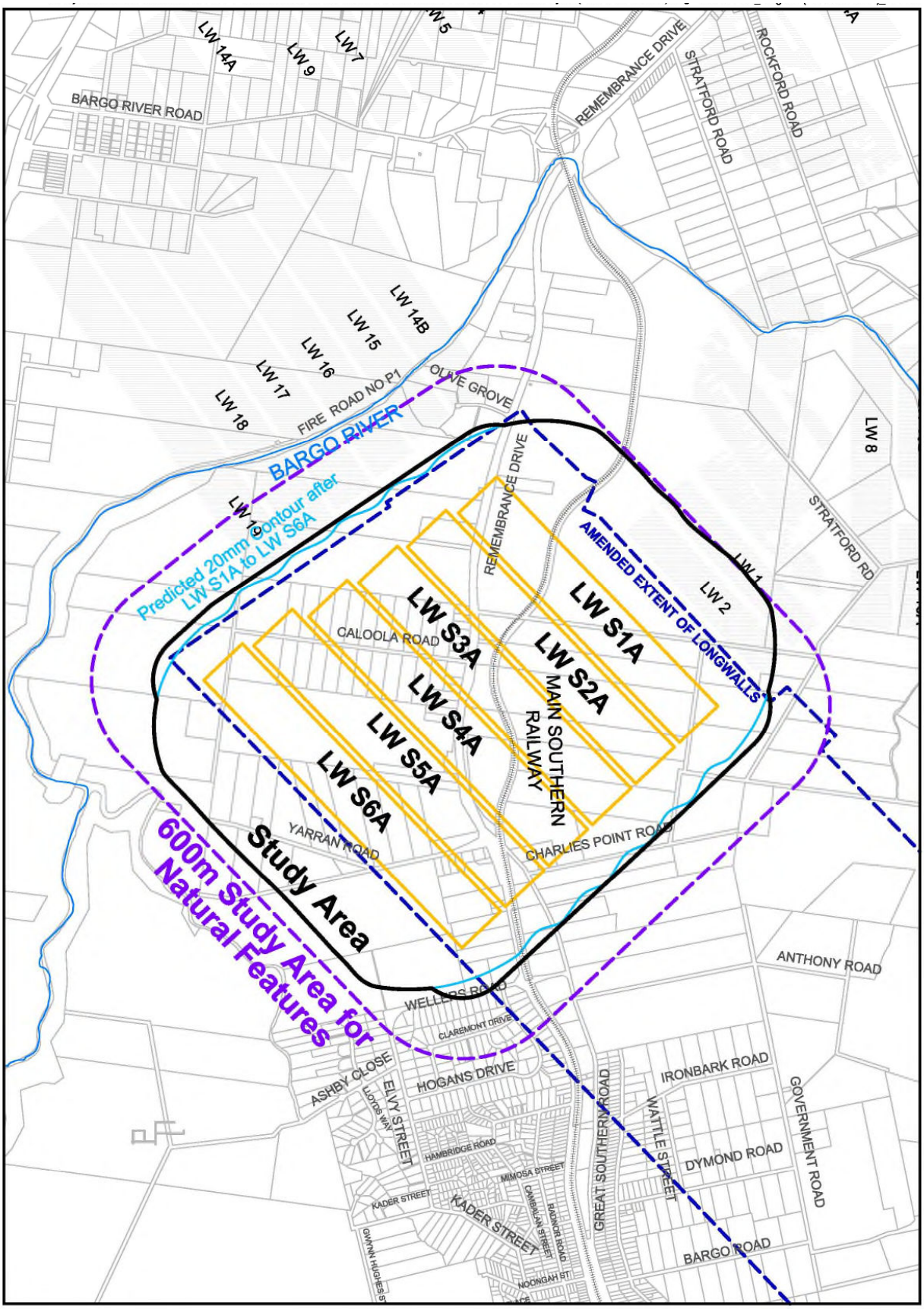
Tahmoor Coal would like to consult with Resources Regulator – Mining Act Inspectorate regarding the LW S1A-S6A Extraction Plan currently in preparation. We would be pleased to incorporate your organisation's preliminary comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by Friday 4 February 2022.

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

April Hudson

From: Resources Regulator <nswresourcesregulator@service-now.com>
Sent: Tuesday, 25 January 2022 3:57 PM
To: April Hudson
Cc: Zina Ainsworth; Peter McMillan; Greg Kininmonth
Subject: AREQ0024405 | Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation F

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Hi April,

At this stage the Resources Regulator has no specific comment regarding consultation for Tahmoor Coal's Longwalls South 1A to South 6A Extraction Plan.

Regards,

Peter McMillan
Inspector Environment
MAI - Team 1 | Resources Regulator
M 0499 944 843

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NSW GOVERNMENT | Regional NSW

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Ref:MSG0601401_Db9UVn83spSJnRdy5fuM

22 November 2021

Adam Bannister
Senior Advisory Officer – Assessment Coordination
Resources Assessments
Department of Regional NSW – Mining Exploration and Geoscience
PO Box 674
Wollongong NSW 2500

Emailed to:
assessment.coordination@planning.nsw.gov.au
resource.operations@planning.nsw.gov.au

Dear Adam,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

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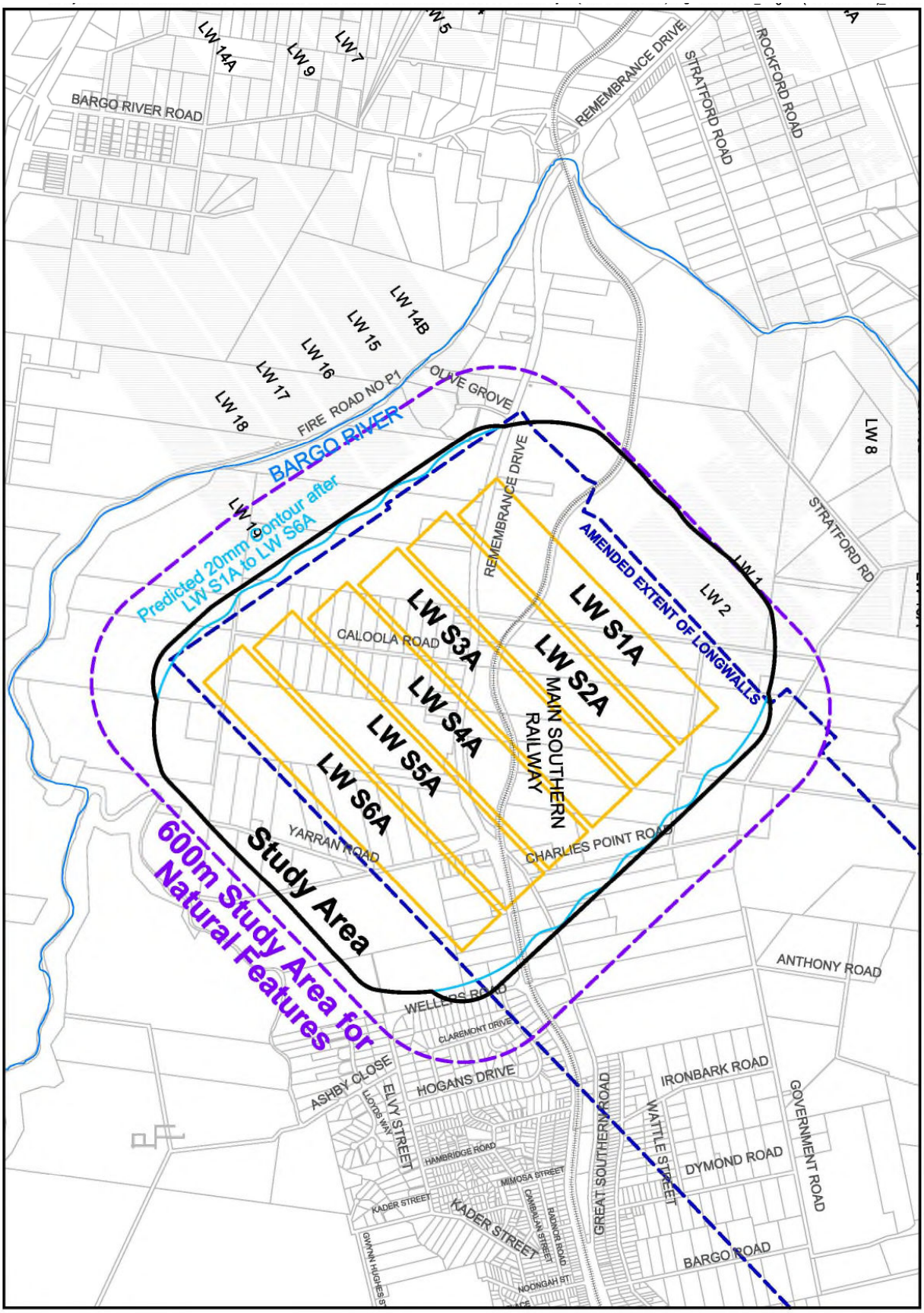
Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

April Hudson

From: Adam Banister <adam.banister@regional.nsw.gov.au>
Sent: Friday, 28 January 2022 2:03 PM
To: April Hudson
Cc: MEG Mining Concierge Mailbox
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

You don't often get email from adam.banister@regional.nsw.gov.au. Learn why this is important

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Thanks April. MEG has no comments regarding the preliminary proposal for consultation that you have submitted to us.
We will feed any advice into the EP process with DPIE Resource Assessments.

Thank you for making contact. It is appreciated.

Kind Regards,

Adam W. Banister
Senior Advisor Industry Advisory & Mining Concierge | Industry Development
E: adam.banister@regional.nsw.gov.au
M: +61 499 299 570 | **T:** +61 2 4931 6439
Mon Tue Wed Thu Fri
✔ ✔ ✔ ✔ ✔
Chartered Geologist & Fellow – Geological Society of London
Certified Professional Geologist – American Institute of Professional Geologists

Mining, Exploration & Geoscience | Department of Regional NSW
Location: 516 High Street Maitland NSW 2320 | Australia

The Department of Regional New South Wales acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for Elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.

From: April Hudson <April.Hudson@simecgfg.com>
Sent: Friday, 28 January 2022 10:15 AM
To: Adam Banister <adam.banister@regional.nsw.gov.au>
Cc: MEG Mining Concierge Mailbox <Mining.Concierge@regional.nsw.gov.au>
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Hi Adam,

Thanks for your response. We are aiming for March / April submission of the Extraction Plan to DPIE.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

From: Adam Banister <adam.banister@regional.nsw.gov.au>
Sent: Thursday, 27 January 2022 5:12 PM
To: April Hudson <April.Hudson@simecgfg.com>
Cc: MEG Mining Concierge Mailbox <Mining.Concierge@regional.nsw.gov.au>
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

You don't often get email from adam.banister@regional.nsw.gov.au. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi April,

My apologies for the delay. I have only returned from leave this week.
I will review the EP and forward any advice back to you.

When do you expect to lodge the EP with Planning?

Adam.

Kind Regards,
Adam W. Banister
Senior Advisor Industry Advisory & Mining Concierge | Industry Development
E: adam.banister@regional.nsw.gov.au
M: +61 499 299 570 | **T:** +61 2 4931 6439
Mon Tue Wed Thu Fri
✔ ✔ ✔ ✔ ✔
Chartered Geologist & Fellow – Geological Society of London
Certified Professional Geologist – American Institute of Professional Geologists

Regional NSW
Mining, Exploration & Geoscience | Department of Regional NSW
Location: 516 High Street Maitland NSW 2320 | Australia

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Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.

From: Mike Hagerthy <Michael.Hagerthy@planning.nsw.gov.au> **On Behalf Of** DRG RO Resource Operations Mailbox
Sent: Thursday, 23 December 2021 8:06 AM
To: Adam Banister <adam.banister@regional.nsw.gov.au>
Subject: FW: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Hi Adam,

This letter is addressed to you.

Please note that the Mining, Exploration and Geoscience Christmas shutdown period is from Monday 27 December 2021 to Friday January 7 2022. We will also be operating at a reduced capacity from 20 December 2021. Correspondence received during this time will be attended to on our return on Monday 10 January 2022.

Kind regards,

Mike Hagerthy
Project Officer

Mining, Exploration and Geoscience | Department of Regional NSW
T 02 4063 6600 | **E** resource.operations@planning.nsw.gov.au
516 High Street, Maitland NSW 2320
nsw.gov.au/regionalnsw

The Department of Regional New South Wales acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for Elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.

Please note that my team and I are currently working remotely or from home until further notice. While we hope to maintain business as usual, we appreciate your patience with any potential delays associated with some services and requests.

From: April Hudson <April.Hudson@simecgfg.com>
Sent: Wednesday, 22 December 2021 6:18 PM
To: DRG RO Assessment Coordination Mailbox <assessment.coordination@planning.nsw.gov.au>; DRG RO Resource Operations Mailbox <resource.operations@planning.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Dear Adam,

Please see attached a letter regarding consultation for Tahmoor Coal's Longwalls South 1A to South 6A Extraction Plan.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

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Any opinions contained in this message are those of the author and are not provided or endorsed by ourselves unless clearly indicated and the authority or the author to so bind is duly verified.

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22 November 2021

NRAR Service Desk
NSW Infrastructure – Land & Water – Natural Resources Access Regulator
Locked Bag 5022
Parramatta NSW 2124

Emailed to:
nrar.servicedesk@dpie.nsw.gov.au

To whom it may concern,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

Tahmoor Mine has been operating continuously since 1979, and longwall mining methods have been used since 1987. Tahmoor Coal has previously mined 34 longwalls to the north and west of the Tahmoor Mine's current pit top location.

Tahmoor Coal obtained approval for the Tahmoor South Project on 23 April 2021, which was assessed as State Significant Development under the provision of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The Project will extend underground coal mining at Tahmoor Mine, to the south of Tahmoor Coal's existing mining area (referred to as the Tahmoor South Domain).

Tahmoor Coal is currently preparing an Extraction Plan for Longwalls South 1A to South 6A (LW S1A-S6A) in accordance with the condition C8 of the Development Consent (SSD 8445). The attached figure illustrates the location of the proposed longwalls, as well as the Study Area of this Extraction Plan and the predicted 20 mm subsidence contour.

The Extraction Plan will provide an overview of the project, details of the development of the Extraction Plan, details on how subsidence impacts and environmental consequences will be monitored and managed during and after mining, and details on how the Extraction Plan will be implemented.

The Extraction Plan will be supported by the following key documents:

- Subsidence Prediction and Impact Assessment Report;
- Water Management Plan;
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

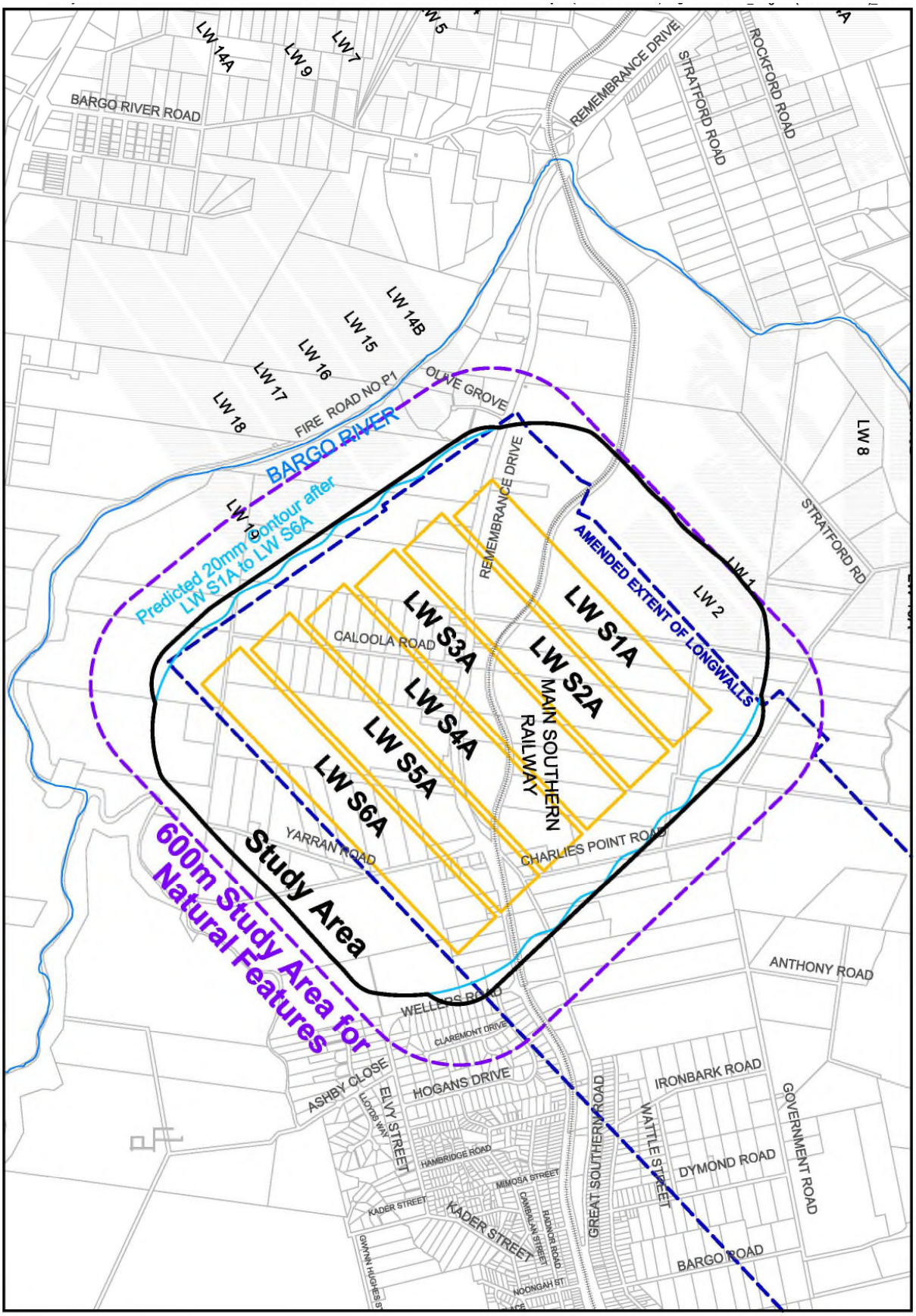
Tahmoor Coal would like to consult with the Natural Resources Access Regulator (NRAR) regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of surface water and groundwater resources in the Study Area, which would be considered in the LW S1A-S6A Water Management Plan.

We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,

Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

22 November 2021

Customer Helpdesk / Environmental Assessments
WaterNSW
PO box 398
Parramatta NSW 2124

Emailed to:
environmental.assessments@waternsw.com.au

To whom it may concern,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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- Water Management Plan;
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

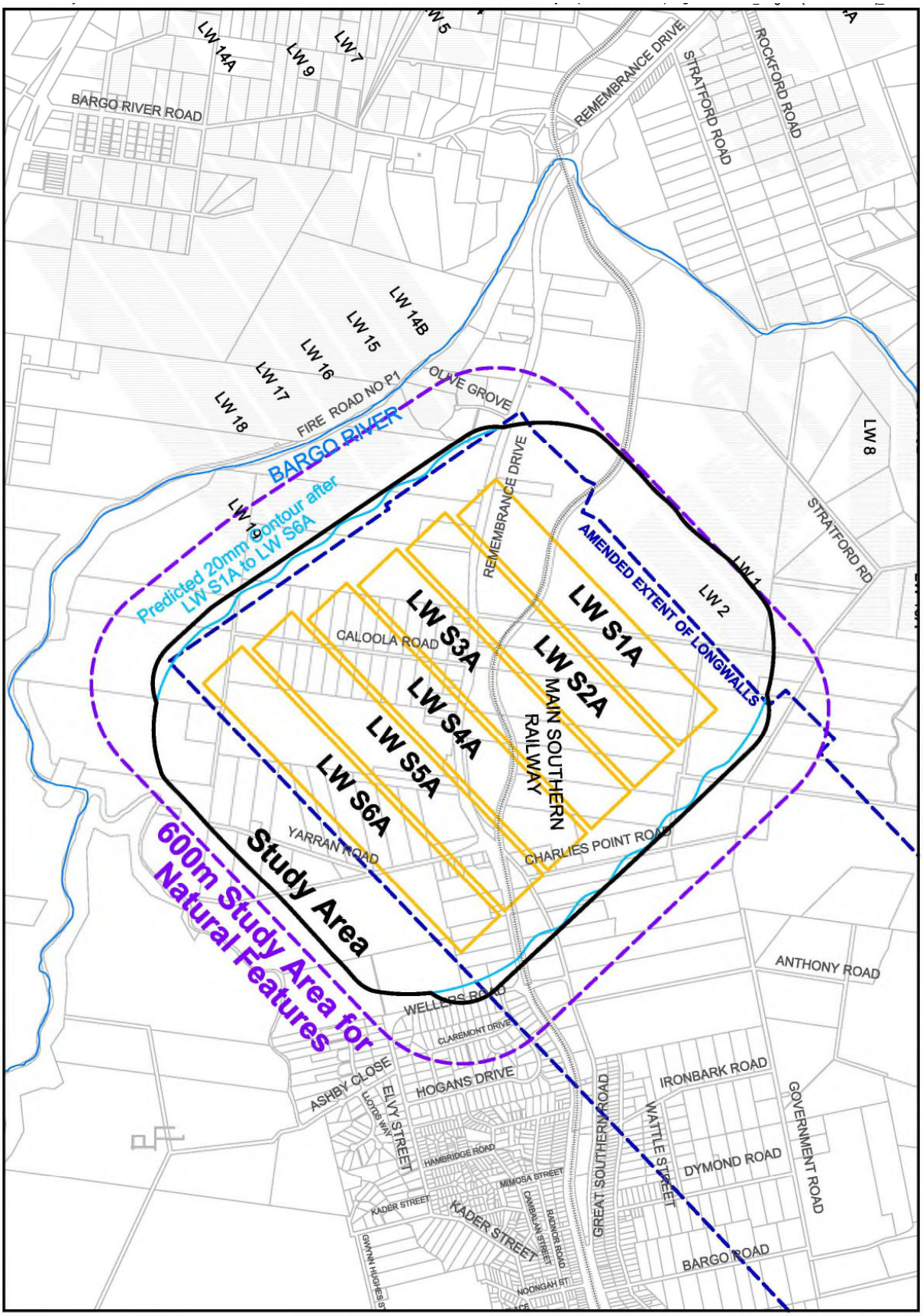
Tahmoor Coal understand that the Study Area is not located within the Sydney Drinking Water Catchment area. However, Tahmoor Coal would like to consult with the WaterNSW regarding the LW S1A-S6A Extraction Plan currently in preparation. We would be pleased to incorporate your organisation's preliminary comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

April Hudson

From: Ravi Sundaram <ravi.sundaram@waternsw.com.au>
Sent: Monday, 10 January 2022 4:59 PM
To: April Hudson
Cc: Zina Ainsworth; Girja Sharma; Daryl Gilchrist
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Some people who received this message don't often get email from ravi.sundaram@waternsw.com.au. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello April
Thank you for consulting with WaterNSW on the above application. The application is located outside the Sydney Drinking Water Catchment (SDWC) and Special Areas.

