



EBA20-00109

Mandana Mazaheri
Mandana.mazaheri@planning.nsw.gov.au

Dear Mandana,

RE: BAYSWATER WATER AND OTHER ASSOCIATED WORKS PROJECT; VARIOUS LOTS AT LIDDELL SSD 9697; EBA20-00109

REQUEST FOR COMMENT

Thankyou for the opportunity to provide comment on the proposal.

Under the Coal Mine Subsidence Compensation Act 2017, surface development within a mine subsidence district requires the approval of Subsidence Advisory NSW.

The part of the site within the Patrick Plains mine subsidence district is covered by current coal titles including; AUTH0385, ML1359, ML1595, ML1398, EL6594. Other lease titles may also be current.

The pipeline route within the mine subsidence district is undermined in several seams.

- Liddell seam.
- Barrett seam.
- Bayswater seam.
- Pikes Gully seam.
- Pikes Gully Lower seam.

Some of the mining is historic and may be inaccurate in terms of extent of mining as well as the percentage of coal extraction. Several areas are considered at risk of either shallow mine failure (potholes) or pillar failure. Pillar failure could cause widespread subsidence that may affect surface or shallow buried infrastructure.

SA NSW recommends that a full desktop geotechnical study be undertaken of the recorded workings to determine the risk of subsidence to the development. The risk and consequences should then be incorporated into any structural design.

Please note that the references to the Mine Subsidence Compensation Act 1961 in Section 3.14 of the EIS document are out of date. The current act is the Coal Mine Subsidence Compensation Act 2017. Erection or alteration of surface improvements or subdivision of land is covered under Section 22 of the Coal Mine Subsidence Compensation Act (2017).

Should you have any questions about this matter, I can be contacted by phone on 02 4908 4300 or via email subsidedevelopment@customerservice.nsw.gov.au.

Yours faithfully,

Melanie Fityus
Senior Risk Engineer
30/06/2020