



LW26 Tahmoor Town Centre SSSMP Review Minutes from Meeting

Date: 22 December 2010

Time: 8:35am to 9:50am

Present:

NAME	ATTENDANCE	ORGANISATION
Belinda Clayton (BC)	✓	Xstrata Coal Tahmoor Colliery
Daryl Kay (DK)	✓	MSEC
John Matheson (JM)	✓	John Matheson & Associates
Diane Lange (DL)	✓	Tahmoor Town Centre

Diana

Introduction

The purpose of this meeting was to review the current management plan, entitled *Tahmoor Colliery Longwalls 25 to 26, Tahmoor Town Centre, Surface Safety and Serviceability Management Plan, Revision E*, in light of the experiences observed during the mining of Longwall 25, and consider whether any amendments are required to the measures described for managing the potential for impacts to the Tahmoor Town Centre during the mining of Longwall 26.



Tahmoor Town Centre (TTC) is located between Longwalls 24A and 24B and to the side of Longwall 25. The closest distance between Tahmoor Town Centre and the edge of the extracted Longwall 26 is approximately 300 metres.

Minutes

1. Review of Longwall 25

- 1.1 A review was undertaken of the subsidence movements and impacts observed during the mining of Longwall 25. While observed impacts were more numerous than were expected, the majority of the impacts were minor in nature and none seriously affected the structural integrity of the TTC buildings.
- 1.2 The columns of the petrol station awning experienced differential horizontal movements, resulting in unsightly bending of the columns. The awning location is roughly aligned with the measured increased compressive ground strains and surface bumps on Abelia Street and at the roundabout at the corner of Thirlmere Way and Remembrance Drive. The columns were re-set at their bases and this work resulted in the greatest inconvenience to the shopping centre.
- 1.3 The management plan was reviewed and it was agreed that the measures in the plan were adequate. The flexibility in the plan allowed the Structures Response Group to consider additional management measures as required.

2. Review of subsidence management measures for Longwall 26

- 2.1 It was agreed that the current management plan (Rev E) is adequate for managing the potential impacts to the TTC and does not need to be revised. It was also agreed, however, to undertake some additional management measures. The additional measures are described below in the minutes. Furthermore, details concerning the timing of some key management measures were clarified at the meeting and these are described below in the minutes.
- 2.2 It is understood that mining has taken longer than expected and stated in Section 1.7 of the plan, but the management plan remains in force until the end of mining of Longwall 26 and for sufficient time thereafter to allow for completion of subsidence effects.



- 2.3 It is understood that Longwall 26 has been shortened since the management plan was prepared, but this has little effect on the potential movements and impacts on TTC.
- 2.4 Drawings MSEC446-00-01 and 446-00-02 were reviewed, where it was noted that the TTC is expected to experience additional subsidence ranging from 200 mm near the KFC corner at the intersection of Thirlmere Way and Remembrance Drive, to 50 mm at the south-western end of York Street near the loading dock.
- 2.5 Agreed that ground surveys of streets will be weekly when TTC is within the active subsidence zone, as per the current management plan. Expect that weekly surveys will commence when the length of extraction is approximately 300 metres, where the longwall face will be directly beneath the bend in Tahmoor Road.
- 2.6 Agreed that basement width and length surveys will be weekly as per the management plan after 300m of extraction (as per ground surveys).
- 2.7 Agreed that visual inspections of the TTC will be at a **greater frequency** than currently described in the Management Plan. Inspections to commence weekly after 300m of extraction (as per ground surveys) but then increase to two times a week (Mondays, and either Wednesdays or Fridays) once the longwall face is square with TTC. This occurs after approximately 470 metres of extraction.
- 2.8 Agreed that John Schwarz will conduct an end of LW25 inspection of TTC to provide a baseline for Longwall 26, as per the management plan.
- 2.9 Agreed that **new additional survey method** will be installed and surveyed during mining of Longwall 26. L&H will install additional survey marks and monitor the differential movement of the bases of the columns of the petrol station awning, and also monitor points on the canopy. The survey marks will be sighted from a location outside the petrol station. The survey will be conducted on a weekly basis after 300m of extraction (as per ground surveys). The surveys will improve the management of potential extra impacts to this awning during the mining of Longwall 26, potentially allowing for measures to be undertaken without less inconvenience to the operation of the petrol station.
- 2.10 It is noted that Woolworths Caltex Tahmoor have installed additional measures to monitor the integrity of the petrol tanks and this information can be provided to Tahmoor Colliery during mining.