WaterNSW has previously reviewed the Project EIS, Response to Submissions (RTS) and the Project Amendment Report (PAR), and stated in its response dated 18th August 2020 (our reference - D2020/86406) that WaterNSW did not add any comments as the impact on SDWC was insignificant as:

1. The proposed mining areas are located outside Water NSW's Metropolitan Special Area and SDWC.
2. Overall, cumulative impacts of mining and associated subsidence on surface water and groundwater will be reduced due to reduced work plans. Impact on subsidence and mine inflow are predicted to be less due to shorter operation, but the peak impact is unchanged.
3. Surface water flow and quality within SDWC is predicted not to be impacted as a result of the proposed mining because:
    - the closest mining area is approximately 1 km away from Cow Creek within SDWC, and
    - the surface water from the proposed mining area will drain to Nepean catchment outside SDWC.
4. The groundwater assessment predicted
    - reduction of total mine inflow 1800 ML/y and cumulative reduction of 4100-6400 ML by 3 years shorter operation period
    - peak mine inflow is unlikely to change associated LW 104B & 105 B in 2028
    - baseflow losses predicted to be less in Cow Creek but no figures provided. Note the impact within SDWC was already low or insignificant as previously estimated in PAR as below:
        - Metropolitan Special Area 0.05/0.25 (ML/d)
        - Warragamba Special Area 0.01/0.005 (ML/d)
        - Cow Creek 0.018/0.019 (ML/d), equivalent to 0.69% for daily flow
        - Pheasant's nest weir 0.014/0.016 (ML/d)

WaterNSW recommends that:

1. The proposed Longwalls South 1A to South 6A extraction plan including the Surface Water Management Plan confirm the above assessment on the SDWC and detail relevant monitoring and management measures.
2. The extraction plan consider WaterNSW Mining Principles and Water Monitoring Guidelines for Underground Mining Activities even though the application area is located outside the SDWC and Special Areas. These documents are part of current accepted Best Recommended Practice for managing mining impacts In NSW. The documents can be downloaded from the WaterNSW website https://www.waternsw.com.au/water-quality/catchment/mining.

Please feel free to contact me if you wish to discuss any matter raised above. WaterNSW appreciates being consulted in developing the extraction plan and requests it be provided a copy of the Water Management Plan for review.

Regards

Ravi

Ravi Sundaram
Mining Catchment Specialist

PO Box 398, Parramatta NSW 2124
Level 14, 169 Macquarie Street
Parramatta NSW 2150
T: 02 9865 2507
M.: 0428 226 152/ 0451 510 194
ravi.sundaram@waternsw.com.au
www.waternsw.com.au

Note: Please contact me by email or on my mobile until further notice as I may be working remotely.

From: April Hudson <April.Hudson@simecgfg.com>
Sent: Wednesday, 22 December 2021 6:18 PM
To: Environmental Assessments <Environmental.Assessments@waternsw.com.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

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To whom it may concern,

Please see attached a letter regarding consultation for Tahmoor Coal's Longwalls South 1A to South 6A Extraction Plan.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com







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Any opinions contained in this message are those of the author and are not provided or endorsed by ourselves unless clearly indicated and the authority or the author to so bind is duly verified.

22 November 2021

Heritage NSW
Department of Premier and Cabinet
Locked Bag 5020
Parramatta 2124

Emailed to:
heritagemailbox@environment.nsw.gov.au

To whom it may concern,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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- Water Management Plan;
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with the Heritage NSW regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of heritage items in the Study Area, which would be considered in the LW S1A-S6A Heritage Management Plan.

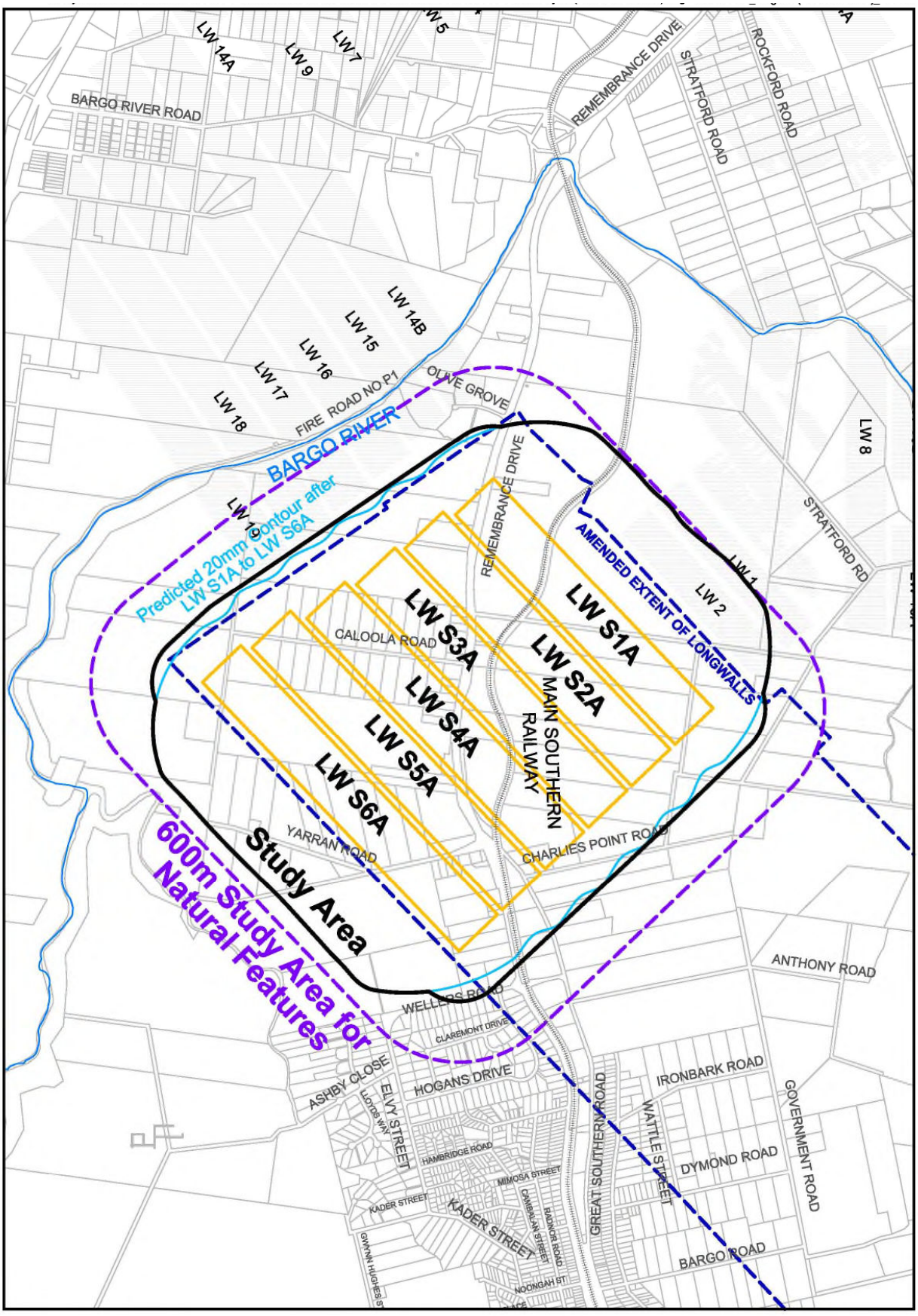
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

April Hudson

From: Nicole Davis <Nicole.Davis@environment.nsw.gov.au>
Sent: Sunday, 13 March 2022 3:00 PM
To: April Hudson
Subject: Heritage NSW Reply - Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation, 13.3.2022

You don't often get email from nicole.davis@environment.nsw.gov.au. Learn why this is important

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Hi April,

Thank you for your email. Heritage NSW does not have any preliminary comments for the preparation of the Longwall South 1A to South 6A Extraction Plan, with respect to Aboriginal cultural heritage.

Kind regards
Nicole Davis

Nicole Davis | **Manager Assessments**
Heritage NSW, Community Engagement, Department of Premier and Cabinet
Level 6, 10 Valentine Ave, Parramatta | Locked Bag 5020 Parramatta 2124
T: 02 4927 3156 M: 0409 394 343 | nicole.davis@environment.nsw.gov.au



I acknowledge and respect the traditional custodians and ancestors of the lands I work across.
Website Facebook Instagram LinkedIn

From: April Hudson <April.Hudson@simecgfg.com>
Sent: Monday, 28 February 2022 5:15 PM
To: OEH HD Heritage Mailbox <HERITAGEMailbox@environment.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>
Subject: FW: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

To whom it may concern,

Tahmoor Coal is following up if your organisation has any preliminary comments for the preparation of the Longwall South 1A to South 6A Extraction Plan.

We are seeking final comments by **Friday 18 March 2022**. If no response is received by this date, it will be assumed your organisation has no comments.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

From: April Hudson
Sent: Wednesday, 22 December 2021 6:18 PM
To: OEH HD Heritage Mailbox <HERITAGEMailbox@environment.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

To whom it may concern,

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Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

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2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

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22 November 2021

Bill Ziegler
Manager Mining Impacts
Dam Safety Committee
10 Valentine Ave
Parramatta NSW 2150

Emailed to:
bill.ziegler@damsafety.nsw.gov.au

Dear Bill,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with the Dam Safety Committee regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of the Picton Wier, which would be considered in the LW S1A-S6A Water Management Plan as well as in a specific management plan for this infrastructure. In addition, a number of small to medium sized dams located in the Study Area will be considered in the LW S1A-S6A Land Management Plan and LW S1A-S6A Water Management Plan.

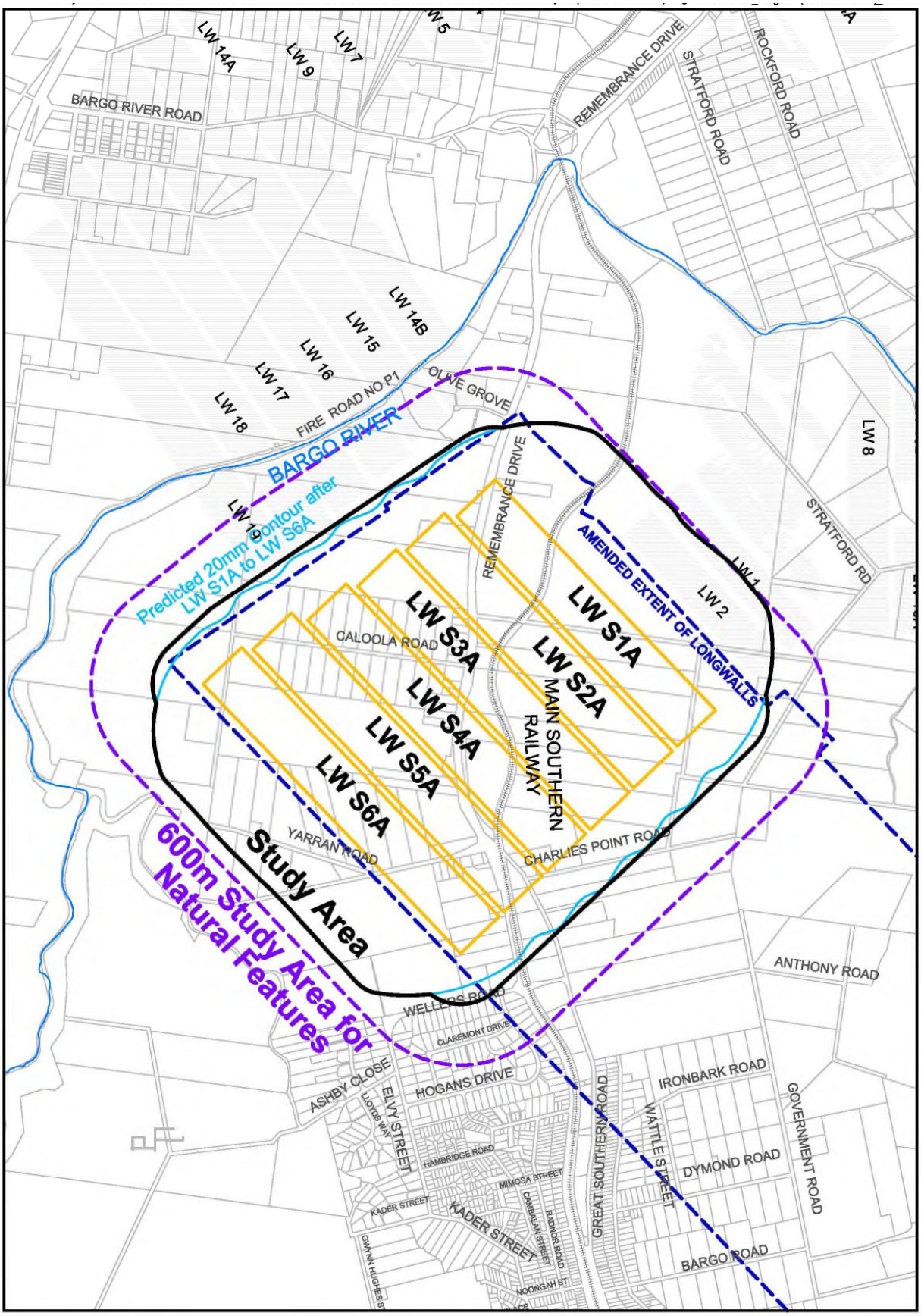
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

NSW GOVERNMENT | Dams Safety

Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining

11/03/2022

Our ref: Tahmoor South1A-6A

Dear Zina,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Thank you for providing Dams Safety NSW (DSNSW) with the letter of consultation regarding Tahmoor South Longwalls South 1A to 4A. There are no declared dams or notification areas in the area and so DSNSW has no further comments on the proposal.

If you have any queries in this regard, please contact Heather Middleton on 0428288391 or heather.middleton@damsafety.nsw.gov.au.

Yours faithfully,



Heather Middleton
Manager Mining Impacts – Dams Safety NSW

22 November 2021

Andrew Couldridge
Senior Operations Officer – Metropolitan Illawarra
NSW Environment Protection Authority
PO Box 513
Wollongong NSW 2520

Emailed to:
andrew.couldridge@epa.nsw.gov.au
epa.illawarra@epa.nsw.gov.au

Dear Andrew,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

Tahmoor Mine has been operating continuously since 1979, and longwall mining methods have been used since 1987. Tahmoor Coal has previously mined 34 longwalls to the north and west of the Tahmoor Mine's current pit top location.

Tahmoor Coal obtained approval for the Tahmoor South Project on 23 April 2021, which was assessed as State Significant Development under the provision of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The Project will extend underground coal mining at Tahmoor Mine, to the south of Tahmoor Coal's existing mining area (referred to as the Tahmoor South Domain).

Tahmoor Coal is currently preparing an Extraction Plan for Longwalls South 1A to South 6A (LW S1A-S6A) in accordance with the condition C8 of the Development Consent (SSD 8445). The attached figure illustrates the location of the proposed longwalls, as well as the Study Area of this Extraction Plan and the predicted 20 mm subsidence contour.

The Extraction Plan will provide an overview of the project, details of the development of the Extraction Plan, details on how subsidence impacts and environmental consequences will be monitored and managed during and after mining, and details on how the Extraction Plan will be implemented.

The Extraction Plan will be supported by the following key documents:

- Subsidence Prediction and Impact Assessment Report;
- Water Management Plan;
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with the NSW Environment Protection Authority regarding the LW S1A-S6A Extraction Plan currently in preparation. We would be pleased to incorporate your organisation's preliminary comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

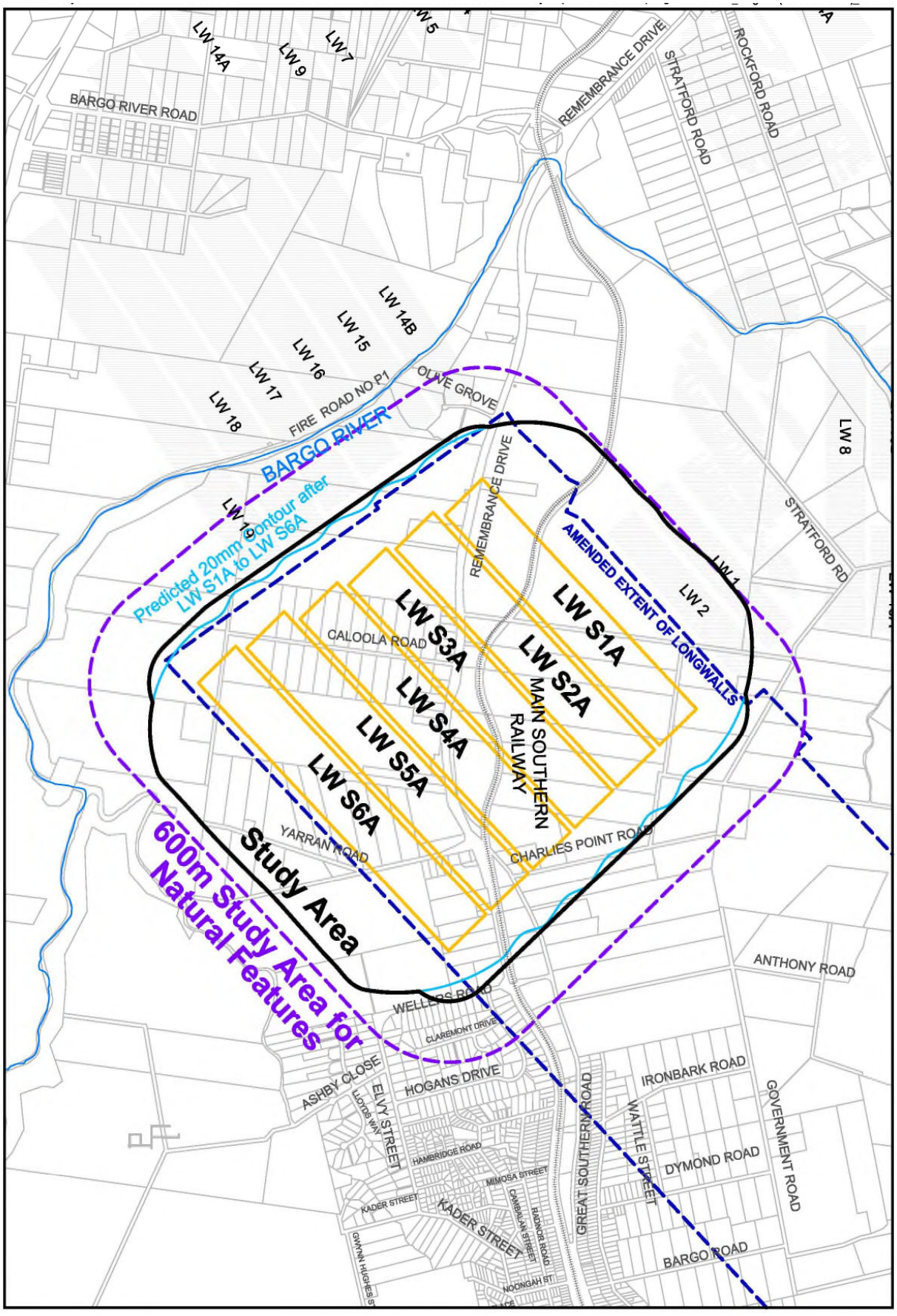
It is noted that the Bargo Waste Facility is not located within the Study Area of this Extraction Plan and will be included in the next Extraction Plan for the Tahmoor South Domain 'B' Series Longwalls.

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

DOC21/1623-01

Ms Zina Ainsworth
Tahmoor Coal Pty Ltd
PO Box 100
TAHMOOR NSW 2573

Email: zina.ainsworth@simecgfg.com

Dear Ms Ainsworth

Tahmoor South - Longwalls South 1A to South 6A - Extraction Plan

The EPA refers to Tahmoor Coal's letter dated 22 November 2021 requesting input to preparation of the above Extraction Plan for the Tahmoor South Coal Project.

The EPA does not generally assess subsidence impacts from underground coal mines because they are outside the EPA's licensing framework and regulated under development approvals issued by the Department of Planning, Industry and Investment (Planning and Assessment).

Consequently the EPA has no input to provide on the Extraction Plan.

If you have questions regarding the above, please phone Andrew Couldridge on (02) 4224 4100.

Yours sincerely

11/01/2022

GREG NEWMAN
Unit Head Regulation

22 November 2021

Mary Kovac
Agriculture Landuse Planning Officer
NSW Department of Primary Industries - Agriculture
Locked Bag 21
Orange NSW 2800

Emailed to:
mary.kovac@dpi.nsw.gov.au
landuse.ag@dpi.nsw.gov.au

Dear Mary,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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Tahmoor Coal is currently preparing an Extraction Plan for Longwalls South 1A to South 6A (LW S1A-S6A) in accordance with the condition C8 of the Development Consent (SSD 8445). The attached figure illustrates the location of the proposed longwalls, as well as the Study Area of this Extraction Plan and the predicted 20 mm subsidence contour.

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- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

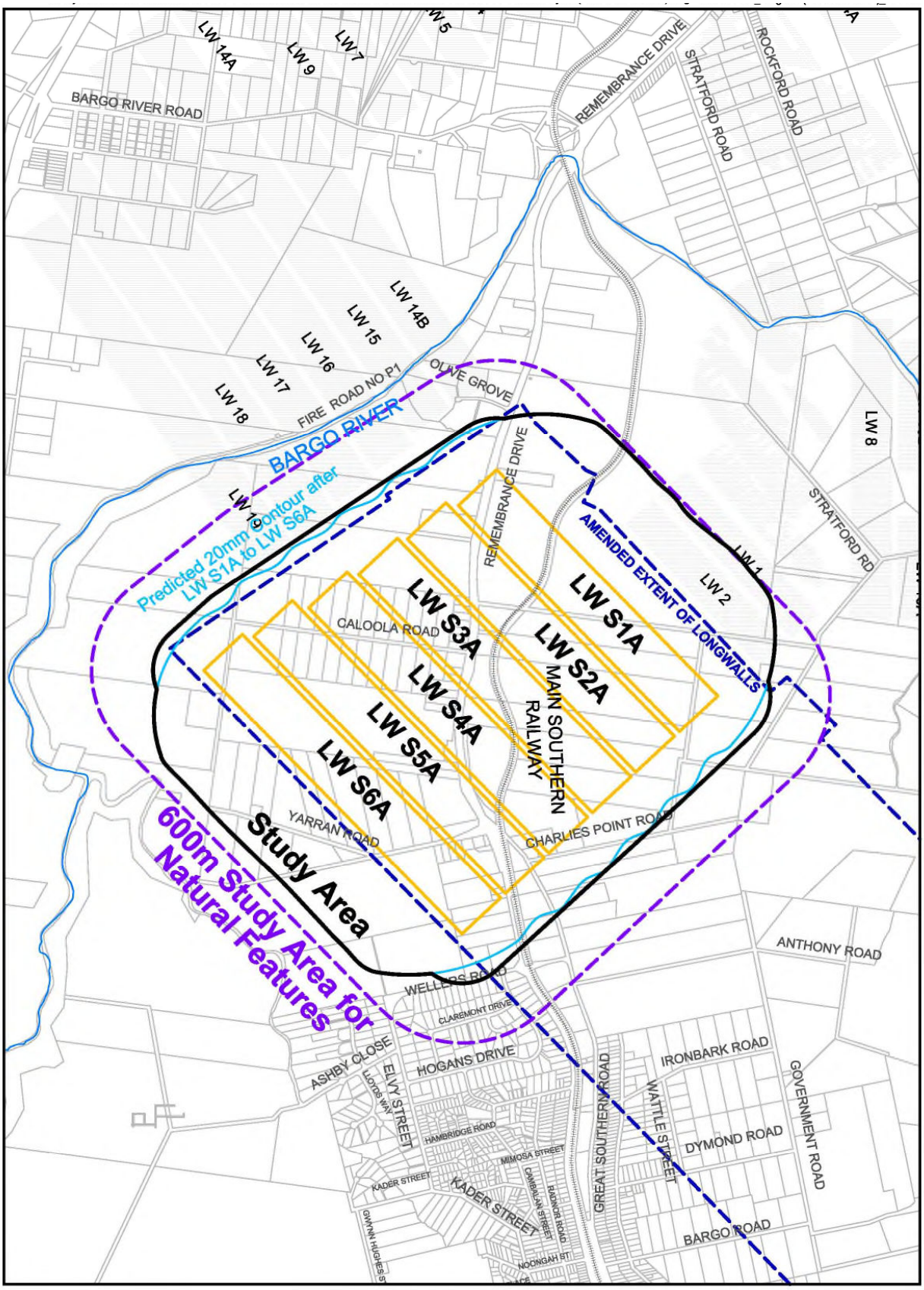
Tahmoor Coal would like to consult with the Department of Primary Industries - Agriculture regarding the LW S1A-S6A Extraction Plan currently in preparation. We would be pleased to incorporate your organisation's preliminary comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

NSW GOVERNMENT | Department of Primary Industries

OUT22/719

Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining
Tahmoor NSW 2573

Email: zina.ainsworth@simecgfg.com

Dear Ms Ainsworth

Tahmoor South Longwalls South 1A to South 6A Extraction Plan Response to Consultation

Thank you for your correspondence dated 22 November 2021 about the invitation for consultation and any comments with the Department over the LW S1A-S6A Extraction Plan input

The NSW Department of Primary Industries (DPI) Agriculture is committed to the protection and growth of agricultural industries, and the land and resources upon which these industries depend.

