

# Planning Application Information

(To form part of Planning Application)

1.	Assessment Number:	A5918
2.	Property Owner:	Stirling Agricultural PTY LTD (Jeffrey and Katherine Stoney)
3.	Property Location:	Gnowellen
4.	Lot Number:	6211
5.	House Number:	1872
6.	Location Number:	
7.	Nature of extraction (eg. Gravel, Sand, Topsoil, Clay etc):	Gravel

## Works and Excavation Program

8.	Hours of operation/extraction:	7.00am – 6.00pm Monday to Friday 7.00am – 5.00pm Saturday No operations Sunday/Public Holidays
9.	Duration of extraction:	~10 years
10.	<p><i>Is extraction site greater than 1 hectare?</i></p> <p><input type="checkbox"/> - No – Go to 11 Advise pit area and volume only</p> <p><input checked="" type="checkbox"/> - Yes – Advise the following:-</p> <p>The pit area, gravel volumes, sections and the timing of each stage, proposed to be carried out within the extraction</p>	<p>Pit area will be approximately 8ha with approximately 40,000m<sup>3</sup> being extracted. The work will be done in 1ha stages until the 8ha has been completed. First extraction is anticipated to begin during summer 2020/21 with approximately 1 stage being completed every 1-2 years depending on gravel requirements.</p>
11.	<p>Details of the methods to be employed in the proposed excavation and a description of any on-site processing works.</p> <p>Eg: crushing or screening plant</p>	<p>The pits will be ripped, windrowed then crushed by mobile crushing plant. Material that is unable to be crushed shall be removed from site or buried at least 300mm below surface.</p>
12.	<p>Details on depth and extent of the existing and proposed excavation of the site.</p>	<p>Gravel testing indicates gravel to be approximately 0.4-0.8m thick with 100-200mm topsoil. Site to be excavated to a depth of between 0.5-1m.</p>
13.	<p>An estimation of the depth and description of the quantity and nature of overburden to be</p>	<p>The site will be cleared of topsoil to a depth of no less than 150mm and the material will be stockpiled onsite for rehabilitation. The material to be stockpiled consists of</p>

	stockpiled	soil and grasses.
14.	A description and means of access to the excavation site and description of haul routes to be constructed.	Access to the site will be via an existing track onto Gnowellen Road. See attached map for access point and haul route to excavation site. Haul track to be maintained by the City of Albany.
15.	Details of the proposed number, size or classification of trucks entering and leaving the site each day including the route or routes to be taken by those vehicles.	During a gravel road re-sheet, 4 trucks are used (semi with pig trailer) which achieve 10 loads each per day. During the majority of the year only occasional trucks will access the site. Gravel from this location will be used for gravel road maintenance in the immediate area and therefore truck routes will vary.
16.	Details of drainage conditions applicable to the land and methods by which the excavation site is to be kept drained.	The natural fall of the land will provide adequate drainage of the pit floor.
17.	<p>Are any of the following applicable to the site</p> <p><input checked="" type="checkbox"/> <i>Dust Nuisance</i> -</p> <p><input type="checkbox"/> <i>Erosion</i></p> <p><input type="checkbox"/> <i>Watercourse Siltation</i></p> <p><input checked="" type="checkbox"/> <i>Danger to general public</i></p> <p>If yes to any of above:-</p> <p>Select or provide additional description of measures taken to minimise.</p>	<p><u>Dust Nuisance</u></p> <p>Given the site is located in a large open area dust nuisance is unlikely. Wind conditions will be assessed during crushing operations.</p> <p><u>Danger to General Public</u></p> <p>The pit is located well inside a fenced property. Warning/danger signs are erected during crushing operations advising against unauthorised entry.</p>
18.	<p>Are there residences within 300m of extraction site?</p> <p><input type="checkbox"/> <i>No – Go to 19</i></p> <p><input checked="" type="checkbox"/> <i>Yes – Advise the following:-</i></p> <p>Description of measures to be taken to comply with Environmental Protection (Noise) Regulations 1997.</p>	The nearest residence is approximately 600m from the proposed pit.
19.	<p>Is there remnant vegetation and/or watercourses found on the property?</p> <p><input type="checkbox"/> <i>- No – Go to 21</i></p> <p><input checked="" type="checkbox"/> <i>Yes – Advise the following:</i></p> <p>A description of the existing site environment and a report on the anticipated effect that the proposed excavation will have on the environment in the</p>	No remnant vegetation will be cleared as part of this application. The excavation site is not near a water course and is not expected to have any impact on the environment.

	vicinity of the land.	
20.	<p>Is there existing vegetation shrubs and trees within the extraction site</p> <p><input checked="" type="checkbox"/> - No – Go to 22</p>	
21.	<p>Description of methods by which existing remnant vegetation is to be cleared and topsoil/over burden removed for stockpiled.</p>	N/A
22.	<p>Is the pit to be open for longer than 3 months?</p> <p><input checked="" type="checkbox"/> - Yes – Advise the following:-</p> <p>A description of the measures to be taken in screening the excavation site, or otherwise minimising adverse visual impacts, from nearby roads or other areas.</p>	<p>Yes. The proposed site is not visible from the road as it will be screened by natural vegetation in the road reserve.</p>
23.	<p>Buffer exemption –</p> <p><input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> - Yes – give details</p> <p>A relaxation of the Extractive Industry Boundary set back requirement is sought for this application to take advantage of valuable gravel sources located within this area.</p>	

Note: Points 8 – 22 to form Works and Excavation Programme

## Rehabilitation and Decommissioning Program

1.	Indicate the objectives of the programme, having due regard to the nature of the surrounding area and the proposed end-use of the excavation site.	The objective is to return the land to its existing use being cropping/grazing.
2.	Indicate whether restoration and reinstatement of the excavation site is to be undertaken progressively or upon completion of excavation operations.	Restoration and reinstatement of the excavation site is to be undertaken on completion of each 1ha stage.
3.	Indicate how each face is to be made safe and batters sloped.	The side slopes shall be incorporated into the shaping operation and upon completion of each section shall be no steeper than 1 vertical to 5 horizontal
4.	Indicate the method by which topsoil is to be replaced and revegetated.	The replacement of topsoil requires its distribution to a minimum depth of 150mm over the entire pit area and shall include haulage tracks. Steps to minimise compaction of topsoil are to be incorporated. The site will be re-contoured to reflect the surface condition of the pit prior to excavation.
5.	Are there trees and shrubs to be planted and other landscaping features to be developed?  <input type="checkbox"/> - Yes – complete next box:-	No
6.	Indicate how rehabilitated areas are to be maintained.	To be maintained and managed by land owner once area has been successfully rehabilitated.
7.	Is a Weed Management Plan to be implemented?  <input type="checkbox"/> - Yes –	Weed management will be conducted if and when required.
8.	Indicate the programme for the removal of buildings; plant, waste and final site clean up.	All waste to be removed at the end of each day's operation during the excavation and rehabilitation process. Leakage of oil and fuel will be checked for during each day of operation e.g. start-up, lunch and shutdown times.