



Applicant Response to Public Submission Summary

Application details

CPS Number:	6554/1	Applicant:	Mr Shayne Joynson
Property details:	Lot 1 on Diagram 43421 (South West Highway, North Boyanup)		
Proposed clearing amount:	10.7 ha	Purpose of clearing:	Sand extraction

Public Submission Summary

Public Submission	Impacts to be addressed	Applicant's response
1.	(a) The area consists of deep white sand which would be very hard to rehabilitate. Over 30 years ago a small area of land was cleared and this has been seen to be very slow to rehabilitate itself.	<p>Response (a) i, In response to the rehabilitation of Bassendean Soil structures post disturbance. I would like to draw your attention to attached document "Soil management for revegetation of pasture areas on Bassendean type sands". It must be pointed out that since this report was commissioned the rehabilitation plans have altered in as much that the entire site is to be rehabilitated to Die Back tolerant native flora, predominantly Marri/Red Gum and Peppermint trees for the canopy.</p> <p>Response (a) ii In response to the concerns raised regarding the small area of cleared land immediately adjacent to the South Western Highway and its slow progress to self-rehabilitate.</p> <p>We at SJ Road Works offered to rehabilitate this site as part of initial rehabilitation plans for our proposed sand pit sites. Specific to this old site, the processes would have involved the relocation and spreading of the stockpiled top soil which is conveniently stockpiled immediately adjacent to this site.</p> <p>This would be followed by the planting of die back tolerant canopy flora species as well as meso varieties and ground covers.</p> <p>We concur that this site is slow to recover from its initial disturbance.</p> <p>The previous owners of Lot 1 South Western Highway were also issued with an extraction licence by the Shire of Capel. No rehabilitation plan was acted on by the previous property owners. This is evident by the stock piled topsoil adjacent to site and the growth of vegetation protruding from the stock pile.</p> <p>We were informed by the Shire of Capel that to rehabilitate this site would be a waste of time, as Greater Bunbury Scheme includes future widening of the road to such an extent that the new road batter would pass through the middle of proposed rehabilitated site.</p>

<p>1.</p>	<p>(b) It is adjacent to the South West Highway and if cleared there would be a strong possibility of sand blowing across the highway, causing a hazard to traffic.</p>	<p>Response; (b).The drawings attached show the actual location of the sites to be cleared and the less than two hectare increments they are to be cleared in. (Drawings 11443E-CKO05 & 6)</p> <p>Incremental rehabilitation (world's best practice) will follow each individual exhausted sand pit site.</p> <p>A detail of flora species and densities is available upon request.</p> <p>SJ Road Works is located on the western side of the South Western Highway and the sand pit sites are predominantly on the western boundary of lot 1 South Western Highway. (Drawings 11443E-CKO1 & 2)</p> <p>SJ Road Works has a water licence to extract 51500 kl litres annually (copy attached) from the Perth - Leederville aquifer. This water will be used for any possible dust control requirements and to ameliorate any unforeseen issues regarding rehabilitation processes.</p> <p>Historically the prevailing summer winds in this area appear to be easterly. Afternoon sea breezes tend to be from the south west (Bio Diverse Solution) and not directly in the direction of the South Western Highway.</p> <p>Winter conditions, namely rain and minimal evaporation would ameliorate any issues with the unlikely event of sand blowing across the South West Highway.</p> <p>Should sand particles become airborne we have water and the means of applying it to minimize possible impacts.</p> <p>The cleared area at the front of lot 1, (a ii) even in its present state and subject to 30 years of elluvial forces, to the best of our knowledge has not caused any sand related traffic hazards/problems.</p>
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