The DPI understands that the company is seeking advice with respect to matters it should consider in the development of the extraction plan. While the DPI does not have any regulatory involvement in this project, we have undertaken a brief review of the agricultural industries in the area and recommend that the company consider the following comments related to agricultural landuses when developing the plan:

- A full assessment of the agricultural landuses in the area that may be potentially impacted so any agricultural developments and associated enterprises in the area are considered in terms of identified risks and economic disruption particularly with subsidence.
- Consult with the owners / managers of affected and adjoining neighbours and agricultural operations in a timely and appropriate manner about; the proposal, the likely impacts and suitable mitigation measures or compensation
- Consider possible cumulative effects to agricultural enterprises and landholders from subsidence/ other impacting events.
- An assessment of the monitoring regime that will identify any changes as a result of the effects of the long wall mining, especially subsidence, this may include impacts of farm infrastructure i.e. buildings, fences, slope changes, water supply infrastructure. (This may overlap with the other documents noted in your letter).

Specialist officers in the Department have also contributed the following that may also assist in the development of the extraction plan:

Poultry

In relation to the poultry enterprises that exist in the area, that these owner/ managers as well as the processors/owners of the birds be consulted to ensure that production plans can be adjusted if required. This should have at least for 12 month periods of mining activity.

Horticulture

For protected cropping enterprises (glasshouses) located in the impacted area, the slope of the glasshouses is critical for efficient irrigation so subsidence may be a potential issue. This may also be an issue for other open horticultural enterprises e.g. olives if they are irrigated with a dripper system.

Dust can also be an issue for greenhouse/glasshouse light transmission so this needs to be addressed if dust levels are an issue above ground.

With water quality any increase in the total dissolved salts (TDS) or an increase in sodium level will be a limitation to any horticultural system relying on hydroponics or fertigation.

Should you require clarification on any of the information contained in this response, please contact me on 0427949987 or by email at landuse.ag@dpi.nsw.gov.au

Yours sincerely

Mary Kovac
Agricultural Land Use Planning Officer
Central and Far West
3 February 2022

22 November 2021

John Johnston
Technical Manager
PO Box 488G
Newcastle NSW 2300

Emailed to:
John.Johnston@customerservice.nsw.gov.au
matthew.montgomery@customerservice.nsw.gov.au
subsidencetechnical@customerservice.nsw.gov.au

Dear John,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with the Subsidence Advisory NSW regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of built features in the Study Area, which would be considered in the LW S1A-S6A Built Features Management Plan.

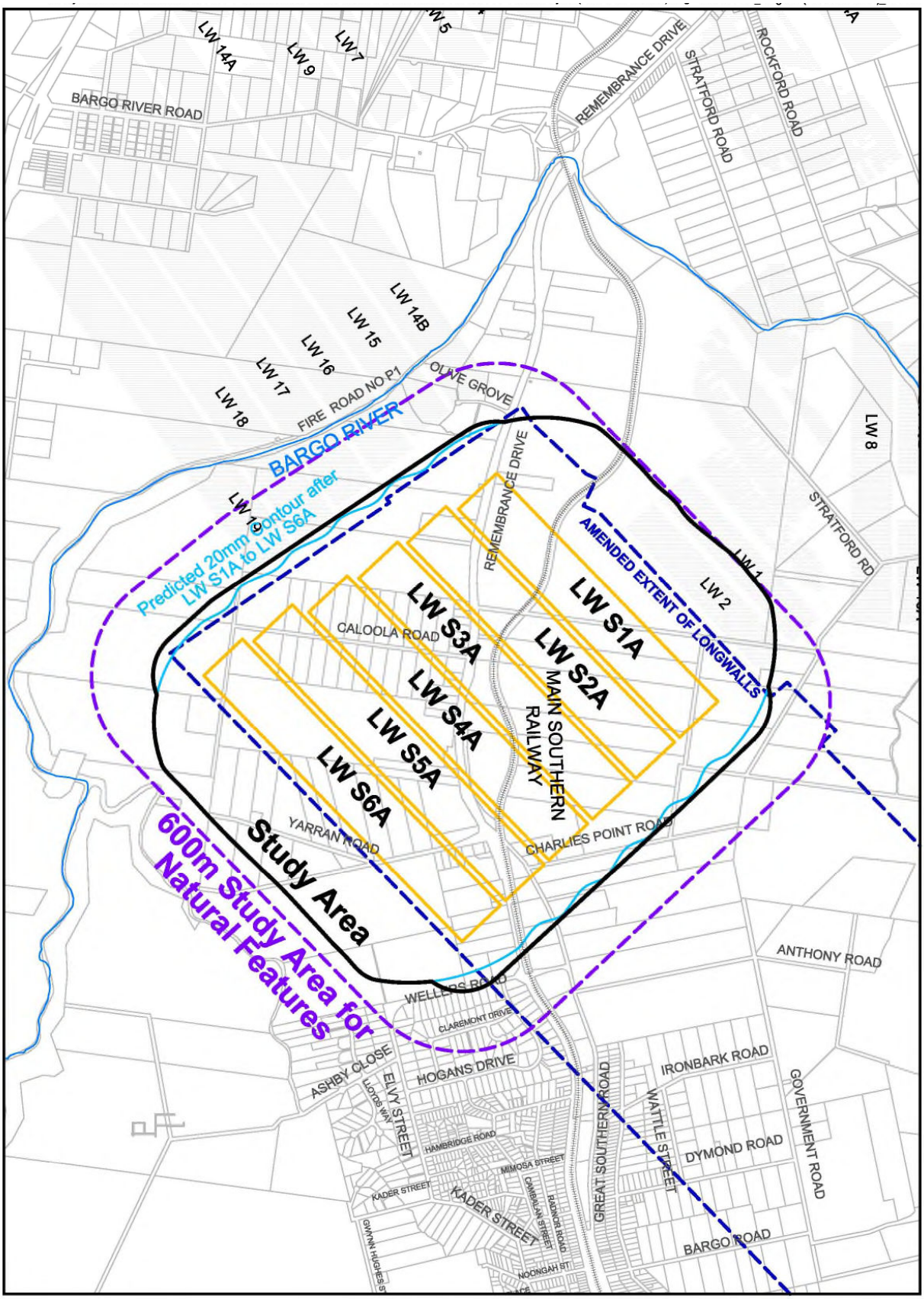
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by Friday 4 February 2022.

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

NSW GOVERNMENT

Subsidence Advisory

117 Bull Street, Newcastle West, NSW, 2302
T: (02) 4908 4300 | **24 Hour Emergency Service:** 1800 248 083 (Free Call)

Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining

Dear Zina,

RE: Response to consultation letter showing extraction plan layout for Longwalls South 1A to South 6A – EPMI22-00001

Thanks for your letter requesting that Subsidence Advisory NSW (Subsidence Advisory) provide comment on a proposed layout for longwall's 1A to 6A at Tahmoor South. It is understood that the layout will form the basis of an application for secondary extraction approval.

Given that supporting documentation is not yet available, Subsidence Advisory is unable to provide specific feedback on the proposed application. It is recommended that SIMEC request comment when supporting documentation has been finalised.

It is noted that the proposed layout includes panels that are located further to the south and southwest and of greater length than those shown in the layout submitted as part of SIMEC's project approval. Supporting documentation should include a comparison between extraction and project approval regarding predicted impacts to residential dwellings.

If you would like more information, please contact SA NSW on 4908 4300 or subsidencedevelopment@customerservice.nsw.gov.au

Yours sincerely

Kieran Black
Technical Specialist

2 February 2022

22 November 2021

Zhaleh Alamouti
Land Use Assessment Coordinator
Transport for NSW
Locked Bag 5085
Parramatta NSW 2124

Emailed to:
development.southern@rms.nsw.gov.au
Martin.Cocca@rms.nsw.gov.au
Cyril.Gunaratne@transport.nsw.gov.au
Dony.D.Castro@transport.nsw.gov.au

Dear Zhaleh,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;

- Subsidence Monitoring Program; and
- Graphical Plans.

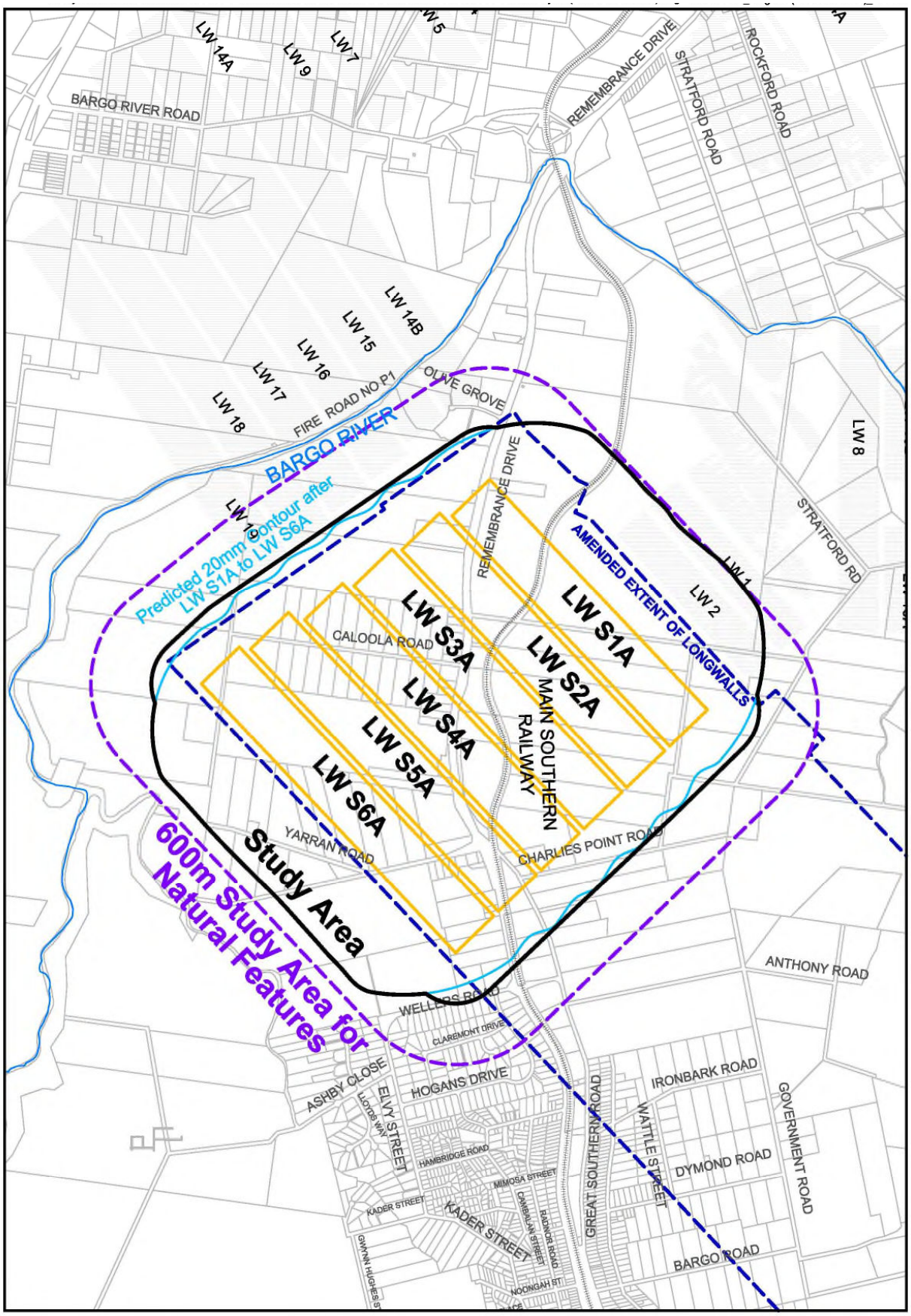
Tahmoor Coal would like to consult with Transport for NSW regarding the LW S1A-S6A Extraction Plan currently in preparation. The Study Area includes roads, bridges and culverts that are managed by Wollondilly Shire Council, which would be considered in the LW S1A-S6A Built Features Management Plan as well as the LW S1A-S6A Wollondilly Shire Council Management Plan. It is our understanding that no State roads managed by Transport for NSW are located within the Study Area.

We would be pleased to incorporate your organisation's preliminary comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,

Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

9 March 2022

TfNSW Reference: SYD21/01634/01
Council Reference: SSD 8445

The General Manager
SIMEC Mining
2975 Remembrance Road
TAHMOOR NSW 2574

Attention : Zina Ainsworth

Dear Sir/Madam,

REQUEST FOR INPUT PREPARATION OF EXTRACTION PLAN, TAHMOOR COAL, LONGWALLS SOUTH 1A TO SOUTH 6A EXTRACTION PLAN

Transport for NSW (TfNSW) refers to your correspondence dated 22 November 2021 regarding the subject Extraction Plan.

TfNSW has reviewed the information provided and acknowledges the proposals requirement to prepare an Extraction Plan to support the proposed extension of underground mining operations. The proposed extension into the identified Long Walls South 1A to South 6A does not appear to directly impact TfNSW infrastructure and thus no further requirements are recommended.

It is noted that consent under Section 138 of the Roads Act, 1993 would be required for any proposed longwall extension adjacent to or under the Hume Highway, or any road/rail within the TfNSW network, as well as any works within the classified reserve. It should be noted that where such works are proposed the proponent would need to enter into a Deed of Agreement to manage the mining impacts and relationships where;

1. Any longwall is within a distance of 5 times the seam depth to an TfNSW asset as this would need to be submitted to TfNSW for risk assessment of subsidence impacts and far-field effects; and
2. Consideration of subsidence impacts on TfNSW infrastructure must include consequential impacts on functionality and user safety, as well as far fields effects.

In addition, TfNSW further advises that :

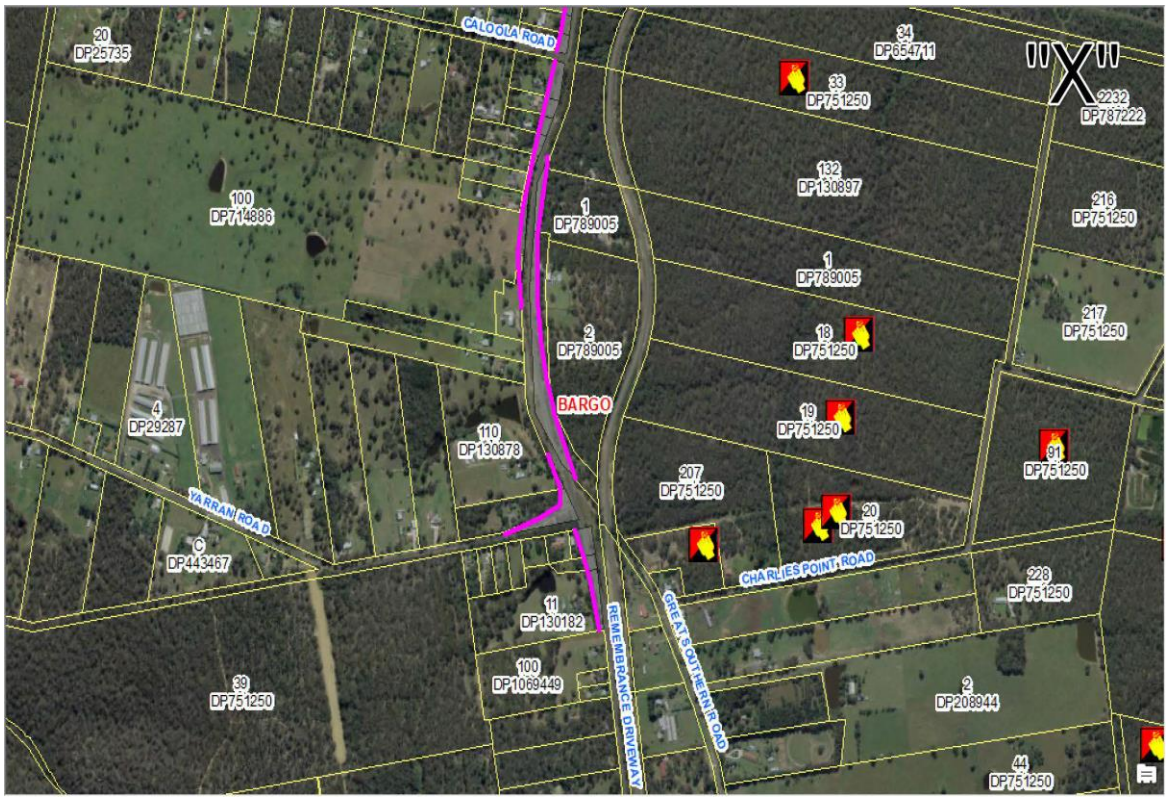
- consideration should be given to the impacts of any additional traffic generated by the proposed extension of long wall mining operations; and

- further comments may be provided when the LW S1A-S6A Built Features Management Plan is made available as these works may impact Remembrance Driveway and the nearby school zone associated with Wollondilly Anglican College.
- Transport for NSW (Roads) (formerly, Roads and Maritime Services of New South Wales) has previously resumed & dedicated a strip of land as road along the Remembrance Driveway frontage of the subject property, as shown by grey colour on the attached Aerial – "X"
- No objections are raised to the development proposal on property grounds provided all buildings and structures, together with any improvements integral to the future use of the site are wholly within the freehold property (unlimited in height or depth), along the Remembrance Drive boundary.

TfNSW welcomes further consultation in relation to these impacts and If you have any further questions, Mr Chris King would be pleased to take your call on 0419 484 667 or please email development.sydney@rms.nsw.gov.au. I hope this has been of assistance.

Yours sincerely

Laura van Patten
A/Senior Land Use Assessment Coordinator



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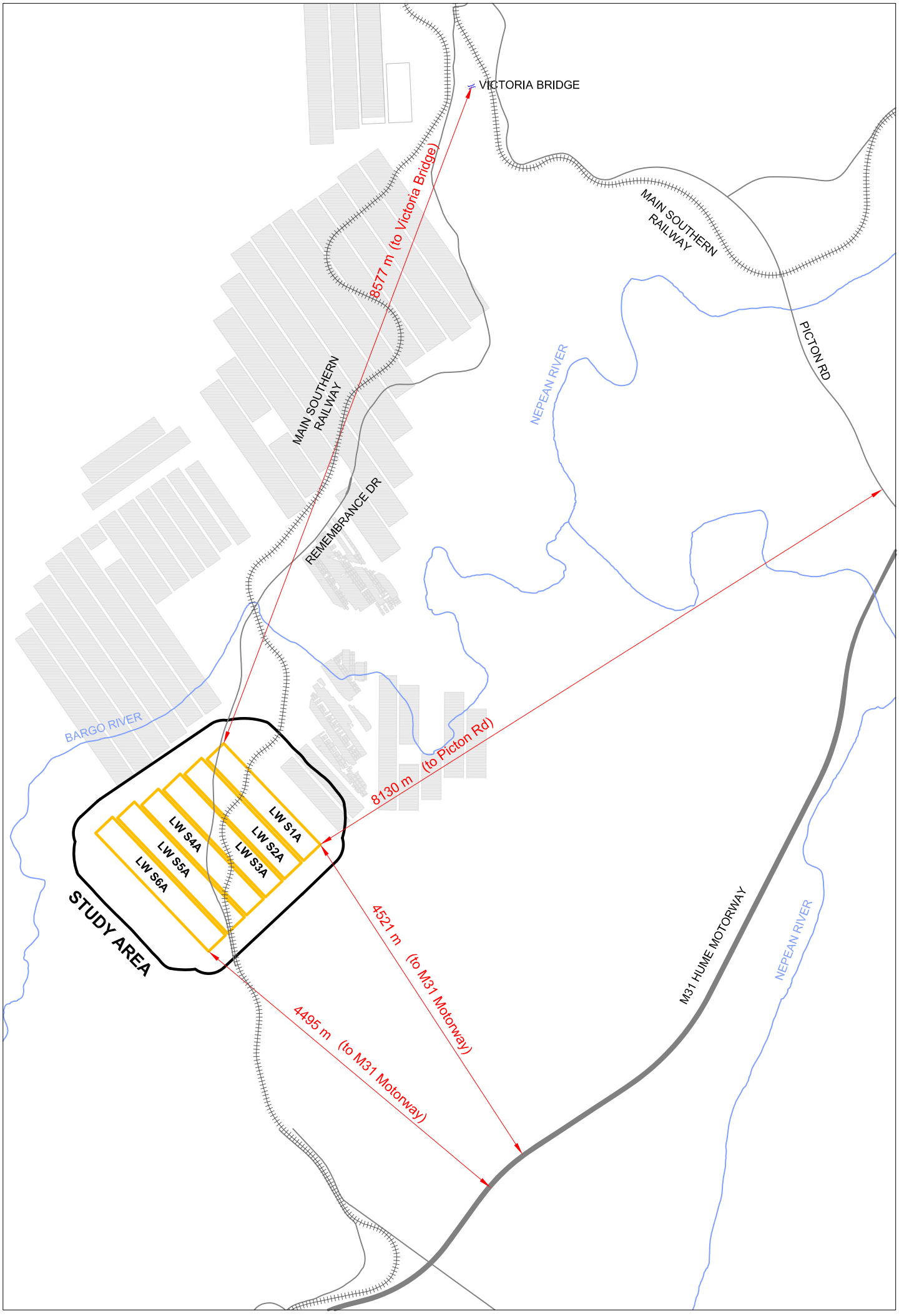

22 November 2021

Ian Cochran
Technical Specialist
Office of the National Rail Safety Regulator
Level 4, 309 Kent Street
Sydney NSW 2000

Emailed to:
ian.Cockran@onrsr.com.au

Dear Ian,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

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- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with the Office of the National Rail Safety Regulator regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of the Main Southern Railway, which would be considered in the LW S1A-S6A Built Features Management Plan as well as the LW S1A-S6A Main Southern Railway Management Plan.

