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**Our ref: EOTH22-00297**

Sam Rowe

[sam@mccloygroup.com.au](mailto:sam@mccloygroup.com.au)

Dear Sam

**RESPONSE TO SUBDIVISION/REZONING ENQUIRY – 107 HAUSMANN DRIVE THORNTON – EOTH22-00297**

Thank you for the opportunity to provide comment on the above proposal.

In accordance with the Mine Subsidence Compensation Act (2017), Subsidence Advisory NSW regulates development within mine subsidence districts to help protect homes, buildings and infrastructure from potential subsidence damage.

The site is not within a declared mine subsidence district. Subsidence Advisory NSW does not have legislative power to make determinations on development that is not within a district.

However, the site is known to be undermined by the abandoned Glenvale Colliery which feature shallow workings and several mine entry features. These workings may present a risk to surface development and public safety.

Using the Subsidence Advisory subdivision assessment policy as a guide, the site would be considered at high risk of shallow/pothole subsidence. This would necessitate the removal of the risk by a suitable means such as grouting under all lots, road and public spaces where a sinkhole risk exists. A grout/remediation proposal should be prepared by a geotechnical consultant with experience in mine subsidence assessments. After grouting, the geotechnical consultant should undertake sufficient verification boreholes to ensure that the intent of the grout plan has been met and that the risk of pothole subsidence has been effectively eliminated.

Where a trough subsidence risk exists, the geotechnical consultant should provide estimated subsidence impact parameters. All infrastructure associated with the subdivision works should be designed to accommodate the estimated parameters.

Construction over mine entries or shafts should not be permitted unless the risk has been eliminated.

Subsidence Advisory NSW would be happy to review reports and provide advice to you or Council regarding the adequacy of any geotechnical investigation or remediation strategy prepared for the site.

If you have any queries concerning this matter, please contact Senior Risk Engineer, Melanie Fityus via e-mail [subsidencedevelopment@customerservice.nsw.gov.au](mailto:subsidencedevelopment@customerservice.nsw.gov.au) or 4908 4300.

Yours faithfully,



**Melanie Fityus**  
**Senior Risk Engineer**

13 September 2022