



DOC22/113247
Electronic Mail
17 February 2022

Planning and Assessment Division
Department of Planning, Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 2124

Attention: Lincoln de Haas- Environmental Assessment Officer -Lincoln.deHaas@dpie.nsw.gov.au

Dear Mr De Haas

EPA Submissions Report (PAE- 3562551) -Dixon Sands (No.1) Pty Ltd-Haerses Road Quarry corner of Wisemans Ferry Road and Haerses Road, Maroota

Thank you for providing the Environment Protection Authority (EPA) with the opportunity to submit advice for Public Authority Consultation (PAE-35625511). The application is for *DA 165-7-2005 MOD 5 Haerses Road Quarry MOD 5_Mod Report* (the Report) submitted by Umwelt (Australia) Pty Ltd for Haerses Quarry at the corner of Wisemans Ferry Road and Haerses Road, Maroota.

The EPA has reviewed the following documents:

- *Haerses Road Quarry Modification 5 (DA 165-7-2005 MOD 5) Relocation of Site Office, Workshop and Weighbridge* (version 2) – Alex Irwin - Umwelt (Australia) Pty Limited – 4 January 2022
- *Haerses Road Quarry Modification 3 Statement of Environmental Effects* (Final version) - Alex Irwin – Umwelt (Australia) Pty Limited - December 2019

The EPA understands the proposal is for the relocation of:

- an approved site office, workshop, weighbridge; and
- sandstone cutting activities both within the extraction area and relocated workshop.

Dixon Sands Pty Ltd (the Applicant) currently holds Environment Protection Licence No. 12513 for the scheduled activities of extractive activities, crushing, grinding or separating and the recovery of general waste.

The EPA has the following comments and recommendations:

Matters to be addressed prior to determination

1. Noise

The report states that the proposed modification would relocate the approved site office, workshop and weighbridge further from the closest sensitive receivers along Wisemans Ferry Road. As such, it is expected to reduce noise impacts on nearby residents during construction and operation of these facilities.

The report also states that the proposed operation of sandstone cutting saws within the relocated workshop is not expected to increase noise levels at privately-owned receivers, relative to previous modelled predictions for MOD 3.

Furthermore, Dixon Sand Pty Ltd will design, engineer and construct the shed structure (in consultation with a suitably qualified noise specialist) to ensure that it provides the necessary noise

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attenuation to maintain compliance with the existing noise criteria in Condition 3 of Schedule 3 of the development consent.

However the report does state that "Within the extraction area, initial sandstone cutting will occur instead of dozer ripping using a hydraulic saw attachment fitted to an excavator. Noise generated by these are expected to be equivalent or less than the approved dozer ripping within the extraction area. Extend the approved extraction area into a Friable Sandstone Extraction Area and in relocated workshop."

The EPA is concerned that the relocation of quarry activities within the quarry may create noise, vibration and dust impacts for sensitive receptors.

The EPA is also concerned that the modelling used relates to development -modification 3, as such, the modelling may not be sufficient to understand the potential noise, vibration and dust impacts this proposed modification may have.

The EPA recommends the following:

- The impact of noise, vibration and dust on sensitive receptors must be assessed and adequately managed to ensure compliance with both the consent and the EPA's Licence.
- All potential noise, vibration and dust impacts on sensitive receivers must be minimised through the implementation of mitigation measures.
- The Applicant is required to comply with Licence No. 12513 and the EPA specifically highlights Licence conditions L3 " Noise " and O3 "Dust". The EPA will seek to include, if necessary, additional Licence conditions relating to noise, vibration and air monitoring requirements, mitigation measures and limit conditions.

If you have any questions about this request, please contact Rhys Inez on 02 9995 6359 or via email at rhys.inez@epa.nsw.gov.au .

Yours sincerely



17 February 2022

Danielle Playford
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Environment Protection Authority