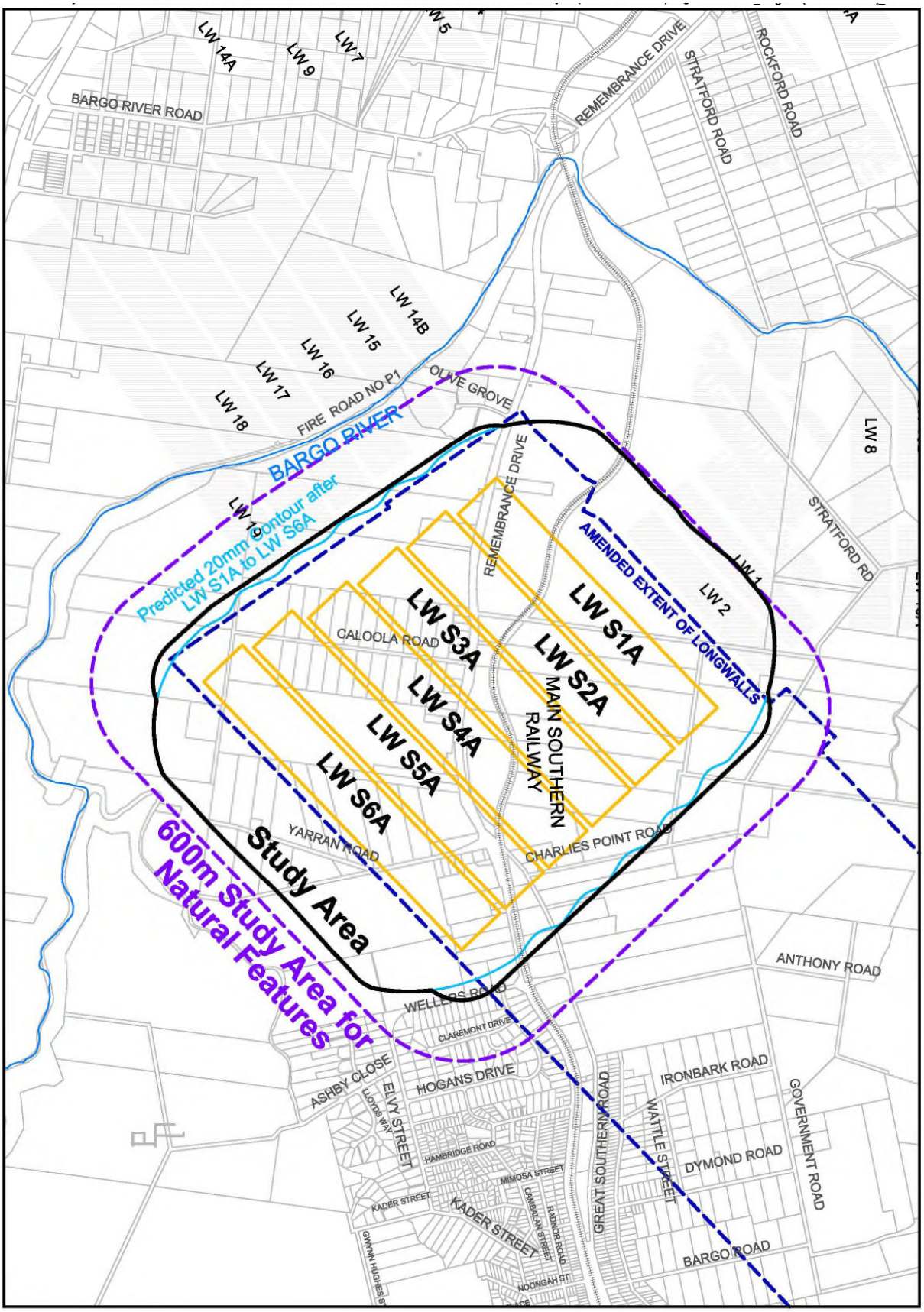
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

Archived: Tuesday, 1 March 2022 7:51:12 AM
From: Ross Barber
Sent: Thursday, 13 January 2022 8:38:00 AM
To: Ian Cochran
Cc: robinsonrail100@gmail.com; Amanda Bateman
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation
Sensitivity: Normal

Hi Ian

The Tahmoor Coal Dec 23rd Letter was just a standard notification letter to all stakeholders within the 20mm subsidence area for the new block development at Tahmoor South Lw1a-6a
It is a consent requirement to notify all stakeholders

You are already across the Tahmoor South development from your involvement in the Tahmoor South Rail Risk Assessment
The investigation actions from that Risk Assessment are currently planned to start in the late Jan 22 possession
The signed Tahmoor South Rail Management Plan is planned for delivery by 500ms of extraction of LW1a – Estimate Jan 23

I believe the next action would be a site visit once Tahmoor Coal have completed the rail Investigation Works to inspect the proposed site / surface features for LW1a to 6a

Gang LI from the Resource Regulator will also want to inspect the rail and major surface features in the Subsidence area

When practical to do so, I will arrange a site visit – (March/April)

Please let me know if you need more information

Kind regards

Ross Barber
Project Manager Subsidence

T: +61-2-4640-0028
M: +61-0419 466 143
E: Ross.Barber@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Bargo NSW 2574
simec.com







From: Ian Cochran <Ian.Cochran@onrsr.com.au>
Sent: Wednesday, 12 January 2022 11:56 AM
To: Ross Barber <ross.barber@simecgfg.com>; robinsonrail100@gmail.com
Subject: FW: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ross,

With regard to your email of 23 December 2021, will you please send me the draft plan to review.

Note: we cannot access most file transfer applications, please send me the file.

cc Graeme Robinson

Regards,

Ian Cochran
Technical Specialist - Bridges & Structures
Technical Division

onrsr Office of the National Rail Safety Regulator

PO Box 3461, Rundle Mall, Adelaide SA 5000
Level 4, 309 Kent Steet, Sydney NSW 2000
m 0414 840 400

e ian.cochran@onrsr.com.au

onrsr.com.au

From: Ross Barber <Ross.Barber@simecgfg.com>
Sent: Thursday, 23 December 2021 9:10 AM
To: Ian Cochran <Ian.Cochran@onrsr.com.au>; RRD OCI Subsidence Monitoring Mailbox <subsidence.monitoring@planning.nsw.gov.au>
Cc: Zina Ainsworth <Zina.Ainsworth@simecgfg.com>; April Hudson <April.Hudson@simecgfg.com>
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

[**EXTERNAL E-MAIL:** This email originated outside of the organisation. Do not click on links or open attachments unless you recognise the sender and know the contents is safe.]

Hi Ian

Please see attached a letter regarding consultation for Tahmoor Coal's Longwalls South 1A to South 6A Extraction Plan.

Kind regards,

PS. Thanks for your support in 2021

Ross Barber
Project Manager Subsidence

T: +61-2-4640-0028
M: +61-0419 466 143
E: Ross.Barber@simecgfg.com

SIMEC Mining

2975 Remembrance Driveway
Bargo NSW 2574
simec.com







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22 November 2021

Michael Irons
Property Manager Wagga Wagga
Australian Rail Track Corporation
PO Box 2150
Wagga Wagga NSW 2650

Emailed to:
mirons@ARTC.com.au

Dear Michael,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates the Tahmoor Mine, an existing coal mine approximately 80 kilometres south-west of Sydney between the towns of Tahmoor and Bargo. Tahmoor Coal is a wholly owned entity within the SIMEC Mining division of the GFG Alliance group.

Tahmoor Mine has been operating continuously since 1979, and longwall mining methods have been used since 1987. Tahmoor Coal has previously mined 34 longwalls to the north and west of the Tahmoor Mine's current pit top location.

Tahmoor Coal obtained approval for the Tahmoor South Project, which was assessed as State Significant Development under the provision of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act) on 23 April 2021. The Project will extend underground coal mining at Tahmoor Mine, to the south of Tahmoor Coal's existing mining area (referred to as the Tahmoor South Domain).

Tahmoor Coal is currently preparing an Extraction Plan for Longwalls South 1A to South 6A (LW S1A-S6A) in accordance with the condition C8 of the Development Consent (SSD 8445). The attached figure illustrates the location of the proposed longwalls, as well as the Study Area of this Extraction Plan and the predicted 20 mm subsidence contour.

The Extraction Plan will provide an overview of the project, details of the development of the Extraction Plan, details on how subsidence impacts and environmental consequences will be monitored and managed during and after mining, and details on how the Extraction Plan will be implemented.

The Extraction Plan will be supported by the following key documents:

- Subsidence Prediction and Impact Assessment Report;
- Water Management Plan;
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with the Australian Rail Track Corporation regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments regarding the management and monitoring of the Main Southern Railway, which would be considered in the LW S1A-S6A Built Features Management Plan as well as the LW S1A-S6A Main Southern Railway Management Plan.

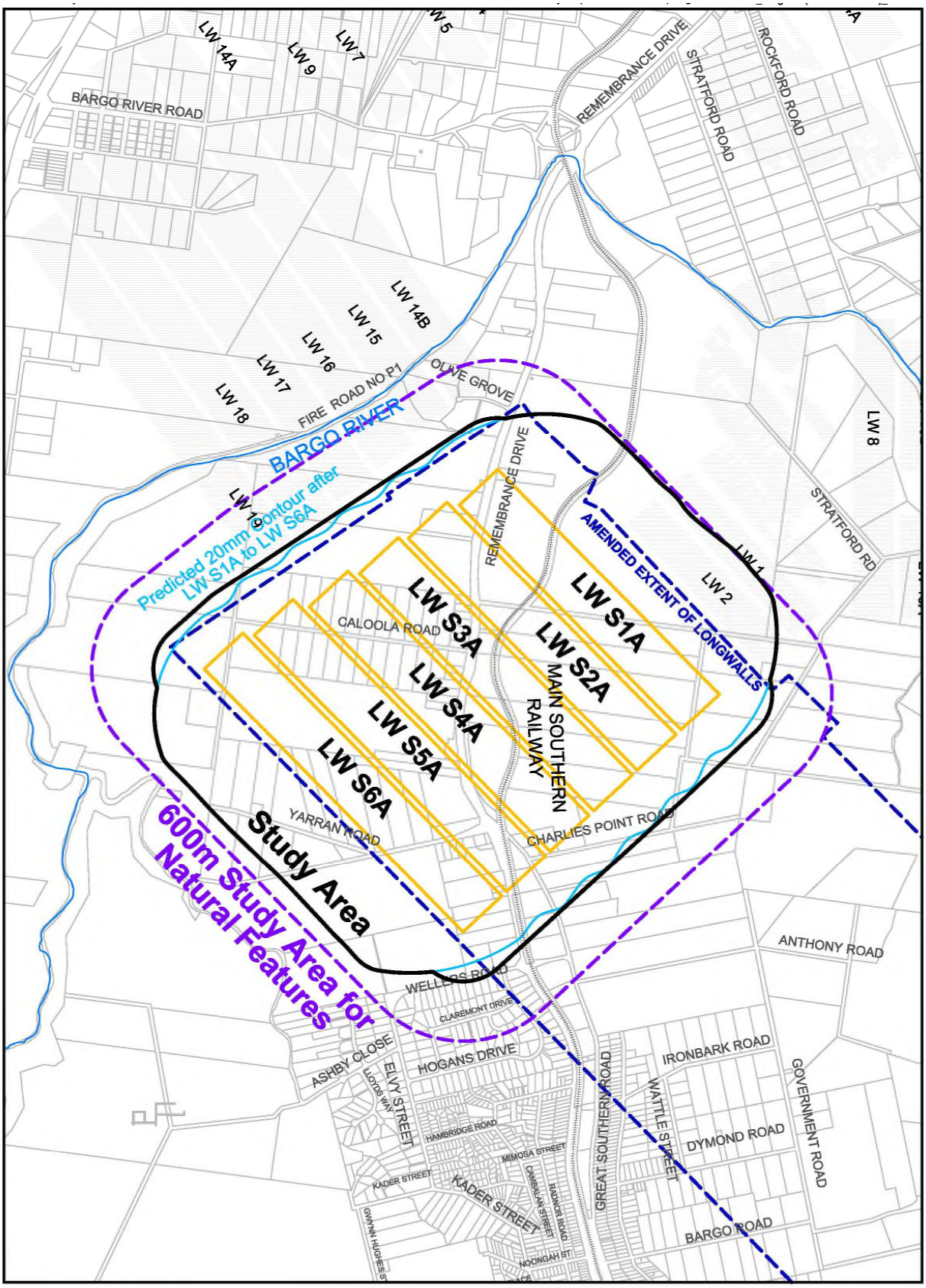
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

MINUTES OF MEETING

10 December 2021

Project	Tahmoor Coal MSR Mine Subsidence Management Western Domain_LW W3	From	Graeme K Robinson
Subject	Weekly Rail Management Group Meeting	Tel	0410 455 911
Venue/Date/Time	Teleconference 1000 on Friday 10 December 2021	Job No	
Copies to	Michael Irons (MI)		

Attendees				Apologies or Absent	Nil
	Ross Barber	RB	SIMEC		
	Steve Chance	SC	ARTC		
	Kevin Golledge	KG	SIMEC		
	Allan Pidgeon	AP	PCE		
	Daryl Kay	DK	MSEC		
	Greme Robinson	GR	RR		
	Kyle Coffee	KC	Globetech		
	Mark Delaney	MD	Newcastle Geotech		
	John Matheson	JM	JMA		
	Rod Sweeting	RS			
	Chris Bloor	CB	Bloor Rail		
	John Rolles	JR	SRS		

Safety, Security and Rail Operations

- Nil.

Corona (COVID-19) Status and Impact

- There were no reportable COVID-19 issues this week.

Longwall Status and MP Progress

- LW W3 commenced operation on Tuesday 14 September 2021 and travelled 71 m during the week since 30 November. LW W3 is ahead of schedule finishing in April 2022 with planning for LW W3 commencing today.
- The LW has completed mining beneath the track and has now retreated by 510 m away from the corridor at 88.440 km.
- The maximum increase in subsidence along the track this week as a result of LW W3 was 5 mm at 87.500 km as at 7 December 2021. The maximum incremental subsidence along the track since the start of LW W3 was 2 mm.

- RB advised that LW W4 has been shortened by 300 m due to poor ground (mushy coal) and is due to commence in April 2022 and finish in July 2022.

Track

- AP reported only minor changes in minor changes in subsidence and in 100 m long bays from 2-D Survey during the week.
- AP reported that, based on the results of the latest full Krab runs on 7 December 2021, that Track Geometry exceeds trigger levels at several locations in the Picton Tunnel Section but this condition pre-exists the mining of LW W3.
- Variations in Cant were noted along the Down Main from 87.850 km to 88.200 km. This section of track is in poor condition due to formation issues (bog holes). A detailed inspection of this section of track, plus poor track condition in the vicinity of Connellan Crescent overbridge, was carried out by AP/GR/CB on Monday 15 November and a report sent to RB on findings. RB forwarded a copy of the report to SC for review and recommendations.
- AP noted some minor changes in Cant at 87.663 km on the Down Main (<2 mm).
- No issues with Picton Tunnel clearances. All within 3 mm range.
- ARTC are planning to carry out re-railing at various locations within the mine site during the upcoming January possession. The RMG reviewed the proposed locations and RB instructed KC to remove all cables from the track and for JR to remove prisms from track in the tunnel that would likely be affected by the project to give ARTC a clear run. Equipment will be reinstated ASAP following the work.

Monitoring Systems

Ground Survey Monitoring

- Weekly ground survey results are within survey tolerances.
- Subsidence (Approx. 305 mm) is developing above the centreline of the (GNSS Site 23) with minor movements starting to the south and west.
- Results of the weekly long bay length survey completed on 7 December observed that minor ground shortening of 7 mm is developing between 87.300 km and 87.400 km, no change this week. The results do not appear to correlate with 2D surveys.

Remote Electronic Monitoring

- The latest BLUE test alarm was successfully carried out at R_DD_87_200 on 18 November with all systems working OK, including the TCCC who responded very quickly.
- KC reported a gauge issue (drift) at R_UU_88.040 that will be replaced.
- KC advised that testing would now commence for gauges installed to accommodate LW W4 during the week. Will need to LS on board for the download process.
- No other issues to report at this stage.

Structures

Bridge Street Overbridge (91.030 km)

- Only minor changes during the month in 3D survey carried out on 11 November.
- No measurable changes in distances across the abutments undertaken on monthly survey carried out on 10 November.

Thirlmere Way Underbridge (89.326 km)

- Only minor changes as a result of monthly survey carried out on 11 November.
- No measurable changes in distances across the base of the arch on 10 November.
- Very minor changes observed laser disto readings across the top of the arch. There is a need to clean prisms over roads at TWU, Argyle St UB and Victoria Rd bridge, as data is becoming unstable. Proposed road closure in mid-January to clean. RS will liaise with CB.
- Inspections commence during Stage 2 management.

Connellan Crescent Overbridge (89.080 km)

- Only minor changes since the last survey 11 November.
- No measurable changes in distances across the base of the arch on 10 November.
- Crack gauges were measured on 15 November with minor changes in widths less than trigger level.

Ballast Top Subway (88.133 km)

- Only minor changes since last far-field monthly 3D survey on 11 November.
- No measurable changes in distances across tops of the abutments on 10 November.
- Small increase in closure at the base of the arch on the Down side this month, exceeding the 5 mm monitoring review point trigger. Heavy rainfall prior to survey was noted.
- A structural inspection was completed by JM on 30 November, with no immediate concerns. JM advised that there were no changes in crack widths, and the report concluded that the probable cause of movement of the structure at this point is likely due to buildup of moisture behind the wingwall, exacerbated by recent heavy rains.
- A geotechnical inspection of the abutment foundations confirmed fill material at the base of the wall is soft due to rainfall.
- The RMG has reviewed the results and structural report and agreed to increase the Blue trigger level from 5 mm to 10 mm.
- Additional survey was carried out by JR during the week with no change.
- RB issued a report and recommendations to ARTC (Tony Godfrey) on 8 December following MD's inspection.

Picton Tunnel (87.85 km)

- Small increase in westerly movement during LW W2 following heavy rain event in March 2021. A similar response was observed in February 2020 after a heavy rain event. Small movements to the east and south.
- Monthly and weekly 3D survey results of prisms within the tunnel revealed only minor changes in horizontal openings and closures across the arch. Changes in vertical alignments and changes in track centres are less than trigger levels.
- Monthly and weekly 3D surveys of prisms outside the tunnel results are within survey tolerances. However, some of the low prisms are in need of cleaning. CB will do.
- Only minor changes in laser disto results with changes in horizontal openings and closures across the arch are less than trigger levels. Prisms were cleaned during the November track possession.
- No measurable changes to track centres or tunnel clearances observed within the tunnel. JR conducted an additional kinematic envelope survey at the Sydney portal during last weekend's track possession to reconfirm baseline conditions. Results will be available next week.
- JR noted that one of the trackside prisms (87.783 km) attached to a sleeper had been struck by dragging equipment from a train. The prism was replaced and results normalized.
- No measurable changes in inclinometer readings during the month. Only minor changes since LW W2 was completed.
- Daily visual inspections reported no changes with no new cracks observed.

Mushroom Tunnel

- Only minor changes in distances across the base of the arch and along the tunnel on 10 November.
- Daily visual inspections reported no changes.

Ballast Top Subway (86.838 km)

- Only minor changes last survey 11 November. Very minor changes this month.
- The local 3D survey carried out on 10 November this month observed minor changes across the abutments.

Argyle Street Underbridge (86.16 km)

- Only minor changes noted following last survey on 11 November.
- No measurable changes in distances across the base of the arch on 10 November.
- Only minor changes in Disto readings this month with results showing signs that prisms require cleaning.
- RS reported that sensors UBA-D-US-DS and UBA-D-US-DC are showing signs that they need cleaning. RS will discuss with CB for prism cleaning in mid-January 22.

Pedestrian Overbridge (86.100 km)

- Very minor changes on 10 November.

Pedestrian Overbridge (85.846 km)

- Minor changes on 10 November.

Picton Viaduct (85.42km)

- Minor ongoing trend of movement to the west towards LW W1-W2 from GNSS Units at Site 0 and 2. Minor changes this week.
- Only minor changes during the month in Far-field survey results carried out on 11 November.
- Results of weekly 'precision' survey carried out on 29 November noted that horizontal openings and closures between ends of Viaduct are less than trigger level.
- Monthly local 3D survey results indicated that there were minor changes between abutments and bases of piers on 10 November. Horizontal openings and closures between ends of Viaduct are less than trigger level.
- Irregular inclinometer movements (5 m and 8 m) observed in first re-survey at PVD1 on 28 October. The survey result did not correlate with other monitoring results, including inclinometers PVD2 and PVD3. The survey was checked and there has been no change in readings from last week. MD believes that it is possible that a vehicle has driven over the cover due to its location near the access gate. All other inclinometers are OK. Will continue to monitor.
- Weekly visual inspection and track geometry inspection results revealed no issues.
- MN carried out the latest drone (UAV) inspection of crack gauges on 16 November. Changes in crack widths were less than trigger level. JM reviewed the data to check if any movement/changes and reported no issues.

Prince Street Overbridge (85.17 km)

- Far field survey carried out on 11 November and local 3D survey carried out on 10 November showed only minor changes this month.

Retaining wall (84.867 km)

- Minor changes in tilt noted from the top to base of wall on 10 November.

Matthews Lane Overbridge (84.551 km)

- Far field survey carried out on 11 November and local 3D survey carried out on 10 November showed only minor changes this month.

Victoria Bridge over Stonequarry Creek

- Minor ongoing trend of movement to the west towards LW W1-W2 noted from GNSS Unit at Site 3, but only minor changes since LW W2 was completed.
- Monthly Local 3D survey carried out on 9 November noted only minor changes between abutments this month. Maintenance works are obstructing views to some marks. VBP2 could not be measured this month due to bridge abutment works.
- Noted that bridge jacking by RMS carried out for the Western Abutment repairs is having an impact on survey readings.

Abbotsford Road Bridge over Stonequarry Creek

- Minor changes from far-field survey on 11 November.

Embankments and Cuttings

Embankment and Culvert at 87.331 km

- Minor changes were observed following monthly survey on 29 November. Some pegs on Down crest at B260, B300 and B32 appear to have been slightly disturbed. Further surveys required to confirm.
- Negligible changes in exto readings.
- No issues following visual inspection on 22 November.

Embankment and Culvert at 88.100 km

- Detailed weekly inspections and surveys commenced this week with only minor changes observed.
- No issues following visual inspection on 22 November.

Embankment and Culvert at 88.500 km

- Detailed weekly surveys commenced this week with results within survey tolerances.
- Weekly inspection revealed no issues.

Embankment and Culvert at 89.216 km

- Detailed weekly inspections and surveys commence during Stage 2 management.

Embankment and Culvert at 89.300 km

- Detailed weekly inspections and surveys commence during Stage 2 management.

Cutting at 87.600 km

- No issues following visual inspection on 22 November.

Cutting at 88.300 km

- No issues following visual inspection on 22 November.

ARTC/Regulatory/MSB/Approval Issues

- DK issued an Addendum to the Management Plan (Updated Risk Control Procedures for Picton Viaduct Report No. MSEC1163-02 Revision A, 2 December 2021) to confirm the outcomes of trigger levels discussed as a result of the meeting held on 19 October between the Regulators and Tahmoor Coal regarding planned risk controls for the Picton Viaduct for review by the RMG. RB will send the Addendum to ARTC (WN, cc SC) for review and approval prior to sending to the Regulators for advice.