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- 2.11 Agreed that hire of equipment and props will be undertaken prior to LW26 approaching within 200 metres of the TTC, as per the management plan.
- 2.12 Tahmoor Colliery will make contact with Kentucky Fried Chicken and Woolworths Caltex Tahmoor (petrol station). Contact for Kentucky Fried Chicken is Craig Bothwell (Director) 0433 100 205, email craigbothwell@mykspen.com.au. The contact for Woolworths Caltex Tahmoor is Robert Chung 88851817.

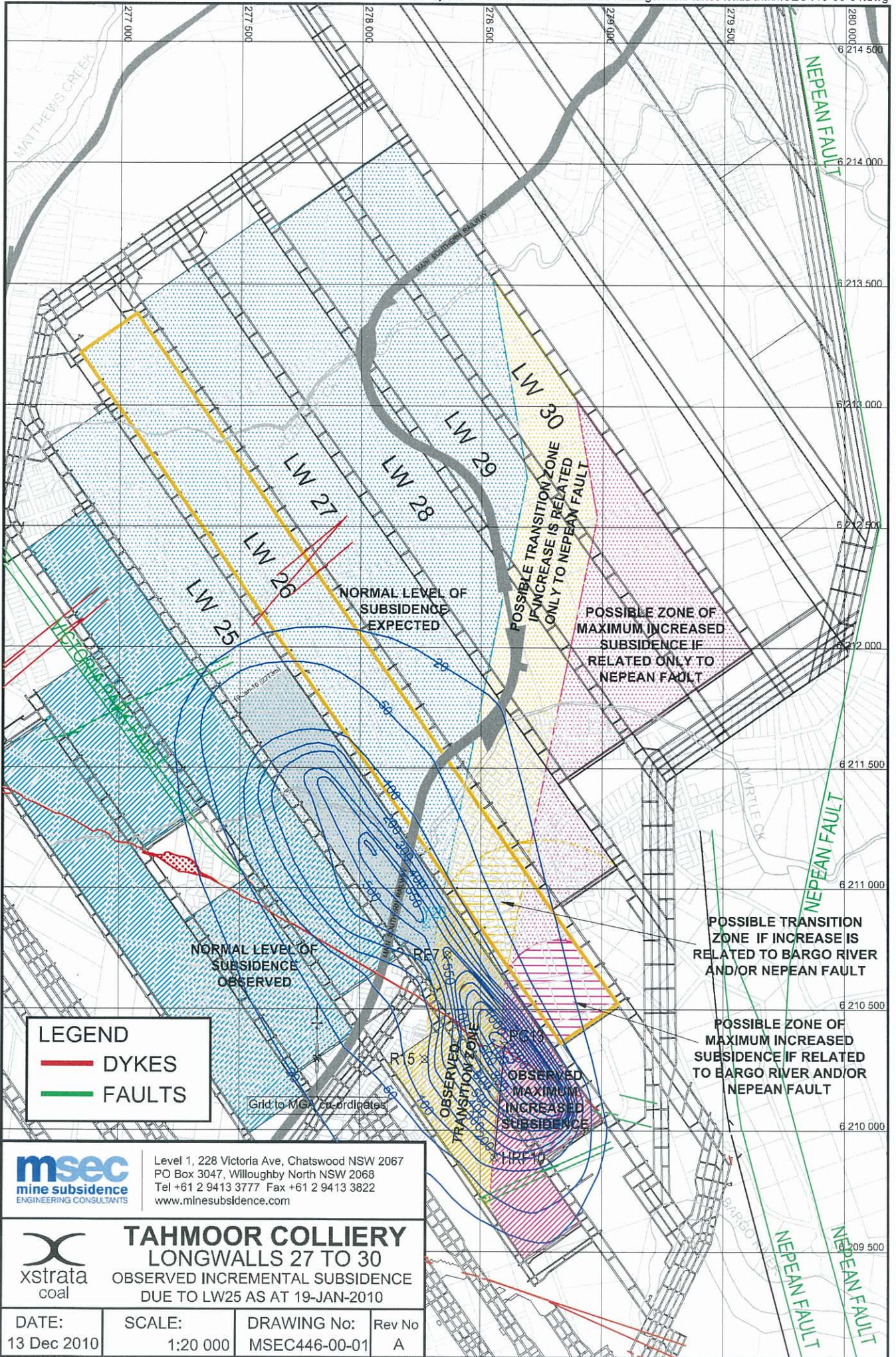
Please confirm your acceptance of these minutes by signing and returning by fax to
(02) ~~46 400 100~~. 4640 0140

Handwritten signature of Ian Sheppard in blue ink.

Ian Sheppard
Environment and Community Manager
Xstrata Coal Tahmoor Colliery

Handwritten signature of Diana Lange in blue ink.

