

Application for extractive industry - Lenane Holdings Pty Ltd

Please find enclosed a plan of the proposed extraction site at Lot 3745, Criddle Rd, Walkaway.

This plan shows

- (a) Existing and proposed contours at 1m contour levels
- (b) The external surface dimensions of the land are 250m x 350m
- (c) The depth of the proposed excavations are < 1m gravel & < 3m sand
- (d) The location of existing and proposed thoroughfares or other means of vehicle access to and egress from the land and to public thoroughfares in the vicinity of the land;
- (e) There are no buildings or other improvements and developments
- (f) There are no existing power lines, telephone cables and any associated poles or pylons, sewers, pipelines, reserves, bridges, railway lines and registered easement or other encumbrances over or in the vicinity of the land;
- (g) There are no existing dams, watercourses, drains or sumps on or adjacent to the land;
- (h) The location and description of existing and proposed fences, gates and warning signs around the land; and
- (i) The location of the areas proposed to be used for stockpiling excavated material, treated material, overburden and soil storage on the land are shown on the attached drawing

Management Plan

Lenane Holdings Pty Ltd proposes to extract and prepare lateritic gravel and fill sand from the applicants own property .This activity would be conducted over the next 5-7years. It is proposed that excavation would begin as soon as possible upon approval from local government.

Geotech work indicates areas of gravel to a depth of 1m and areas of fill sand to a depth of 3m over the proposed area. It also shows topsoil and overburden ranges from 0mm - 300mm, typically sandy topsoil

Excavation would be by means of a dozer, as per industry standards. The material will be screened on site and stockpiled in the existing pit ready for use

Processing would then continue to stockpile approx. 5000m³ and then replenish stockpile depending on demand. Fill sand will be excavated directly from the pit face and loaded for transport. No requirement for stockpiling of sand. The sand pit face will be bunded off to prevent access.

Vegetation will be cleared and stockpiled. Topsoil will be stripped and stored in stockpiles of no more than 1.5m high, ready for re-use.

Access and thoroughfares Access to the site is by means of existing gravel roads which will be extended as required

Vehicle Movement . There will be sporadic traffic movement. The trucks will be tandem axle prime movers and tri axle semi tippers , gross weight 42.5tonnes and configured to local regulations for the relevant route

Should the output reach the annual projection of 5000t , this will equate to 200 truck movements per annum or an average of less than 1 truck / day. A maximum of 5 trucks / day

Improvements There is no intention to construct any buildings or other improvements

Drainage conditions . The land will drain naturally to the east / south-east and run-off will be absorbed by the sandy soil to the down slope side of the pit. The pit will be redesigned to minimize ponding

Sand drift, dust nuisance, erosion, watercourse siltation and dangers to the general public;
The gravel resource is situated on a rocky outcrop and sand drift should be minimal. There are no waterways in this area. Dust control will be by water truck as required. No public access is available. The property gate is locked and appropriate signage is placed at the entry gateway.

Environmental Protection (Noise) Regulations 1997; All equipment will meet the requirements of these regulations. Work will not be conducted outside work time guidelines

Anticipated effect The existing site comprises 8.75 cropping/ pasture paddock, gravel pit. The proposed excavation will have minimal impact on the local environment and land use will return to agricultural after pit closure.

Existing vegetation,. The area is cropping /pasture

Visual impacts The proposed area has low exposure visually and no measures will be taken to screen area during operations of the pit.

Rehabilitation and decommissioning plan

Objectives The entire area will be rehabilitated to enable the land usage to be returned to cropping/pasture and general agriculture on completion of pit life

Restoration and reinstatement of the excavation site will be undertaken progressively

Face and batters will be recontoured to match existing profiles

Topsoil; All topsoil will be stored in low profile stockpiles to minimize seed degradation and wind erosion , The floor of the pit will be contoured to conform with the surrounding area and deep ripped to allow water penetration . The stored topsoil will be re – distributed over the prepared area just prior to the winter growing season and the stockpiled vegetation will be scattered over the topsoil to prevent wind drift. The native grasses will be allowed to propagate on each progressively completed area until the end of the pit life, at which time the entire area will be sown to pasture and returned to agricultural use.

Maintenance of Area The area will be fenced to exclude stock until pasture/ cropping is established