General

Possessions

Future planned possession dates (subject to final approval and confirmation) as follows:

Fri 28 Jan 22 to Mon 31 Jan 22

Fri 13 May 22 to Mon 16 May 22

Fri 2 Sep 22 to Mon 5 Sep 22

Fri 11 Nov 22 to Mon 14 Nov 22

Fri 13 Jan 23 to Mon 16 Jan 23

Fri 21 Apr 23 to Mon 24 Apr 23

Tahmoor South Project (TSP)

- RB has arranged a PO to enable expansion switches to be bent to suit work track geometry requirements for the TSP that has been issued to PRE to allow the work to proceed.
- CB will remove remaining concrete bearers from track at Douglas Park and deliver to TSP site as soon as practicable. Those requiring bending by PRE will be delivered to their factory in Sydney next month by CB.

- RB advised that LW W4 has now been reduced ion length by 300 m. This means an accelerated program for TSP now programmed to commence in mid-August to September 2022 following approvals.
- CB will carry out a KRAB run along the track shortly for AP to review track condition. This will be carried out in conjunction with devegetation to enable inspections and ground survey to commence.
- KC has commenced work required to fabricate containers for monitoring system.
- DK is preparing the new subsidence modelling that will be completed soon to suit the new layout.

Next Monthly Meeting

The next weekly RMG meeting will be held as a teleconference at ***1000 on Friday 17 December 2021***.

The next ARTC Governance Meeting will be held as a teleconference at ***1230 on Friday 17 December 2021***.

Action Summary List:

ITEM	ACTION	BY	WHEN	CLOSED
1.				
2.				
3.				

Microsoft Teams Link and contact details as follows:

Join Microsoft Teams Meeting

+61 2 8318 0024 **Australia, Sydney (Toll)**

Conference ID: 431 265 826#

Local numbers | Reset PIN | Learn more about Teams | Meeting options

Join with a video conferencing device

522596193@t.plcm.vc **VTC Conference ID: 1399409847**

Alternate VTC dialing instructions

22 November 2021

Bianca Klein
Manager Environmental Outcomes
Wollondilly Shire Council
PO Box 21
Picton NSW 2571

Emailed to:
Bianca.klein@wollondilly.nsw.gov.au
david.henry@wollondilly.nsw.gov.au
bruce.devonport@wolondilly.nsw.gov.au

Dear Bianca,

Tahmoor South Longwalls South 1A to South 6A Extraction Plan
Letter of Consultation

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- Water Management Plan;
- Land Management Plan;
- Biodiversity Management Plan;
- Heritage Management Plan;
- Built Features Management Plan;
- Public Safety Management Plan;
- Subsidence Monitoring Program; and
- Graphical Plans.

Tahmoor Coal would like to consult with Wollondilly Shire Council regarding the LW S1A-S6A Extraction Plan currently in preparation. In particular, Tahmoor Coal are seeking preliminary comments, in particular regarding the management and monitoring of roads, bridges and culverts that are managed by Wollondilly Shire Council, which would be considered in the LW S1A-S6A Built Features Management Plan as well as the LW S1A-S6A Wollondilly Shire Council Management Plan.

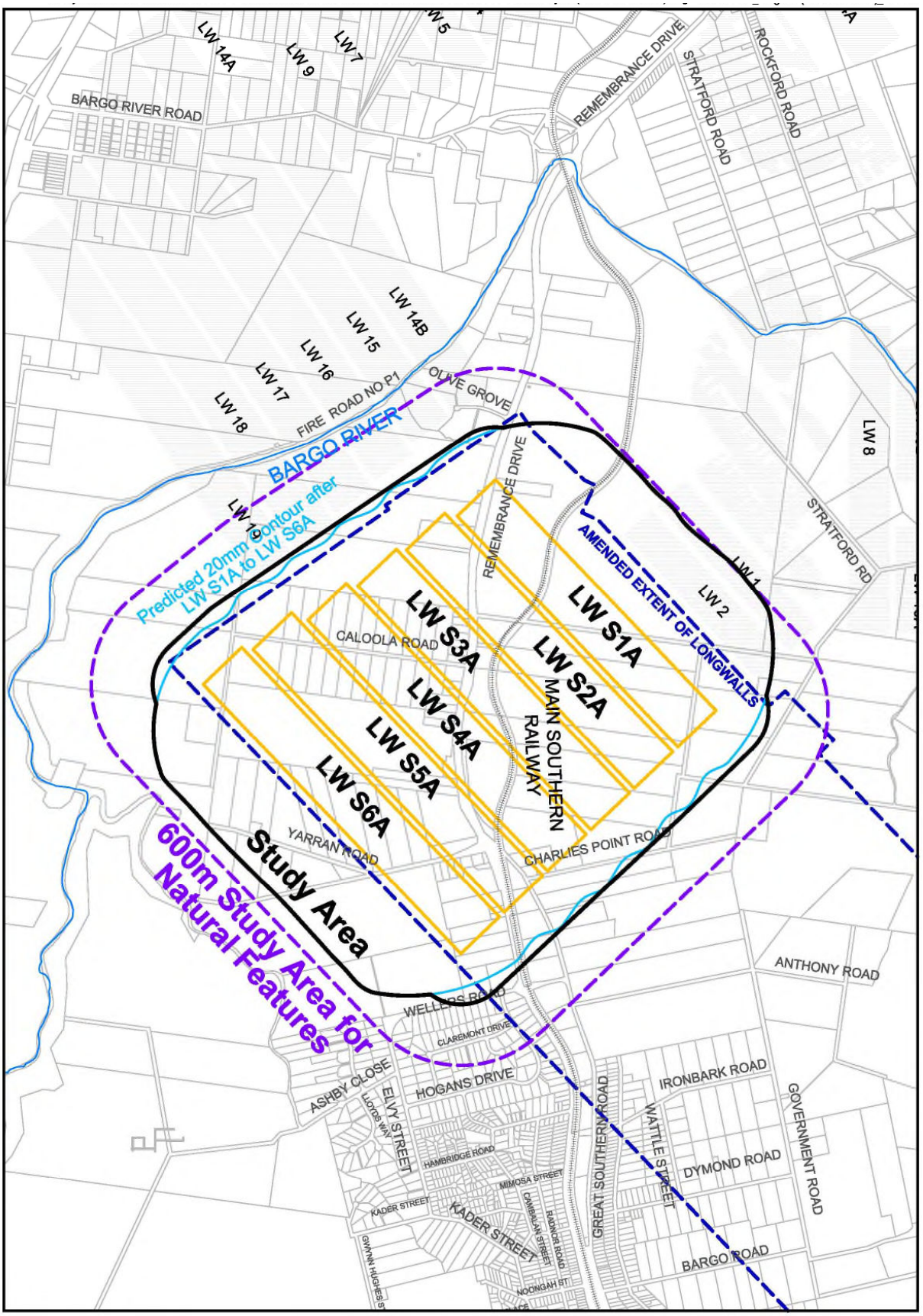
We would be pleased to incorporate your organisation's comments into the Extraction Plan, and to facilitate this we would appreciate receiving your comments by **Friday 4 February 2022.**

Please do not hesitate to contact me if you have any questions or concerns regarding the above on 0438 284 106 or at zina.ainsworth@simecgfg.com or contact April Hudson, Approvals Specialist, on 0466 380 992 or at april.hudson@simecgfg.com.

Yours sincerely,



Zina Ainsworth
Manager Environment and Community
Tahmoor Coal Pty Ltd
SIMEC Mining



Extraction Plan LW S1A-S6A Study Area

April Hudson

From: Bianca Klein <Bianca.Klein@wollondilly.nsw.gov.au>
Sent: Friday, 21 January 2022 10:24 AM
To: April Hudson
Cc: David Henry; Zina Ainsworth; Norma Toweel; Nafizul Akash
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

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Hi April

Comments from Council's Assets and Transport team are below:

Wollondilly can only effect repairs to road pavement in the event of an emergency. All other repairs are required to be carried out by Tahmoor Coal to the satisfaction of Wollondilly Shire Councils Construction Specification. Suitably qualified civil contractors employed by Tahmoor Coal must be available to complete temporary restoration works as required, and after to complete the final restoration works.
All cracks/damage to kerb & gutter, footpaths, drainage structure and property entrances are the responsibility of Tahmoor Coal and must be managed throughout the length of the mining activity, and permanent repairs carried out to the satisfaction of the property owner (either Council or a private party) upon the completion of any subsidence activity.

Kind regards

Wollondilly Shire Council

Bianca Klein
Acting Manager Waste and Environment Services

T 0246779610
A P.O. Box 21 Picton, NSW, 2571
E Bianca.Klein@wollondilly.nsw.gov.au
W http://www.wollondilly.nsw.gov.au



From: April Hudson [mailto:April.Hudson@simecgfg.com]
Sent: Tuesday, 4 January 2022 8:37 AM
To: Bianca Klein
Cc: David Henry; Zina Ainsworth; Norma Toweel
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Hi Bianca,

Yes, that will be fine.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

From: Bianca Klein <Bianca.Klein@wollondilly.nsw.gov.au>
Sent: Thursday, 23 December 2021 2:52 PM
To: April Hudson <April.Hudson@simecgfg.com>
Cc: David Henry <david.henry@wollondilly.nsw.gov.au>; Zina Ainsworth <Zina.Ainsworth@simecgfg.com>; Norma Toweel <Norma.Toweel@wollondilly.nsw.gov.au>
Subject: RE: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

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Hi April/Zina

Is it possible to receive an extension on the 4th February date to provide preliminary comments? An extra fortnight will be appreciated given the Christmas/New Year closure period.

Thanks

Bianca Klein
Acting Manager Waste and Environment Services

T 0246779610
A P.O. Box 21 Picton, NSW, 2571
E Bianca.Klein@wollondilly.nsw.gov.au
W http://www.wollondilly.nsw.gov.au



From: April Hudson [mailto:April.Hudson@simecgfg.com]
Sent: Wednesday, 22 December 2021 6:19 PM
To: Bianca Klein
Cc: David Henry; bruce.devonport@wolondilly.nsw.gov.au; Zina Ainsworth
Subject: Tahmoor Coal - Longwalls South 1A to South 6A Extraction Plan consultation

Dear Bianca,

Please see attached a letter regarding consultation for Tahmoor Coal's Longwalls South 1A to South 6A Extraction Plan.

Kind regards,

April Hudson
Approvals Specialist

T: +61 2 4640 0022
M: +61 466 380 992
F: +61 2 4640 0140
E: April.Hudson@simecgfg.com

SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2574
simec.com

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Any opinions contained in this message are those of the author and are not provided or endorsed by ourselves unless clearly indicated and the authority or the author to so bind is duly verified.

Wollondilly Shire Council

Frank McKay Building 62-64 Menangle Street, Picton NSW 2571
All Correspondence to PO Box 21, Picton NSW 2571
Telephone: 02 4677 1100 Fax: 02 4677 2339
Email: council@wollondilly.nsw.gov.au Web: www.wollondilly.nsw.gov.au
ABN: 93 723 245 808

Your Ref: 1148-3#2087

Ms A Hudson
Approvals Specialist
SIMEC Mining
2975 Remembrance Driveway
TAHMOOR NSW 2574

14TH February 2022

Dear Ms Hudson

ENVIRONMENTAL COMMENTS ON EXTRACTION PLAN 1A TO 6A

Thank you for the opportunity provided to Wollondilly Shire Council to provide comment during the preparation of the first Extraction Plan associated with the Tahmoor South Project.

The SIMEC correspondence dated 22nd November 2021 is noted to state that *"in particular, Tahmoor Coal are seeking preliminary comments, in particular regarding the management and monitoring of roads, bridges and culverts that are managed by Wollondilly Shire Council".* Previous comments from Council's Assets and Transport team regarding this matter were provided in my e-mail correspondence dated 21st January 2022.

The following provide comments and requested items for investigation by the Extraction Plan on residual concerns of the Project Application expressed in regard to the Response to Submission Report, Second Amendment Assessment Report and to the Independent Planning Commission (IPC). It is understood that the longwalls covered by the Extraction Plan are at a sufficient distance to not result in any subsidence induced impacts to the operation of the Bargo Waste Management Centre. However, clarification by SIMEC of this understanding would be appreciated**.**

(i) Subsidence impacts to dwellings

Council's submission to the IPC welcomed the 80 percent reduction in directly undermined residential dwellings but requested a detailed consultation program be implemented with affected landowners over the full cycle of the current process overseen by Subsidence Service. Council would expect in this regard that the Extraction Plan involve a detailed consultation program as well as identification to the greatest accuracy possible likely subsidence-related impacts to dwellings over the full duration of a particular longwall.

The IPC is noted to have included a condition in the Determination "*for the voluntary acquisition rights for properties affected by certain types of damage that are impacted by more than one longwall"* as an alternative to this process. It is requested to be noted Council does not have a formal position over such acquisition. However, the offering of this process as an alternative and detailed explanation of its potential negative and positive implications to landowners would be expected.

(ii) Subsidence impacts to surface and groundwaters

Council's submission on the Second Amendment Assessment Report raised residual concerns over potential impacts to water sources. The Determination issued by the IPC has been viewed as not adequately addressing this residual concern apart from the condition referring to the requirement for updated groundwater modelling. The following items consistent with issues previously raised including amendments to draft conditions issued by the NSW Department of Planning, Industry and Environment (DPIE) are requested to be included in the Extraction Plan:

- An assessment of impacts to surface and groundwaters be consistent with all current scientific research that includes the Characterisation and Modelling of Geological Fault Zones Guideline publication available on the Commonwealth Independent Expert Scientific Committee (IESC) website at https://iesc.environment.gov.au/consultation/iesc-en-characterisation-and-modelling-of-geological-fault-zones
- A detailed geological model that identifies the likely interaction of subsidence induced fractures with the modelled groundwater environment as part of complying with the above IESC publication.
- A scientific based investigation over the establishment of Risk Management Zones for third order watercourses for the purposes of identifying and managing impacts associated with subsidence to the ecological health of waterways within a catchment context.
- An assessment of potential impacts of mining activities to the operation of private bores and mitigation measures to address any identified potential adverse implications.
- Trigger Response Action Plans and related monitoring programs that are developed as part of the Extraction Plan and Water Plan are to be scientifically based, supported by commensurate data. They are requested in this regard to include appropriate ecological focussed indicators to monitor any impacts to the ecological health of waterways at a suitable timeframe that would restrict the need for Creek Management Action Plans.

Please contact Council's Acting Team Leader Environmental Services, David Henry on (02) 4677 9687 or via e-mail David.henry@wollondilly.nsw.gov.au for any enquiries regarding this correspondence

Yours faithfully

BKlein

Ms Bianca Klein
Acting Manager Waste and Environmental Services

Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 2 December 2021

Name	Role
Attendees	
Michael Muston (MM)	Independent Chairperson
James Johnson (JJ)	Community Representative
Col Mitchell (CM)	Community Representative
David Auchterlonie (DA)	Community Representative
Bob Clayton (BC)	Community Representative
David Henry (DH)	Wollondilly Shire Council Representative (online)
Peter Vale (PV)	Tahmoor Coal Representative
Zina Ainsworth (ZA)	Tahmoor Coal Representative
Amanda Bateman (AB)	Tahmoor Coal Representative (minute taker)
Invitees	
Natalie Brumby (NB)	Tahmoor Coal Representative
April Hudson (AH)	Tahmoor Coal Representative (online)
Thomas O'Brien (TO)	Tahmoor Coal Representative
Nick Le Baut (NLB)	Tahmoor Coal Representative (online)
Apologies	
Greg Kininmonth (GK)	Resources Regulator
Robert Khan (RK)	Wollondilly Shire Council Representative
Ana Gracanin (AG)	Community Representative
Matthew Montgomery (MMt)	Subsidence Advisory NSW
Ross Barber (RB)	Tahmoor Coal Representative

Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 2 December 2021

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised
1. Welcome and Introductions				
1.1.	Michael Muston is the Independent Chairperson. He acknowledged the Traditional Owners of the land on which we met and paid respects to their Elders, past and present.	NOTE		02/12/21
2. Declarations of Interest				
2.1.	MM is paid by Tahmoor Coal.	NOTE		02/12/21
2.2.	Tahmoor Coal Apprentice Engagement Program purchase barbeque items from Khan Supa IGA Picton, which is owned and operated by RK.			
3. Apologies				
3.1.	As per list above.	NOTE		02/12/21
4. Confirmation of Minutes of Previous Meeting				
4.1.	Change requested by BC to section 7.7 – a community member asked about former SA NSW staff working for Tahmoor Coal. ***Action: AB to amend minutes and redistribute.***	AB	**10/12/21**	
4.2.	Confirmation of Minutes from 2 September 2021 accepted with change made. Note: Q3 minutes to be added to the Tahmoor Website.	NOTE		02/12/21
5. Business Arising from Previous Minutes				
5.1.	Committee requested a mine plan be distributed showing the Tahmoor South first working development mining in relation to the mine site and surrounding properties. ***AB emailed mine plan to members on 6 September 2021 – Completed and closed.***	CLOSED		
5.2.	Committee asked do water quality limits change with the implementation of the Waste Water Treatment Plant? Tahmoor to provide a brief explanation of ANZECC Guidelines as well as EPL limit next meeting – ***included in meeting presentation.***	CLOSED		02/12/21
5.3.	Committee requested acronyms throughout presentation be spelt out in full to assist going forward – ***Completed and closed.***	CLOSED		
6. Correspondence - update as per the agenda				
6.1.	Tahmoor South First Workings Mine Plan – Emailed by Amanda Bateman 06/09/2021	NOTE		02/12/21
6.2.	Western Domain Newsletter #4 Sep 2021 – Emailed by Amanda Bateman 14/09/2021			
6.3.	Q3 TCCCC Chair invoice submitted for payment - Emailed by Michael Muston 15/09/2021			
6.4.	Q3 Draft TCCCC Meeting Minutes – Emailed by Amanda Bateman 23/09/2021			
6.5.	Q3 TCCCC Meeting Minutes confirmed – Emailed by Michael Muston 23/09/2021			
6.6.	Q3 TCCCC Meeting Minutes distributed – Emailed by Amanda Bateman 24/09/2021			
6.7.	CMAP Sep 2021 Newsletters – Emailed by Amanda Bateman 29/09/2021			
6.8.	Draft Air Quality & Greenhouse Gas Management Plan – Sent by Amanda Bateman 08/10/2021			
6.9.	Response to Draft Air Quality & Greenhouse Gas Management Plan – Emailed by Ana Gracanin 23/10/2021			
6.10.	Response to Draft Air Quality & Greenhouse Gas Management Plan – Emailed by David Henry 29/10/2021			
6.11.	Six Monthly Subsidence Report LW W1-W4 – Emailed by Amanda Bateman 16/11/2021			
7. Committee Members Reports				
7.1.	**David Auchterlonie**	DA		02/12/21

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised
	• Does Tahmoor know about the tippers and trucks coming in and out of Kader Street Bargo? o PV advised that Tahmoor will investigate but unlikely related to mining operations.	TO	**10/12/21**	
7.2.	**Col Mitchell** • Nil	CM		02/12/21
7.3.	**David Henry** • Provided an update regarding the Thirlmere Lakes Research Program meeting which SIMEC Mining representatives, Natalie Brumby and Tom O'Brien attended. Researchers to continue monitoring the hydrology of the lakes. A report is due to be released in December or January from the Department of Planning, Industry & Environment (DPIE) Science Division. • Local council election being held on Saturday 4 December 2021. Following the election results, a new council representative for the TCCCC will be selected and notification will be provided in early February 2022. ***Action: DH to notify MM and AB of the new representative once known.***	DH	**11/02/22**	02/12/21
7.4.	**Robert Khan** • Apologies	RK		02/12/21
7.5.	**Ana Gracanin** • Apologies – sent message seeking an update on the Air Quality & Greenhouse Gas Management Plan o AB advised the feedback received on the plan was consolidated and the plan was submitted to Department of Planning, Industry & Environment (DPIE) for endorsement. ***Action: AB to email final version to AG***	AG AB	**03/12/21**	02/12/21
7.6.	**James Johnson** • Nil	JJ		02/12/21
7.7.	**Bob Clayton** • Nil	BC		02/12/21
8.	**Mining Operations Update** – Mine Update (presented by Peter Vale)			

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised

8.1. Mine Update:

- Tahmoor Colliery officially turned 40 on 23 October 2021.
- Funding for Australian Mining and Primary Steel (MPS) Australian business secured through Credit Suisse Asset Management (CSAM), who originally funded through Greensil. Wind up application withdrawn when deal was secured.
- Funding for the greater business ongoing
- Major Fraud office investigation in UK – no update
- Coal price – rose to historical high above $400/t, has reduced recently to around $315/t for Hard Coking Coal (HCC) (Tahmoor 89% of HCC).
- Iron ore prices have fallen, mainly driven by oversupply as steel making in China has slowed.

8.2. Western Domain:

- Longwall West 3 commenced on 14 September 2021.
- Start delayed by finalisation of Management Plans and Trigger Action Response Plans (TARPs) for monitoring of Stonequarry Creek Rockbar.
- Excellent performance to date, including daily and weekly production records.
- Development in Main Gate West 4 (MGW4) delayed by difficult geotechnical conditions requiring additional support.

8.3. Tahmoor South:

- Development mining ongoing in Tail Gate 1A (TG1A) for longwall South 1A (S1A) (no subsidence)
- Commenced development mining in Main Gate 1A (MG1A), installing conveyor for ongoing mining (no subsidence)
- Ongoing rehabilitation and construction works – ventilation, conveyors, gas drainage, etc.

NOTE — 02/12/21

9. Mining Operations Update – Tahmoor South (presented by April Hudson, Zina Ainsworth and Amanda Bateman)

9.1. Tahmoor South consent:

- Developing 13 Environmental Management Plans, status of each provided in table below.