Diana Lange
Centre Manager
Tahmoor Town Centre



LEGEND

- DYKES
- FAULTS

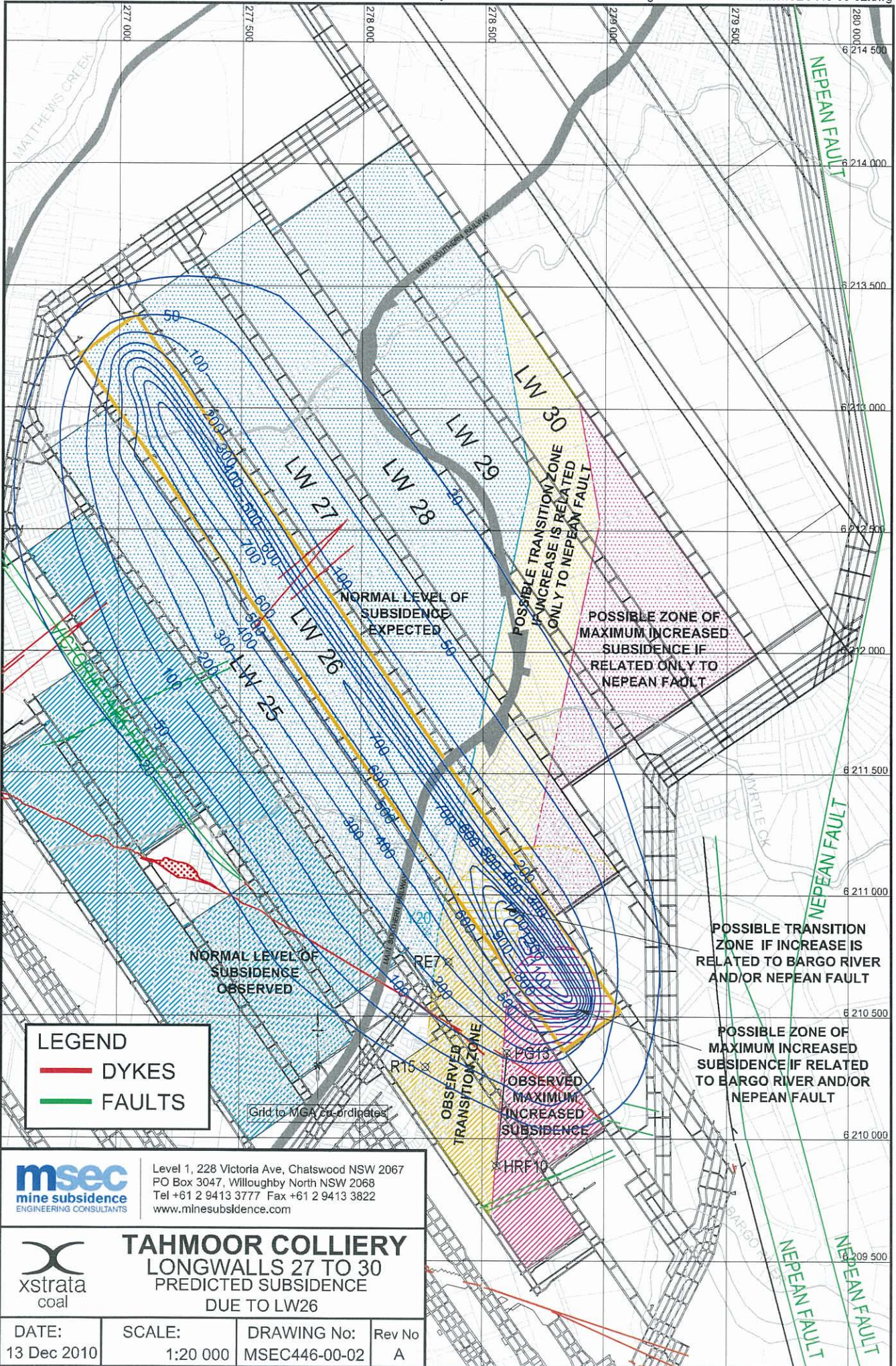


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TAHMOOR COLLIERY
LONGWALLS 27 TO 30
 OBSERVED INCREMENTAL SUBSIDENCE
 DUE TO LW25 AS AT 19-JAN-2010

DATE: 13 Dec 2010	SCALE: 1:20 000	DRAWING No: MSEC446-00-01	Rev No: A
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LEGEND

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TAHMOOR COLLIERY
LONGWALLS 27 TO 30
PREDICTED SUBSIDENCE
DUE TO LW26

DATE: 13 Dec 2010	SCALE: 1:20 000	DRAWING No: MSEC446-00-02	Rev No A
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