

10 CONCLUSION

This second scheduled Environmental Impact Assessment (EIA) report has been prepared for the proposed onsite secure landfill (prescribed premise) for the storage of NUF solids at the existing LAMP site located on PT17212 in Gebeng Industrial Estate, Kuantan, Pahang. The secure landfill will cover an area of 39 hectares and located within the eastern sector of the existing LAMP, and has sufficient space to store up to 10 years' worth of the NUF produced from the plant's operations. Whilst this EIA has been prepared for the storage of NUF in a secure landfill, it is only a temporary measure pending commercialisation. Studies including research projects and field studies have been completed on the application of NUF as a soil enhancer and an alternative raw material for the cement industry.

The EIA study has been prepared in accordance to the EIA guidelines published by DOE, and the Terms of Reference (TOR) which was approved by DOE Putrajaya on the 12th February 2019.

The detailed assessment of potential impacts from the Project development encompassed all important environmental aspects, namely geotechnical stability, water quality, groundwater quality, air quality, noise levels, socio-economy and ecology.

The main environmental concerns associated with the Project, are related to geotechnical stability, groundwater contamination and surface water quality. The other areas of potential impacts namely air quality, noise generation, ecology and socio-economy were determined to be not significant. The assessment demonstrate that all the potential impacts to the surrounding environment were predicted to be minimised and mitigated to within acceptable levels and comply with the stipulated environmental standards and guidelines.

Through careful planning and adherence to sound mining practices and design, combined with prudent implementation of all recommended mitigating and control measures, the proposed Project will be able to reduce the predicted adverse impacts to a low level of significance. The Project is also expected to have important economic benefits both locally and regionally.