Management Plan	Required Approval Timing	Status
Air Quality and Greenhouse Gas	Prior to Construction	Submitted to DPIE for endorsement
Noise Management Plan	Prior to Construction	Submitted to DPIE for endorsement
Traffic Management Plan	Prior to Construction	Submitted to DPIE for endorsement
Water Management Plan	Prior to Construction	Drafted, awaiting finalised Surface Water Management Plan
Surface Water Management Plan	Prior to Construction	HEC draft received, being reviewed by Tahmoor
Groundwater Management Plan	Prior to Construction	Submitted for agency comment
Biodiversity Management Plan	Prior to Construction	Agency comments received, final draft in preparation
Bushfire Management Plan	Prior to Construction	Submitted for agency comment
Spontaneous Combustion Management Plan	Prior to Second Workings	Drafted, awaiting Tahmoor comments
Social Impact Management Plan	Prior to Second Workings	Draft underway
Rehabilitation Strategy	Within 6 months of date of commencement of second workings	Agency comments received, final draft in preparation
Rehabilitation Management Plan	12 months from Regulations	Draft underway
Waste Management Plan	Update Only	Plan updated with Tahmoor South commitments

9.2. Tahmoor South Longwalls South 1A to South 6A (LW S1A-S6A) Extraction Plan:

- Mine plan recently confirmed
- Government agency and community consultation yet to commence
- Submission of LW S1A-S6A Extraction Plan anticipated April 2022

NOTE — 02/12/21

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised

	• Document preparation has commenced:
	  ○ Extraction Plan main document
	  ○ Water Management Plan
	  ○ Biodiversity Management Plan
	  ○ Land Management Plan
	  ○ Heritage Management Plan
	  ○ Built Features Management Plan
	  ○ Public Safety Management Plan
	  ○ Subsidence Monitoring Program
	• MM asked if Picton Wier was within the Study Area and if it would be impacted. ZA responded that it was not, however in accordance with the precautionary approach, a management plan for this structure will be prepared as part of the Extraction Plan.
	9.3. Tahmoor South Major Projects:
	• Mine site entrance upgrade (commencing April 2022)
	• Site noise mitigation works (to be completed by February 2024)
	• Sewage Treatment Plant (to be completed by September 2022)
	• Upgrade of air monitoring equipment
	• Gas Plant upgrade
	• Booster fan installation
	• Extensive surface and groundwater monitoring
	  ○ ***Action: AB to arrange presentation from Project Manager at next meeting***
	9.4. Tahmoor South Business Property Subsidence Management Plans:
	• 11 business/commercial properties have been identified in the A series longwalls requiring an individual Property Subsidence Management Plan (PSMP)
	• Consultation meetings have commenced with business owners
		AB	**03/03/22**	

10. Mining Operations Update - Western Domain (presented by April Hudson, Zina Ainsworth and Amanda Bateman)				

	10.1. Western Domain update – Longwall West 3 (LW W3)
	• Tahmoor Coal received Department of Planning, Industry & Environment (DPIE) approval for the commencement of LW W3 on Monday 13 September.
	• LW W3 is currently at 645m at COB 30/11/21 and the northern end of Stonequarry Estate will be in the Active Subsidence Zone this week.
	10.2. Subsidence Monitoring Observations
	• 407mm maximum observed incremental vertical subsidence at LW W3 centreline.
	• LW W2 centerline monitoring data indicates observed subsidence to be less than 650mm predicted maximum incremental vertical subsidence.
	• MM asked whether the predicted LW W2 maximum observed incremental vertical subsidence was the same as that for LW W3. AH responded that it was less than the predicted LW W3 amount, and the LW W2 measurements were less than predicted.
	10.3. Western Domain - Environmental
	• Latest Six-Monthly Subsidence Impact Report completed 15 November 2021.
	• No observed subsidence-related impacts to surface water level and quality, pools, dams, ecology, cliffs, steep slopes, agricultural land, Aboriginal heritage.
	• Surface water level:
	  ○ Level 3 TARP trigger for Pool CR14 in September 2021.
	  ○ Relatively small water level decline most likely related to prevailing below average rainfall conditions.
	  ○ Trigger resolved naturally.
		NOTE		02/12/21

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised

	• Historical heritage:
	  ○ Rail sandstone culverts at 88.400 km and 88.980 km experienced cracking and spalling of sandstone blocks in the headwalls, culverts stable.
	  ○ Inspected by a heritage consultant at end of LW W2, Level 3 TARP trigger confirmed.
	  ○ Notification to Department of Planning, Industry & Environment (DPIE) on 21 September 2021.
	  ○ Advice being sought from heritage stonemason regarding remediation of the sandstone, to be completed after full effects of LW W3-W4 completed.
	• Groundwater quality:
	  ○ 'Potential' Level 4 Trigger Action Response Plan (TARP) trigger at P13C for Lithium – result of variation in natural groundwater condition rather than mining. Trigger level revised.
	  ○ Level 3 TARP trigger for Strontium and Barium at 2 private groundwater bores – likely due to pumping operations or natural variation rather than mining. Ongoing monitoring.
	• Groundwater level:
	  ○ Recovery from depressurization impacts from extraction of LW W1 and LW W2 noted in 4 shallow groundwater bores and 3 intakes in one deep groundwater bores – reduction in TARP trigger levels over last 6 months.
	  ○ Retained Level 4 TARP trigger at one intake in deep groundwater bore TNC036, however expected to reduce to Level 3 soon.
		NOTE		02/12/21

	10.4. Stonequarry Creek Rockbar
	• Extensive monitoring program:
	  ○ Real-time subsidence monitoring
	  ○ Manual surveying by two independent consultants
	  ○ Visual inspections
	  ○ Joint measurements
	  ○ Stress cell monitoring
	  ○ Inclinometer (monitoring underground movements)
	  ○ Groundwater monitoring
	  ○ Surface water monitoring
	  ○ Specialist Technical Committee
	  ○ Steering Committee
	• Rockbar fracture and actions taken:
	  ○ No impact to Aboriginal Heritage Axe Grinding Grooves
	  ○ No impact to pool water holding capacity
	  ○ Stopped Longwall West 3 mining (4 days non-operational)
	  ○ Thorough Technical Specialist Committee investigation
	  ○ Geotechnical engineering inspection
	  ○ Site inspection with Heritage Consultant and Registered Aboriginal Party (RAP) representative
	  ○ Increased frequency of monitoring and visual inspections
	  ○ Increased Specialist Technical Committee & Steering Committee meetings
	  ○ Recommended to recommence longwall at reduced extraction rates
	  ▪ DH requested a summary of the Stonequarry Creek Rockbar monitoring report findings. ***Action: ZA to include for March meeting.***
		ZA	**03/03/22**	

	10.5. Heritage Rail and Main Southern Rail Update • Final Far Field preparation works for LW W4 on the Main Southern Railway (MSR) to be completed and commissioned by mid-December 2021.			

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised
	• LW W3 has passed beneath the Picton Mittagong Loop Line with no impact to date. • LW W3 is running parallel to the Main Southern Railway line with no impact to date.			
11. Environment Update (presented by Natalie Brumby, Tom O'Brien and Amanda Bateman)				
11.1. Environmental Incidents • There were no Environmental Incidents reported since the previous meeting. **Month** / **Environmental Incidents** September 2021 / 0 October 2021 / 0 November 2021 / 0		NOTE		02/12/21
11.2. Community Complaints • There was one community complaint reported since the previous meeting. **Month** / **Community Complaints** September 2021 / 1 October 2021 / 0 November 2021 / 0		NOTE		02/12/21
11.3. Depositional Dust • Deposited dust levels continue to be well below EPA target levels of 4mg/m^2 per month.		NOTE		02/12/21
11.4. Water – *License Discharge Point 1* • There were nil exceedances since the last meeting. • MM asked if the new parameters that come into effect following the implementation of the Waste Water Treatment Plant (WWTP) can be added to the LDP1 graphs. The committee noted that these new parameters will likely reflect as exceeded on the graphs, but it will demonstrate the new limits Tahmoor is working towards. ○ ***Action: NB to include the new parameter line on the LDP1 graphs going forward.***		NOTE NB	 **03/03/22**	02/12/21
11.5. Waste Water Treatment Plant • Reverse Osmosis (RO) Plant is designed to meet Australian & New Zealand Environment Conservation Council (ANZECC) Guidelines as per Environment Protection Licence (EPL) conditions (EC, Ba, Ni, As, Zn, Cu, N, Al, pH, $CaCO_3$). • Pilot plant began quality trials on 18 October 2021. • Trials due for completion on 10 December 2021. • Pilot plant performing well and permeate largely meeting ANZECC guidelines apart from: ○ Nitrogen levels - Plant undergoing some fine tuning. ○ Nitrogen levels are reducing steadily – Sewage Treatment Plant (STP) upgrades will further reduce Nitrogen levels.		NOTE		02/12/21
12. Myrtle and Redbank Creek Remediation Plan Update (presented by Nick Le Baut)				
12.1. Remediation Works Schedule:				

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised

	Schedule	Completed	In Progress	Remaining
Myrtle Creek – Pools	7 Pools	3	3	1
Redbank Creek – Pools	15 Pools	11	1	3
Redbank Creek - Rock Bars	6 Rock Bars	2	1	3

- Schedule approved by the Resources Regulator.
- Works to be completed by August 2022 for Myrtle Creek and December 2022 for Redbank Creek per schedule.

NOTE — 02/12/21

12.2. Myrtle Creek Pool 18:

- Remediation strategy:
  - 32m curtain wall to a depth of 6m below creek level using Polyurethane Resin (PUR).
  - Two stage process including shallow curtain wall to 2m and deeper curtain to 6m.
  - Completed in October 2021.
- Outcome:
  - Improvement in pool holding capacity following completion of Stage 2 (6m depth)
  - Further monitoring required to assess the effectiveness of the remediation strategy (Recession testing following rain events)

12.3. Myrtle Creek Pool 20:

NOTE — 02/12/21

- Return of water in pool following completion of Stage 2 remediation.
- Ongoing surface and groundwater water monitoring to assess effectiveness of remediation.
- Spring Aquatic survey completed. Report to be completed.

12.4. Myrtle Creek Pool 23:

- Surface water level has remained constant since completion of remediation in February 2020.
- Ongoing surface and groundwater water monitoring.
- Latest aquatic ecology survey – Improved habitat from remediation works due to the return of water (similar or better compared to reference sites not impacted by mining).

12.5. Redbank Creek Rockbar RB6

- Remediation strategy:
  - 50m curtain wall to a depth of 18m.
  - Four stage process including shallow curtain wall to 2m and deeper curtain in 6m increments.
  - Expected completion end of December 2021.
- Progress:
  - Stage 1 (2m) completed
  - Stage 2 (6m) completed
  - Stage 3 (12m) completed
  - Stage 4 (18m) in progress
  - Improvement in pool holding capacity however more monitoring data required
- RB6 Modelling – additional tool:
  - Assess the potential change in water level associated with the remediation of RB6.

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised
	○ Added tool to increase visibility by running different remediation scenario. ○ Model can be recalibrated using monitoring data to increase confidence. ○ Assist in revising remediation strategy at RB6 following review of monitoring data. **12.6. Redbank Creek Rock Bar 19 and 26:** • Spring aquatic monitoring survey completed (awaiting report) • Ground water and surface water monitoring ongoing • Further recession analysis required to confirm the effectiveness of the remediation strategy • Creek flowing over recent rain events **12.7. Future Works:** • Myrtle Creek Pool 14: ○ Remediation works to commence December 2021. ○ Methodology: 26m curtain wall at 16m depth. • Redbank Creek Pool RB6: ○ Curtain wall Stage 4 in progress. ○ Potential review of RB6 remediation strategy following early monitoring and modelling results. • Future sites: Planning for remediation works at Pool RB5 and 37 at Redbank Creek.			
13. Community Update (Presented by Amanda Bateman)				
13.1. Community Sponsorships: • **Cancer Council – Shitbox Rally 2022 -** provided a grant of $500 for the Roadrunner Team competing in the rally from Wollongong to Mackay via Innamincka in a car worth less than $1,000. This rally aims to raise $2.5M for Cancer Council research projects. • **Wollondilly Women in Excellence Awards 2022 -** sponsored $1,250 for the Wollondilly Women in Excellence Awards scheduled for March 2022. • **Great Cycle Challenge – Riding to fight kids cancer -** provided a grant of $1,035 for the Awesome Kids4Kids Team riding 500kms to raise funds for the Children's Medical Research Institute. • **Wollondilly Community Links Christmas Hampers -** provided a grant of $5,000 for the Community Links Christmas Hampers distributed to Wollondilly vulnerable families. • **Cancer Council – Walk for Sheree -** provided a grant of $1,000 for the 'Walk for Sheree' Cancer Council walks taking place in Picton and Wollongong in December 2021 in memory of an employee's late wife. • **One Stop Community Assistance (OSCA) – Christmas Hampers -** a grant of $5,000 for OSCA to purchase Christmas Hampers for Wollondilly vulnerable families and residents still recovering from the Green Wattle Creek bushfire.	NOTE		02/09/21
13.2. Community – Western Domain Newsletter 4 • Western Domain Newsletter 4 issued to residents in November 2021 • LW W3 commenced 14 September 2021 • Western Domain Newsletter 5 to be distributed mid-December 2021 • Some property claim assessments from LW W1 will commence early in 2022.	NOTE		02/12/21
14. Subsidence Advisory NSW Update				

Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 2 December 2021

SIMEC

Time Location Date	5.00pm to 6.40pm Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Minute Taker		AB
		Who	When Req'd	Date Raised
14.1.	**Residential Claim Status** Residential Claim Status / Active mining claims (TC) Total number of open claims: 23 Preliminary assessment: 1 Claims on hold: 18 Review requested: 1 Land & Environment Court Appeal (L&EC): 2 Determination issued: 1	NOTE		02/12/21
14.2.	**Picton Industrial Area** Picton Light Industrial Area Total number of claims: 28 Review requested: 4 Claims accepted: 24			
15.	**TCCCC Finance**			
15.1.	The TCCCC bank balance is currently $29,902.37, statement end 30 September 2021.	NOTE		02/12/21
16.	**General Business**			
16.1.	MM to draft TCCCC Annual Report with the aim to table the draft at the March 2022 meeting.	MM	**03/03/22**	
16.2.	MM raised the potential of filling the vacant position on the committee and possibly extending an invite to the local indigenous community. MM asked all members to consider this for tabling at the March 2022 meeting.	ALL	**03/03/22**	
16.3.	AB advised the committee that the apprentices will be bracing the culturally significant scar tree at Thirlmere Lakes on 7 December 2021.	NOTE		02/12/21
16.4.	**MM closed the meeting.**			

Meeting Closed	*6:40 pm*	Next Meeting	*Thursday 3 March 2022*	Time	*5:00pm*	Location	*Conference Room 1*

Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 3 March 2022

Name	Role
Attendees	
Michael Muston (MM)	Independent Chairperson
James Johnson (JJ)	Community Representative
Col Mitchell (CM)	Community Representative
Ana Gracanin (AG)	Community Representative (online)
Bob Clayton (BC)	Community Representative (online)
Paul Rogers (PR)	Wollondilly Shire Council Representative (online)
David Henry (DH)	Wollondilly Shire Council Representative (online)
Michael Banasik (MB)	Wollondilly Shire Council Representative (online)
Peter Vale (PV)	Tahmoor Coal Representative
Zina Ainsworth (ZA)	Tahmoor Coal Representative (online)
Amanda Bateman (AB)	Tahmoor Coal Representative (minute taker)
Invitees	
Natalie Brumby (NB)	Tahmoor Coal Representative (online)
April Hudson (AH)	Tahmoor Coal Representative (online)
Thomas O'Brien (TO)	Tahmoor Coal Representative
Nick Le Baut (NLB)	Tahmoor Coal Representative (online)
Ross Barber (RB)	Tahmoor Coal Representative (online)
Allen Bond (ABond)	Tahmoor Coal Representative
Apologies	
Greg Kininmonth (GK)	Resources Regulator
David Auchterlonie (DA)	Community Representative
Matthew Montgomery (MMt)	Subsidence Advisory NSW

Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 3 March 2022

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised
1. Welcome and Introductions				
1.1.	Michael Muston is the Independent Chairperson. He acknowledged the Traditional Owners of the land on which we met and paid respects to their Elders, past and present.	NOTE		03/03/22
1.2.	MM welcomed newly appointed Wollondilly Shire Council Representative, Councillor Paul Rogers and Wollondilly Shire Council attendee (alternate Council Representative), Councillor Michael Banasik.			
2. Declarations of Interest				
2.1.	MM is paid by Tahmoor Coal.	NOTE		03/03/22
3. Apologies				
3.1.	As per list above.	NOTE		03/03/22
4. Confirmation of Minutes of Previous Meeting				
4.1.	Confirmation of Minutes from 2 December 2021 accepted. Note: Q4 minutes to be added to the Tahmoor Website.	NOTE		03/03/22
5. Business Arising from Previous Minutes				
5.1.	Committee requested a change to section 7.7 of the Q3 meeting minutes. ***AB amended the minutes and redistributed – Completed and closed.***	CLOSED		03/03/22
5.2.	Committee asked if Tahmoor knows about the tippers and trucks coming in and out of Kader Street Bargo. ***Tahmoor investigated and it is unrelated to mining operations – Completed and closed.***	CLOSED		
5.3.	DH to notify MM and AB of new council representative once known following the election. ***Email received from WSC confirming Paul Rogers as the new council representative – Completed and closed.***	CLOSED		
5.4.	AB to email final version of the Air Quality and Greenhouse Gas Management Plan to AG – ***Completed and closed.***	CLOSED		
5.5.	AB to arrange presentation from Tahmoor South Project Manager on project update at next meeting – ***included in meeting presentation with Project Manager, Allen Bond.***	CLOSED		
5.6.	Committee requested a summary of the Stonequarry Creek Rockbar monitoring report findings – ***included in meeting presentation.***	CLOSED		
5.7.	Committee asked Tahmoor to include the new parameter line on the LDP1 graphs going forward, noting they will likely reflect as exceeded on the graphs but will demonstrate the new limits Tahmoor is working towards – ***included in meeting presentation.***	CLOSED		
5.8.	MM asked all committee members to consider the potential for filling the vacant position on the committee and possibly extending an invite to the local community groups – ***included in General Business for discussion.***	CLOSED		
6. Correspondence - update as per the agenda				
6.1.	Tahmoor South First Workings Mine Plan – Emailed by Amanda Bateman 06/09/2021	NOTE		03/03/22
6.2.	Q4 TCCCC Meeting invitation distributed – Emailed by Amanda Bateman 19/11/2021			
6.3.	Q4 TCCCC Meeting agenda distributed – Emailed by Amanda Bateman 24/11/2021			
6.4.	Apology received from Robert Khan due to council election – Emailed by Kristy Peters 25/11/2021			
6.5.	SA NSW claim statistics issued – Emailed by Matthew Montgomery 02/12/2021			
6.6.	CIP Grant Form sent to DA – Emailed by Amanda Bateman 03/12/2021			

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised
6.7.	Final Air Quality & Greenhouse Gas Management Plan sent to AG – Emailed by Amanda Bateman 06/12/2021			
6.8.	Revised Q3 TCCCC Meeting Minutes distributed – Emailed by Amanda Bateman 09/12/2021			
6.9.	Q4 TCCCC Chair invoice submitted for payment - Emailed by Michael Muston 09/12/2021			
6.10.	CMAP Quarterly Progress Report Dec 2021 distributed – Emailed by Amanda Bateman 24/12/2021			
6.11.	Q4 TCCCC Meeting Minutes distributed – Emailed by Amanda Bateman 06/01/2022			
6.12.	Councillor Paul Rogers appointed as the Council Delegate for TCCCC – Emailed by Kristy Peters 21/01/2022			
6.13.	Notification to MM of Councillor Paul Rogers appointment as WSC rep for TCCCC – Emailed by Amanda Bateman 27/01/2022			
6.14.	Draft Annual Report 2021 for review – Emailed by Michael Muston 11/02/2022			
6.15.	Western Domain Newsletter #1 Feb 2022 – Emailed by Amanda Bateman 15/02/2022			
6.16.	Q1 TCCCC Meeting invitation distributed – Emailed by Amanda Bateman 15/02/2022			
6.17.	Draft Annual Report 2021 distributed for committee review – Emailed by Michael Muston 17/02/2022			
7.	**Committee Members Reports**			
7.1.	**James Johnson** • Advised one neighbour raised issues with water testing of his bore. Community Liaison, Amanda Bateman confirmed contact had been made regarding this.	JJ		03/03/22
7.2.	**Col Mitchell** • Nil	CM		03/03/22
7.3.	**David Henry** • Thirlmere Lakes Research Program report delayed – 3-4 weeks with ministerial approval. Martin Krogh from DPE will notify Council once report is approved and DH will circulate the report to the committee.	DH		03/03/22
7.4.	**Ana Gracanin** • Nil	AG		03/03/22
7.5.	**David Auchterlonie** • Apologies	DA		03/03/22
7.6.	**Bob Clayton** • Nil	BC		03/03/22
7.7.	**Paul Rogers** • Pleased to have joined the committee as the new Council Representative and as a local resident of Bargo with the upcoming Tahmoor South mining domain.	PR		03/03/22
7.8.	**Michael Banasik** • Appreciated the invitation to attend and noted that communication and consultation with the community is paramount regarding the Tahmoor South mining domain.	MB		03/03/22
8.	**Mining Operations Update** – Mine Update (presented by Peter Vale)			

Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 3 March 2022

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised

8.1. Mine Update:
• Coal price – rose to historical high above $400/t for Hard Coking Coal (HCC), reduced to around $315/t, then rose again above $450/t. New record high of $475/t USD.
• Iron ore prices holding at a reasonable level for the business after hitting historical highs last year.
• Advantageous position for Tahmoor as we invest in Tahmoor South, the future of the mine.
• Major projects underway:
  ○ Waste Water Treatment Plant
  ○ Sewerage Treatment Plant
  ○ Noise mitigation works
  ○ Front entrance roadworks
  ○ Underground booster fans
8.2. Western Domain:
• Longwall West 3 commenced on 14 September 2021.
• Excellent performance including daily and weekly production records.
• Approaching bolt-up then removal, scheduled for completion 16 March 2022.
• Longwall West 4 shortened due to difficult geotechnical conditions in development roadways Main Gate West 4.
• Installation roadways still being completed for Longwall West 4.
8.3. Tahmoor South:
• Development mining ongoing in Tail Gate 1A (TG1A) for longwall South 1A (S1A) (no subsidence)
• Commenced development mining in Main Gate 2A (MG2A), whilst installing conveyor for ongoing mining in Main Gate 1A (MG1A) (no subsidence)
• Ongoing rehabilitation and construction works – ventilation, conveyors, gas drainage, etc.
• Question asked regarding whether Tahmoor South will extract consistent coal to what is currently being extracted. Response was yes, as indicated by coal quality from old longwalls adjacent to the Tahmoor South proposed longwalls.
	NOTE		03/03/22

9. Tahmoor South – Major Projects update (presented by Allen Bond)				

9.1. Noise mitigation:
• Noise surveys to form base lines for the site and surrounding areas have been completed.
• Progressing with the design and installation of noise reduction covers to the stockpile dozers.
• Coal Handling Prep Plant (CHPP) noise reduction progressing in two stages:
  1. installation of noise dampening cladding (investigation completed, scope of works (SOW) being developed and issued for tender).
  2. closure of openings on the external CHPP walls (contractors engaged, SOW developed and issued for tender).
9.2. Vent shafts:
• Ventilation review has been undertaken.
• No new ventilation shafts are required for Tahmoor South – Continued use of existing shafts.
• The clearing of Critically Endangered Ecological Communities – Shale Sandstone Transition Forest is now not required.
	NOTE		03/03/22

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised
	• Only clearing will be of the rehabilitated area on the Reject Emplacement Area (REA). **9.3. Gas drainage plant upgrade:** • Plant capacity (3,000L/s), interim upgrade complete (4,500L/s). • Tenders evaluated. • Contract agreed to increased capacity to around 6,500L/s. • This will optimise gas capture, reduce Greenhouse Gas emissions, and provide opportunity for Tahmoor to eliminate the use of electricity from the grid through expansion of the gas-powered electricity generation plant. **9.4. Mine site entrance:** • Construction to commence April 2022 (WSC Traffic Committee approval received on 02/03/2022). • Approx. 3 months for construction. • The localised drainage and widening work on the Tahmoor side will be done during day shifts. • Tahmoor will seek the necessary approvals to complete the resheeting of the pavement on nightshift to mitigate disruptions to traffic during the school hours (similar to every other road works on major roads). • MB asked about Wollondilly Anglican College (WAC) road upgrade. ABond advised Tahmoor has been consulting closely with WAC with the design, but our implementation timeframes unfortunately didn't align. • CM raised lighting options at the intersection as a safety requirement. ○ ***ABond to investigate this further and discuss with WSC Traffic Committee.*** **9.5. Sewage Treatment Plant:** • On schedule for commissioning prior to September 2022.	**ABond**	**02/02/22**	03/03/22
10. Tahmoor South (presented by April Hudson and Zina Ainsworth)				
	10.1. Tahmoor South Longwalls South 1A to South 6A (LW S1A-S6A) Extraction Plan: • Government agency and community consultation has commenced • Submission of LW S1A-S6A Extraction Plan anticipated April 2022 • Anticipated extraction September 2022 to October 2026 for A-Series • Document preparation has commenced: ○ Extraction Plan main document ○ Water Management Plan ○ Biodiversity Management Plan ○ Land Management Plan ○ Heritage Management Plan ○ Built Features Management Plan ○ Public Safety Management Plan ○ Subsidence Monitoring Program **10.2. Tahmoor South consent:** • Developing 13 Environmental Management Plans, status of each provided in table below.	NOTE		03/03/22

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised

Management Plan	Required Approval Timing	Status
Air Quality and Greenhouse Gas	Prior to Construction	DPIE Comments with Tahmoor to Action
Noise Management Plan	Prior to Construction	Submitted to DPIE for Approval
Traffic Management Plan	Prior to Construction	Approved
Water Management Plan	Prior to Construction	DPIE Comments with Tahmoor to Action
Surface Water Management Plan	Prior to Construction	DPIE Comments with Tahmoor (ATC Williams) to Action
Groundwater Management Plan	Prior to Construction	DPIE Comments with Tahmoor (SLR) to Action
Biodiversity Management Plan	Prior to Construction	DPIE Comments with Tahmoor (Niche) to Action
Bushfire Management Plan	Prior to Construction	Submitted to DPIE for Approval
Spontaneous Combustion Management Plan	Prior to Second Workings	Submitted to DPIE for Comment
Social Impact Management Plan	Prior to Second Workings	Draft underway
Rehabilitation Strategy	Within 6 months of date of commencement of second workings	DPIE Comments with Tahmoor to Action
Rehabilitation Management Plan	12 months from Regulations	Draft underway
Waste Management Plan	Update Only	Plan updated with Tahmoor South commitments.

