

Attention: Jess Watson
Via: Major Projects

RE: Lake Lyell Pumped Hydro Energy Storage Project (SSI-77018220)

Dear Jess Watson

Thank you for providing Subsidence Advisory the opportunity to provide advice on the above project.

The only part of the project area located within a declared Mine Subsidence District is the 'Alternative Town Accommodation' located off Silcock Street in Lithgow.

Development within a Mine Subsidence District requires approval by Subsidence Advisory as specified in the *Coal Mine Subsidence Compensation Act 2017* (the Act). Districts may change over time. All changes are published on the NSW Planning Portal. For more information, please visit www.nsw.gov.au/subsidence-advisory/districts.

Our records indicate the Alternative Town Accommodation project area is undermined by historic mine workings in the Lithgow Seam at approximately 10 to 40m depth of cover with a shaft also present.

Should future development be proposed for the Alternative Town Accommodation project area, a geotechnical desktop report should be commissioned in order to characterise the risk of mine subsidence to proposed works. Geotechnical reports are to be prepared by a consultant with demonstrated experience in mine subsidence assessments from our list of suitably qualified geotechnical practitioners. This list can be provided on request.

In accordance with Subsidence Advisory's development assessment policies, an application consistent with the Alternative Town Accommodation may require grouting of the mine workings to remove the risk of mine subsidence. It is also likely both infrastructure and other surface development would be required to be designed to accommodate potential subsidence impacts.

Development and subdivision applications are assessed in accordance with the Surface Development Guidelines, Merit Assessment Policy and Subdivision Assessment Policy available at <https://www.nsw.gov.au/subsidence-advisory/development>

Please note: This advice does not constitute an approval. An individual assessment of applications will be required upon formal lodgement of a building or subdivision application.

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

Sincerely,



Shane McDonald

Senior Risk Engineer