11. Mining Operations Update - Western Domain (presented by April Hudson, Zina Ainsworth and Amanda Bateman)

11.1. Western Domain update – Longwall West 3 (LW W3)

- Tahmoor Coal received Department of Planning & Environment (DPE) approval for the commencement of LW W3 on Monday 13 September 2021.
- LW W3 is currently at 1475m at COB 01/03/2022 (total length 1544m).

11.2. Subsidence Monitoring Observations

- 581mm maximum observed incremental vertical subsidence at LW W3 centreline.
- Very little change in measurements within the creek systems.

11.3. Western Domain - Environmental

- No observed subsidence-related impacts to surface water level and quality, pools, dams, ecology, cliffs, steep slopes, agricultural land or Aboriginal heritage in last 3 months.
- Historical heritage:
  - Rail sandstone culverts at 88.400 km and 88.980 km experienced cracking and spalling of sandstone blocks in the headwalls, culverts stable.
  - Rail sandstone culverts at 88.400 km and 88.980 km experienced cracking and spalling of sandstone blocks in the headwalls, culverts stable.
  - Department of Planning, Industry & Environment (DPIE) notified on 21 September 2021.
  - No further impacts noted since.
  - Remediation of culverts in preparation, and advice from heritage stonemason being sought.
  - LW W3 end of panel inspection to be completed shortly.
- Surface water level:
  - All sites at Level 1 (within natural parameters) due to high rainfall and correlating high water level.
  - Pool CR14 (Monitoring Site CB) has been at Level 1 since 6 November 2021, attributed to recovering groundwater system feeding back into the creek.
- Surface water quality:
  - Negligible evidence of influence of LW W3 mining on water quality.
- Pool observations:
  - Level 3 TARP triggered due to surficial fracturing of Rockbar SR17 (first observed October 2021).
  - All other sites at Level 1.
- Groundwater level:

NOTE

03/03/22

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised
	○ Slight decrease in GW level due to LW W3 mining, however most groundwater levels are stable. ○ Retained Level 4 TARP trigger at one intake in deep groundwater bore TNC036. ○ Retained Level 3 TARP triggers at two shallow bores (P12C and P16C). ○ Shallow and deep groundwater bores are expected to recover from depressurisation impacts following LW W3 and LW W4 extraction. • Groundwater quality: ○ Level 3 TARP trigger for Lithium at P14A and Strontium at a private groundwater bore (GW115860), however levels have since dissipated. ○ Electrical conductivity (EC) spike at P15B in December 2021 determined to be related to grout / cement contamination rather than mining effect. **11.4. Stonequarry Creek Rockbar** • Extensive monitoring program: ○ Real-time subsidence monitoring ○ Manual surveying by two independent consultants ○ Visual inspections ○ Joint measurements ○ Stress cell monitoring ○ Inclinometer (monitoring underground movements) ○ Groundwater monitoring ○ Surface water monitoring ○ Specialist Technical Committee ○ Steering Committee • Rockbar fracture update: ○ A new fracture was detected on the southeast corner - 28 October 2021. ○ Fracture location was 40m downstream of the closest heritage site across the highly disturbed access track. ○ LW W3 stopped on 28 October 2021 for investigation by Technical Committee. ○ Approved restart at reduced extraction rates with increased controls – 1 November 2021. ○ Fracturing associated with geology of thinly bedded laminated sandstone with very low resistance to compressive strain (different to grinding groove sites). ○ Further localised fracturing has occurred within the same area, as forecast by the Technical Committee. ○ Fracturing is typical of previous naturally induced failures as a result of thinly bedded laminated sandstone. ○ No loss of water or heritage value of the rockbar. ○ LW W3 is currently >1.5km from the rockbar and no visual or measurable changes have been detected for approximately 2 months. ○ The management plan for LW W3 will be extended to cover LW W4 (noting start position is >900m from rockbar). ○ Heritage consultants are part of Technical Committee and Registered Aboriginal Parties (RAPs) have been informed throughout mining. ○ Remediation (if required) will be determined at the end of LW W4. **11.5. Heritage Rail and Main Southern Rail Update** • LW W3 has passed beneath the Picton Mittagong Loop Line with no impact to date. • LW W3 is running parallel to the Main Southern Railway line with no impact to date.	NOTE		03/03/22

Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 3 March 2022

SIMEC

<table>
<tr><td>Time
Location
Date</td><td>5.00pm to 7.08pm
Conference Room 1 & Microsoft Teams Meeting
3 March 2022</td><td colspan="2">Minute Taker</td><td>AB</td></tr>
<tr><td></td><td></td><td>Who</td><td>When Req'd</td><td>Date Raised</td></tr>
<tr><td colspan="5">12. Environment Update (presented by Natalie Brumby, Tom O'Brien and Amanda Bateman)</td></tr>
<tr><td>12.1. Environmental Incidents
There were no Environmental Incidents reported since the previous meeting.
<table><tr><th>Month</th><th>Environmental Incidents</th></tr><tr><td>December 2021</td><td>0</td></tr><tr><td>January 2022</td><td>0</td></tr><tr><td>February 2022</td><td>0</td></tr></table></td><td colspan="2">NOTE</td><td>03/03/22</td></tr>
<tr><td>12.2. Community Complaints
There were two community complaints reported since the previous meeting.
<table><tr><th>Month</th><th>Community Complaints</th></tr><tr><td>December 2021</td><td>2</td></tr><tr><td>January 2022</td><td>0</td></tr><tr><td>February 2022</td><td>0</td></tr></table></td><td colspan="2">NOTE</td><td>03/03/22</td></tr>
<tr><td>12.3. Depositional Dust
Deposited dust levels continue to be well below EPA target levels of 4mg/m^2 per month.</td><td colspan="2">NOTE</td><td>03/03/22</td></tr>
<tr><td>12.4. Water – License Discharge Point 1
There were nil exceedances since the last meeting.</td><td colspan="2">NOTE</td><td>03/03/22</td></tr>
<tr><td>12.5. Waste Water Treatment Plant
Pilot Plant trial operated for 8 weeks and was successfully completed in December 2021, ensuring that Reverse Osmosis technology is fit for purpose.
Output water achieved compliance with ANZECC Guidelines for all specified analytes within the Environment Protection Licence (EPL).
Total Nitrogen gradually achieved compliant levels in weeks 7 and 8 with chemical dosing adjustments.
Based on the proven piloting process, contract awarded for Main Plant in December 2021.
Cost of Plant in order of $20M.
Action: Provide update on WWTP schedule at next meeting.</td><td>NOTE

TO</td><td>

02/06/22</td><td>03/03/22</td></tr>
<tr><td colspan="5">13. Myrtle and Redbank Creek Remediation Plan Update (presented by Nick Le Baut)</td></tr>
<tr><td>13.1. Remediation Works Schedule:<table><tr><th></th><th>Schedule</th><th>Completed</th><th>In Progress</th><th>Remaining</th></tr><tr><td>Myrtle Creek – Pools</td><td>7 Pools</td><td>3</td><td>4</td><td>0</td></tr><tr><td>Redbank Creek – Pools</td><td>15 Pools</td><td>12</td><td>0</td><td>3</td></tr><tr><td>Redbank Creek - Rock Bars</td><td>6 Rock Bars</td><td>2</td><td>1</td><td>3</td></tr></table>
Schedule approved by the Resources Regulator.
Schedule variation approved by Resources Regulator for Redbank Creek (extension of 6 months to carry out further characterisation)
Works to be completed by August 2022 for Myrtle Creek and June 2023 for Redbank Creek per schedule</td><td colspan="2">NOTE</td><td>03/03/22</td></tr>
</table>

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised

13.2. Myrtle Creek Pool 10 and 11 – Stage 1:

- Remediation strategy:
  - Main fracture network 1m below creek level
  - Shallow curtain wall to 2m depth below creek level using Polyurethane Resin (PUR)
  - Stage 1 completed in December 2021
- Outcome:
  - Improvement in pool holding capacity following the completion of Stage 1
  - Further monitoring required to assess the effectiveness of the remediation strategy (Recession testing following rain events)

13.3. Myrtle Creek Pool 14:

- Remediation strategy:
  - 26m wide curtain wall to a 16m depth
  - Four stage process including shallow curtain wall to 2m and deeper curtain in 6m increments
  - Expected completion end of March 2022
- Progress:
  - Stage 1 (2m) completed
  - Stage 2 (5m) completed
  - Stage 3 (10m) completed
  - Stage 4 (16m) in progress
  - Surface water will be monitored following completion of the works to assess the effectiveness of the remediation strategy

13.4. Myrtle Creek Pool 20 and Pool 18:

- Pool 20 and Pool 18 have been holding water since the completion of the remediation works (previously holding water for a short time after major rain events)
- Ongoing surface and groundwater water monitoring to assess effectiveness of remediation

13.5. Myrtle Creek Pool 23:

- Surface water level has remained constant since completion of remediation in February 2020
- Ongoing surface and groundwater water monitoring
- Latest aquatic ecology survey – Improved habitat from remediation works due to the return of water (similar or better compared to reference sites not impacted by mining)

13.6. Redbank Creek Rockbar RB6

- Remediation strategy and outcome:
  - 50m wide curtain wall to a depth of 18m
  - Four stage process including shallow curtain wall to 2m and deeper curtain in 6m increments
  - Current scope completed end of December 2021
  - Early positive outcome with return of surface water
- RB6 additional characterisation
  - Variation to schedule approved by Resources Regulator
  - Additional ground characterisation to assess if further remediation is required at Pool RB6
  - Characterisation data and monitoring data to be used to recalibrate groundwater model
  - Assist in revising remediation strategy at RB6 following review of monitoring data

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker		AB
		Who	When Req'd	Date Raised

13.7. Future Works:
• Myrtle Creek Pool 12a:
  ○ Remediation works Stage 2 – 4 to commence March 2022
  ○ Methodology: 40m curtain wall at 15m depth.
• Redbank Creek Pool RB6:
  ○ Additional characterisation and monitoring in progress
  ○ Potential review of RB6 remediation strategy following additional modelling results.
  ○ Review with Resources Regulator in May-June 2022
• Redbank Creek Pool RB5:
  ○ Planning for characterisation in March 2022				

14. Community Update (Presented by Amanda Bateman)				
14.1. Community Sponsorships: • **Australian Wildlife Sanctuary (AWS) – Woodlands pond** • Provided a grant of $17,700 for AWS to install a pond in the Woodlands area for the endangered wildlife species • **His House Church Christmas Hampers** • Provided a grant of $2,000 for Christmas hampers distributed to Wollondilly vulnerable families • **Thirlmere Festival of Steam** • Provided a grant of $3,000 for the parade sponsorship at the Thirlmere Festival of Steam to be hold on Sunday 13 March 2022 • **SOTC Inc Chapel Run Car Show & Shine** • Provided a grant of $2,000 for the Shine & Show event to raise funds for the Autism and Special Needs Unit at Tahmoor Primary School • **Tharawal Local Aboriginal Land Council – NAIDOC Fun Day** • Provided a grant of $1,500 for the TLALC NAIDOC Fun Day to be held on Saturday 9 July 2022 at the TLALC Cultural Centre in Couridjah		NOTE		03/03/22
14.2. Community – Apprentices project at Thirlmere Lakes • Two media articles were printed in the Campbelltown Macarthur Advertiser and Wollondilly Advertiser local papers regarding the recent SIMEC Mining Apprentices community project at Thirlmere Lakes. • The apprentices sourced engineered bands to brace a culturally significant scar tree that was struck by lightning in 2019 resulting in a large split down its entire trunk.		NOTE		03/03/22
14.3. Community – Western Domain Newsletters • Western Domain Newsletter 6 was issued to residents in December 2021 • Western Domain Newsletter 1 for 2022 was issued to residents in February 2022		NOTE		03/03/22
14.4. Community – Tahmoor South engagement • For Longwalls S1A to S3A - 11 of 20 landowners have registered for Pre-Mining Inspections (PMI), 3 completed to date • Consultation commenced this week with the remaining 9 landowners to encourage PMI take up • Baseline geotechnical inspections of 52 farm dams in the vicinity of the A-Series longwalls was completed in January and February 2022		NOTE		03/03/22

Time Location Date	5.00pm to 7.08pm Conference Room 1 & Microsoft Teams Meeting 3 March 2022	Minute Taker Who	 When Req'd	AB Date Raised
	• Baseline bore surveys were completed in February for 39 of 54 landowners who took up the offer of the survey • Land access requests have commenced for surface and groundwater monitoring activities for the A-Series longwalls			
15. Subsidence Advisory NSW Update				
15.1.	**Residential Claim Status** Residential Claim Status: Total number of open claims 25; Preliminary assessment 0; Claims on hold 10; Under investigation 9; Land & Environment Court Appeal (L&EC) 2; Determination issued 3; Review requested 1	NOTE		03/03/22
15.2.	**Picton Industrial Area** Picton Light Industrial Area: Total number of claims 28; Claims accepted & finalised 25; Determination issued 3			
16. TCCCC Finance				
16.1.	The TCCCC bank balance is currently $29,872.37, statement end 31 December 2021.	NOTE		03/03/22
17. General Business				
17.1.	MM circulated draft TCCCC Annual Report 2021 to committee members for feedback. Committee confirmed agreement to finalise the report and submit.			
17.2.	***MM to send letter of thanks to long-term committee member Robert Khan.***	**MM**	**02/06/22**	
17.3.	Committee discussed the opportunity to fill the vacant position on the committee, considering factors such as succession planning, Tahmoor South mining location (Bargo), gender balance, notifying local community groups. ***AB to review CCC advertising requirements and prepare draft advertisement.***	**AB**	**02/06/22**	03/03/22
17.4.	***AB to update committee member contact list and circulate.***	**AB**	**02/06/22**	
17.5.	MM closed the meeting.	NOTE		

Meeting Closed	*7:08 pm*	Next Meeting	*Thursday 2 June 2022*	Time	*5:00pm*	Location	*Conference Room 1*

24 August 2021

Dear Resident,

Re: Tahmoor South update

I am writing on behalf of Tahmoor Coal to provide an update on the Tahmoor South mine plan. As you are likely aware, the Independent Planning Commission (IPC) approved the Tahmoor South Project on 23 April 2021 with conditions of consent.

Tahmoor Coal is reviewing the IPC's conditions of consent, while maintaining operations in the Western Domain (Picton) area where we are currently mining until approximately August 2022.

Over the coming 12 months our community team will continue to provide more details on the preparation and timing of mining activities for Tahmoor South. This process includes reaching out to residents in the area of mining, specifically:

- Letters (or written communications) and door-knocks (COVID-19 permitting)
- Information about pre-mining inspections
- Information about the mining process
- Information about monitoring activities before mining commences.

Enclosed is the latest Resident Information Pack which details the current anticipated mining schedule and longwall mine plan labled for your reference.

Request a free Pre-Mining Inspection

Tahmoor Coal encourages all property owners located in the subsidence zone of the planned mining to request a free pre-mining inspection (PMI). The purpose of a PMI is to determine the condition of your property prior to mining. It provides an added protection for you to ensure you receive adequate compensation to return your property to its pre-mining condition should it be impacted by subsidence.

PMIs are free of charge and help facilitate a straightforward claims process if you need to make a compensation claim for mine subsidence damage. If you would like to register for a pre-mining inspection, please email tahmoorenquiries@simecgfg.com with your name, address and contact number and we will add you to the register. Please be advised pre-mining inspections will be undertaken from early to mid 2022.

Tahmoor Coal Community Consultative Committee

The Tahmoor Coal Community Consultative Committee (TCCCC) provides a forum for open discussion between representatives of Tahmoor Coal Mine, the community, council and other stakeholders on issues directly relating to the mine's operations, environmental performance and community relations.

The TCCCC is independently chaired and membership consists of up to seven representatives from the local area, who meet on a quarterly basis. Should you wish to contact a TCCCC member, the contact information is available at www.tahmoorcoal.com.au.

SIMEC
2975 Remembrance Drive, Bargo 2574
P.O Box 100, Tahmoor NSW 2571
Tahmoor Coal Pty Ltd ABN: 97 0766 639 68

T: +61 (02) 4640 0100
E: tahmoorenquiries@simecgfg.com
simec.com

MEMBER OF GFG ALLIANCE

To stay up to date about Tahmoor South mining, please visit: www.tahmoorcoal.com.au. If you have any questions, please contact us on phone: 02 4640 0100 or email: tahmoorenquiries@simecgfg.com.

Yours sincerely,



Amanda Bateman
Community Liaison Specialist
Tahmoor Coal Pty Ltd

SIMEC

MEMBER OF GFG ALLIANCE

Resident Information Pack

Tahmoor South Information Pack

Mining

Resident Information Pack

Tahmoor Coal Pty Ltd (Tahmoor Coal) is committed to ensuring the community is informed and up to date with our mining operations. Tahmoor Coal is planning to commence mining in an area known as Tahmoor South Domain in October 2022.

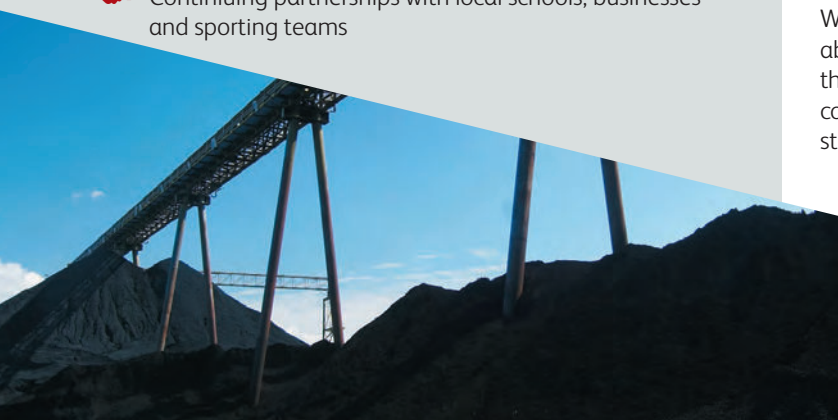
The purpose of this Resident Information Pack is to help answer any questions you may have regarding mine subsidence and your property. The Information Pack contains the following information:

- Tahmoor Coal's current mine plan.
- Information about longwall mining and subsidence management by Tahmoor Coal.
- How to arrange a pre-mining inspection (at no cost to the property owner) prior to mining commencing.
- An outline of the claims process for any potential damages that may occur due to longwall mining.
- Frequently asked questions.

Should you have any further questions a Tahmoor Coal representative would be happy to answer and discuss with you directly.

Tahmoor South Snapshot

- Inject $137.5 million into the local economy
- Continued stable employment in the region
- Reduced impact to native vegetation and water sources
- Continuing participation in community initiatives
- Continiuing partnerships with local schools, businesses and sporting teams



Tahmoor Coal Operations

Tahmoor Coal Mine is an underground coal mine that began operations in 1979. The Mine has approval to produce up to four million tonnes of Run of Mine (ROM) coal per annum.

Coal is mined from within the Bulli seam, producing coking coal for steel production. Product coal is transported via rail to Port Kembla for Australian domestic customers and export customers. The current mining operations, in the Tahmoor North lease area, are forecast to continue until August 2022, when the mining operations will move to a new mining domain (Tahmoor South) near Bargo.

Tahmoor Coal currently employs approximately 400 employees and contractors. The operation supports many local and regional businesses and services.

Tahmoor Coal is a proud supporter of local charities and service organisations through its sustainable development program and sponsorships.

Longwall Mining

Coal is extracted at Tahmoor Coal by a longwall shearer and conveyed to the surface by a series of conveyors. A typical schematic diagram of longwall mining at Tahmoor Coal is shown on Figure 1.

The area immediately in front of the coal face is supported by a series of hydraulic roof supports, which temporarily hold up the roof and provides a working space for the shearing machinery and the face conveyor. After each slice of coal is removed, the hydraulic roof supports, the face conveyor and the shearing machinery is moved forward.

When coal is extracted using this method, the roof immediately above the seam is allowed to collapse into the void that is left as the face retreats. This void is referred to as the goaf. As the roof collapses into the goaf behind the roof supports, the overlaying strata collapses and results in subsidence of the surface area above.

Annual Production For Tahmoor Coal

2020 SALEABLE COAL

1.345 million tonnes

Underground Coal Mining Terms

The coal mining industry has a number of mining specific terms and phrases that are commonly used. Below is a brief introduction to some of these common terms at Tahmoor Coal.

Block	A dimensional delineation of the mineral deposit; as in "a block of coal" or, "coal blocked out for extraction".
Coal face	The current working place for coal extraction.
Coal Preparation Plant (CPP)	Processing plant where coal is sized, washed and prepared for the market.
Coal seam	Naturally formed underground layer of coal.
Continuous miner	The electric powered cutting machine used to remove coal from the active mining face and load it into the shuttle car.
Conveyor	The means of transporting coal from the coal face to the underground bin or surface. It consists of a belt being driven by a motor over a roller assembly.
Cover depth	The depth from the surface to the mine workings.
Development	The operations involved in preparing the coal seam for extraction.
Downcast	A shaft or other mine opening down to the underground workings in which fresh air from the surface passes.
Drift	An inclined access opening from the surface to the coal seam.
Exploration	The search for mineral deposits and the work done to prove or establish the extent of a mineral deposit.
First workings	The driving of headings (underground roadways) in the solid coal seam prior to the commencement of extraction.
Gate Road	An underground roadway leading to a working place in longwall mining.
Goaf	The underground area abandoned and left to collapse after the extraction of coal.
Heading	An underground roadway formed in the direction of a development panel.
Longwall	A system of mining coal in which the seam is extracted on a broad front or long face using a coal shearer and the roof is supported by hydraulic roof supports.
Longwall Panel	A block of coal to be mined by longwall defined by gate roads and coal seam thickness.
Panel	Underground workings are broken up into a number of panels which are working places for each mining crew.
Run of mine (ROM)	Raw coal production; the unprocessed mined coal that is conveyed to the CPP. ROM may consist of coal and rock.
Shaft	A vertical opening connecting the surface with the underground workings.
Subsidence	The vertical lowering or collapse of the ground surface following coal extraction.
Upcast	A shaft or other mine opening through which air returns to the surface after ventilating the underground workings.



Figure 1: Schematic diagram of longwall mining

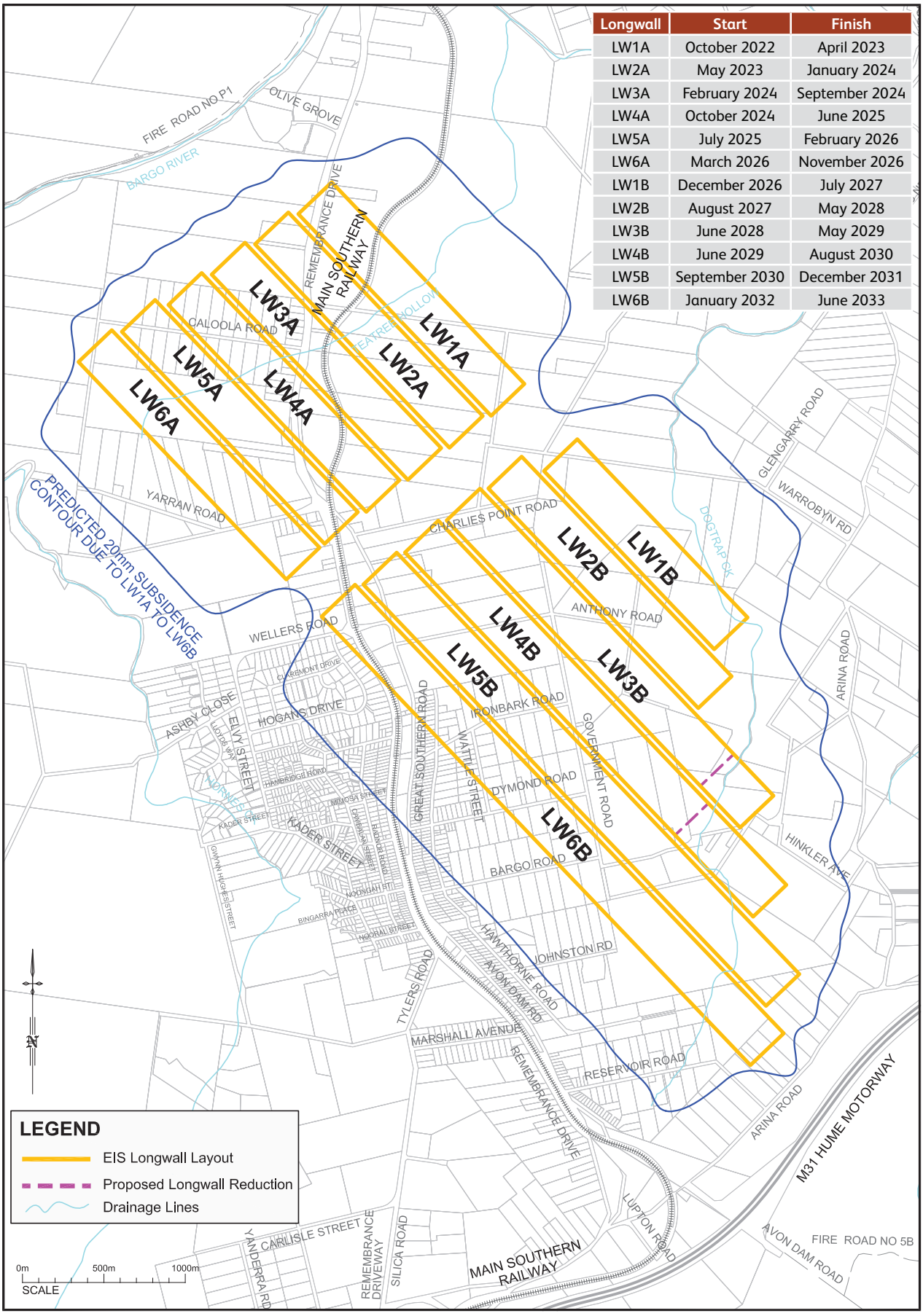
Tahmoor South Mine Plan

Figure 2 outlines the proposed longwalls and mining timeframes for Tahmoor South. Please note this is subject to change pending relevant approvals and operations.

The predicted 20mm Subsidence Area outlines the area that may be potentially impacted by subsidence from the mining of the longwalls. If you live within the predicted 20mm Subsidence Area (blue line in figure 2 below) please contact us to arrange a free pre-mining inspection.

The pink hashed line in figure 2 demonstrates the possible set back commencement location of LW3B and LW4B to avoid mining directly under Dog Trap Creek.

Figure 2: Tahmoor South Mine Plan



What is Subsidence?

Mine subsidence refers to any surface ground movements associated with underground mining. Typically, mine subsidence refers to a vertical movement at a particular point. This occurs when material is removed from an underground mine and the earth above the mine adjusts to the altered landscape. Figure 3 below demonstrates a cross view of mine subsidence effects.

The amount of subsidence varies across the area mined beneath, with greatest subsidence occurring towards the centre of the mined area, and gradually reducing to outside the mined area. If subsidence occurs uniformly across an area, it is unlikely that any impacts would be noticed. However, differential subsidence results in tilting and bending of the ground. These differential movements can result in mine subsidence-related impacts to surface features.

Mine subsidence commonly also results in horizontal movements. Differential horizontal movement causes ground strain. Small horizontal movements may be experienced at points on the surface that are some distance away from the mining activity.

Types of Subsidence

Mine subsidence movements can be described using the following parameters:

Vertical Subsidence – this is the lowering of the land and all surface infrastructure. If the infrastructure lowers by the same amount, it would have little or no effect on the structure, unless it is located in a flood prone area. Subsidence develops very gradually, and it is not readily apparent.

Tilt – a small change of slope on the surface arising from the surface lowering unevenly. Generally tilt does not lead to structural damage.

Strain – the tensile stretching or comprehensive squeezing of the land surface as it lowers to the new level, relative to the land surrounding it.

Curvature – the bending of the land surface as it lowers to the new level.

What does this subsidence mean at the surface?

Subsidence can result in a change to surface and sub-surface conditions. The effects of subsidence may not be noticeable because the undulation of the natural surface is much greater and tends to mask subsidence movements.

The level of impact that can occur to surface and sub-surface features depends on the magnitude of movement that occurs, and the sensitivity of each feature to these movements. Some features, such as houses, can be sensitive to ground tilt, curvature and strain.

Regulations

Mine subsidence is tightly regulated in NSW. During the assessment of the Tahmoor South longwalls the potential impacts of subsidence on surface features are to be assessed, including impacts on man-made features (e.g. buildings, pipelines, dams and bridges) and natural environmental features (e.g. rivers, cliffs, aquifers and ecosystems). Extraction Plans must be prepared and approved, outlining what management techniques will be used to keep impacts within acceptable levels.

Many government agencies are involved in the approval of an Extraction Plan including the NSW Department of Planning, Industry & Environment. This provides a whole-of-government approach, which allows all mine subsidence related issues to be considered in the process.

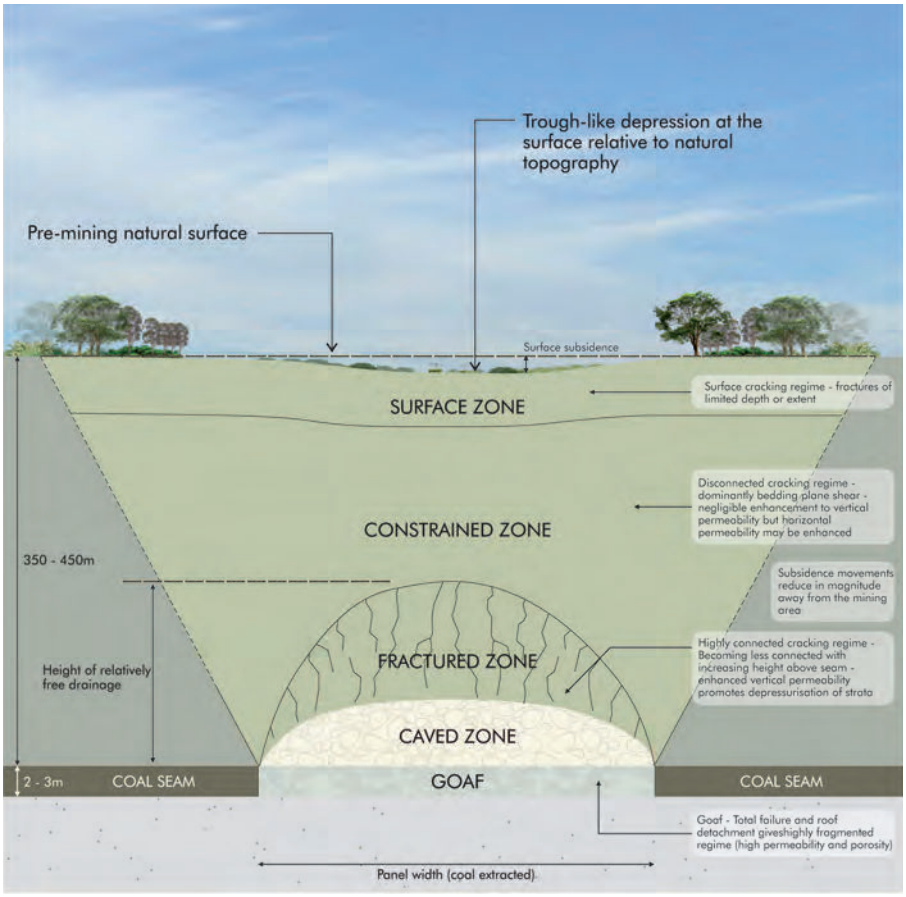


Figure 3: Cross view mine subsidence effects

Subsidence Management

Potential impacts from subsidence have been successfully managed by Tahmoor Coal for many years, including the Main Southern Railway, Picton Industrial Area, houses, shops, agriculture and infrastructure such as water, gas, power and telecommunications infrastructure. Subsidence can be managed in a number of ways, including;

- Mine Design;
- Pre-mining strengthening works;
- Monitoring during mining; and
- Post subsidence remediation works.

Subsidence Impacts from Tahmoor South Longwalls

Tahmoor Coal has previously mined longwalls 22 to 32 beneath the township of Tahmoor, Thirlmere and Picton, and observed subsidence impacts between 0.6m to 1.2m.

Following the completion of the Western Domain longwall mining in Picton, mining of Tahmoor South Longwall 1A is expected to commence in the Bargo area in October 2022.

The predicted maximum subsidence for the Tahmoor South longwalls is between 0.8m to 1.6m. Extensive ground monitoring and surveys will be undertaken before, during and after mining.

Possible Impacts on Houses & Other Structures

Vertical subsidence is the lowering of the land and the buildings on it. If a whole building lowers by the same amount, it has little or no effect on the building itself. Vertical subsidence varies from very small amounts (less than 20mm) more than 250m away from a mining area, to a maximum of about 1600mm near the middle of a longwall. These changes result in slight tilting and bending of the land and the buildings on it, as well as stretching and compressing.

These changes develop very gradually over many weeks, and they are not readily apparent to the naked eye.

The variation in subsidence movements does, at times result in impacts to houses and other structures, mainly in the form of cracks. The way a structure has been designed and built (for example, wooden house on piers or double brick on a concrete slab) will determine what impact subsidence may have on a structure.

Figure 4: Typical cross section of longwall and mine subsidence

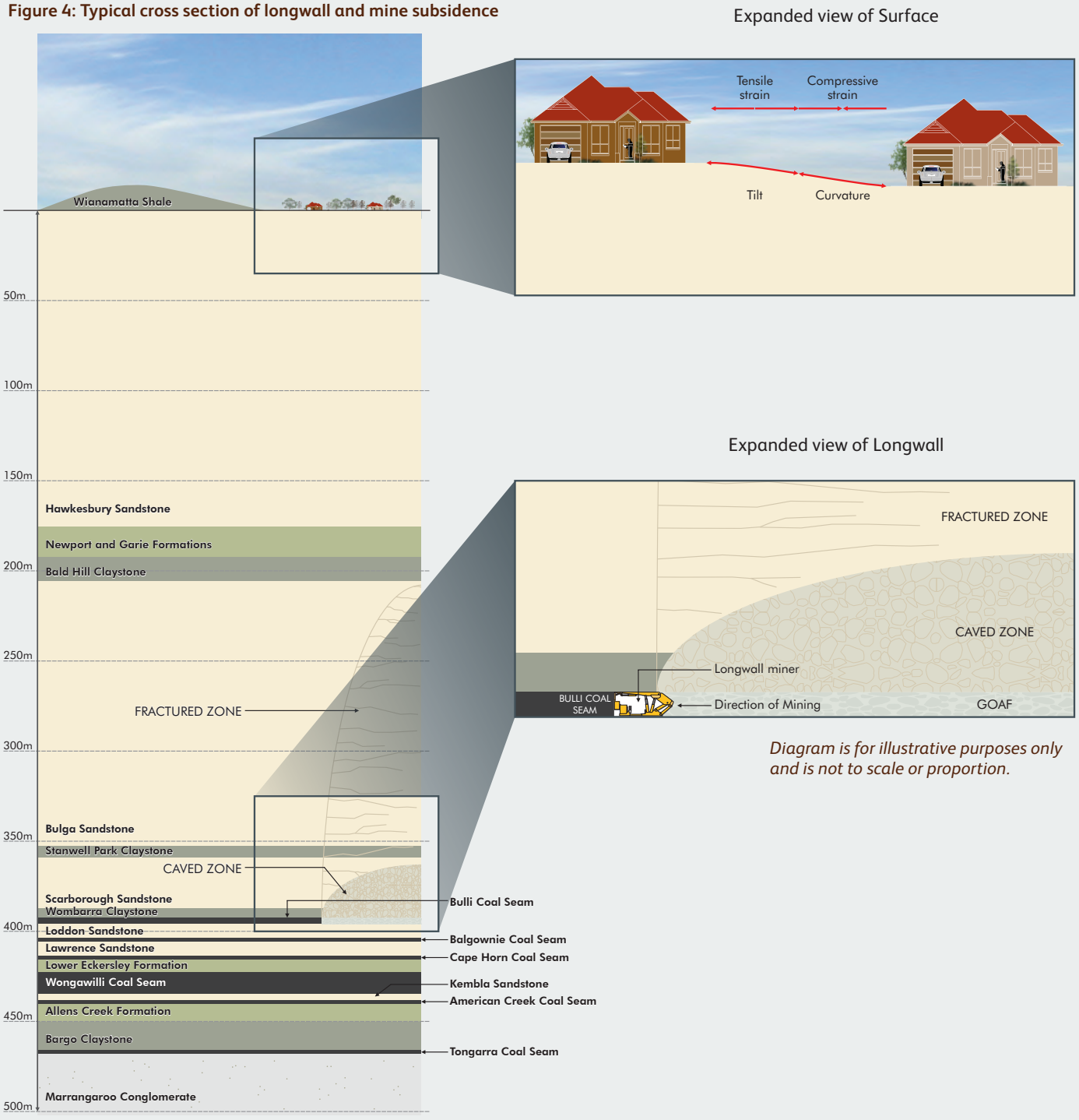


Diagram is for illustrative purposes only and is not to scale or proportion.

Subsidence Monitoring and Management

Tahmoor Coal has previously directly mined beneath or adjacent to more than 1,900 houses and civil structures, commercial and retail properties, the Main Southern Railway and local roads and bridges. Tahmoor Coal has implemented extensive measures prior to, during and after mining to ensure that the health and safety of people have not been put at risk due to mine subsidence. Management strategies for the successful mining beneath structures include:

- Regular consultation with the community before, during and after mining;
- Site-specific investigations for identified properties;
- Implementation of mitigation measures as suggested by specialist engineers;
- Ground surveys along streets; and
- Detailed visual inspections.

Tahmoor Coal has engaged a team of specialists to visually inspect, monitor and survey surface and below surface infrastructure to not only ensure there is no risk to public safety but also monitor change and discuss any concerns residents may have. Our dedicated team includes:

- Mine Subsidence Engineers;
- Structural Engineers;
- Geotechnical Engineers;
- Environmental Specialists;
- Surveyors; and
- Building Inspectors.

Pre-mining inspection

Tahmoor Coal encourages property owners in areas where underground mining is planned in the near future to have a Pre-Mining Inspection (PMI) carried out on their property.

PMIs are free of charge and facilitate a straight forward claims process if a property is impacted by subsidence.

The purpose of a PMI is to determine the condition of a property prior to mining. PMIs are an added protection for property owners to ensure they receive adequate compensation to return their property to its pre-mining condition should it be impacted by subsidence.

The inspector undertaking the PMI will document the condition of the property using photographs and survey levels. Once completed property owners are given a copy of the PMI detailed report. This report can be used as a reference to identify potential damage once mining has occurred.

Property Hazard Inspection

The *Work Health and Safety (Mines) Regulations 2014*, in relation to subsidence, requires Tahmoor Coal to identify and control hazards that may cause harm to people from subsidence. Tahmoor Coal risk management process includes hazard identification via a preliminary risk screening process that involves a visual inspection of each property within the active subsidence area from publicly accessible viewpoints and a more detailed property hazard inspection, where the consent of the property owner is provided.

Tahmoor Coal offers all property owners within the active subsidence area, a free property hazard inspection that will be undertaken by a qualified structural engineer.

How to request a pre-mining inspection and a Property Hazard Inspection

To request a PMI and/or a Property Hazard Inspection simply contact Tahmoor Coal. An inspection time will then be arranged.

Subsidence Damage

The signs of mine subsidence damage to buildings and other structures can range from cracking to walls and jammed doors to more significant structural issues. Generally, buildings damaged by mine subsidence remain safe and serviceable until they are repaired.

The extent of damage will vary depending on the location of the building in proximity to the mine workings and other subsidence related factors.

Duty to Disclose

Impacts to property improvements are covered by the *Coal Mine Subsidence Compensation Act 2017*, however, please consult with your insurance agency and mortgagee to determine if you have an obligation to disclose to them that mining will occur beneath your property.

Under the *Mining Act 1992*, Tahmoor Coal is responsible for providing compensation to property owners for compensable loss with the exception of compensation provided by Subsidence Advisory NSW (SA NSW). This means that Tahmoor Coal has the responsibility for providing compensation for impacts caused by mining within the Tahmoor Mining Leases upon property features that are not man-made. These features can include but are not limited to:

- **Surface of the land;**
- **Crops, trees, grasses and other vegetation;**
- **Stock;**
- **Other business usage; and**
- **Surface drainage.**



Subsidence Advisory NSW

Subsidence Advisory NSW (SA NSW) is the NSW Government Agency responsible for administering the *Coal Mine Subsidence Compensation Act 2017*. SA NSW has two core functions:

1. To provide compensation or manage the provision of compensation where surface developments are damaged by mine subsidence following extraction of coal or shale in NSW; and
2. To regulate surface development within mine subsidence districts to reduce the risk of mine subsidence damage.

SA NSW provides expert advice to property owners, government departments, councils, community organisations and industries within coal mining areas of NSW. This advice aims to provide compatibility between surface development and underground mining.

Changes to the Mine Subsidence Compensation Act 1961

Changes to the mine subsidence system in NSW took effect from 1 January 2018 following a review of the former ***Mine Subsidence Compensation Act 1961***. The changes make the mine subsidence compensation processes easier for property owners and provide a more equitable model for mining.



Figure 5: Mine Subsidence Claims Process

Subsidence Advisory NSW's online portal

SA NSW has an online portal for end-to-end management of claims, building and subdivision applications.

You can use the portal to lodge, track and manage compensation claims for subsidence damage and applications to build or subdivide in mine subsidence districts. Find out more at www.subsidenceadvisory.nsw.gov.au.

Claiming compensation for subsidence damage

If your home or structure is impacted as a result of subsidence your rights are protected under the *Coal Mine Subsidence Compensation Act 2017.*

An overview of the claims process is shown in Figure 5 above.

Subsidence Advisory NSW

www.subsidenceadvisory.nsw.gov.au

Picton Office
99 Menangle Street, Picton NSW 2571
PO Box 40, Picton 2571

Phone 02 4677 6500

Hours 8.30am-4.30pm Mon-Fri

24 Hour Emergency Call
1800 248 083

A free confidential counselling service is available for residents impacted by mining. For further details please contact Tahmoor Coal **(02) 4640 0100.**

Frequently Asked Questions

How do I find out when mining is occurring near my property?

To receive regular mining updates please contact Tahmoor Coal to be placed on our contact database.

What if I am a tenant?

If you are a tenant, please make sure you keep your landlord or managing agent informed if you notice any changes to your property that may be from mine subsidence.

Alternatively, if you receive information regarding your property from either Tahmoor Coal or SA NSW and you are a tenant please forward the information onto your landlord or managing agent.

It is important that not only the tenant receives information, but the owner and / or Managing Agent is also kept informed about mining operations.

What are the advantages of a pre-mining inspection?

The purpose of a PMI is to determine the condition of a property prior to mining. PMIs are an added protection for property owners to ensure they receive adequate compensation to return their property to its pre-mining condition should it be impacted by subsidence.

How do I arrange a pre-mining inspection?

To request a PMI simply contact Tahmoor Coal.
An inspection time will then be arranged with you.

What if I don't have access to the internet or a computer to lodge a claim online?

SA NSW will continue to accept claims for compensation and development applications in hardcopy. You can lodge hardcopy applications with SA NSW over the counter at its Picton office or via post.

Who manages my claim?

All claims are managed by a SA NSW Case Advisor who will provide property owners with focused support and a dedicated point of contact throughout the process.

What happens if the mine ceases to operate?

If the mine ceases to operate, claims for compensation would continue to be managed in accordance with the CSMC Act.

Mining companies are required to pay levies into a Coal Mine Subsidence Compensation Fund which is managed and controlled by SA NSW. Levy amounts are estimated and paid annually, with the value based on coal extraction rates. Any subsidence-related compensation to home owners would be paid by SA NSW via the fund, ensuring security to home owners, irrespective of the mine company financial status.

There is also a rehabilitation security deposit held by the Resources Regulator for Tahmoor Coal (as is required of all title holders), that ensures adequate funds are available to complete rehabilitation and subsidence repairs in the unlikely event of unexpected closure of the mine.

How to stay in touch & up to date with the latest information

Contact Us: 02 4640 0100 (within office hours)
1800 154 415 (after hours)

Email: tahmoorenquiries@simecgfg.com

Web: www.tahmoorcoal.com.au

Tahmoor Coal Environment and Community team:

- Zina Ainsworth
  Environment & Community Manager
- Amanda Bateman
  Community Liaison Specialist
- Ross Barber
  Project Manager
- April Hudson
  Approvals Specialist
- Thomas O'Brien
  Environmental Specialist

Emergency Numbers

Fire 000
Ambulance 000
Police 000
Gas 131 909
Electricity 131 002
Sydney Water 131 090
Telstra 132 203