



Environmental Protection Authority

**EPA REFERRAL
FORM
THIRD PARTY**

**Referral of a Proposal by A Third Party
to the Environmental Protection Authority under
Section 38(1) of the *Environmental Protection Act 1986*.**

PURPOSE OF THIS FORM

Section 38(1) of the *Environmental Protection Act 1986* (EP Act) provides that any person may refer a significant proposal (one that is likely to have a significant effect on the environment) to the Environmental Protection Authority (EPA) for a decision on whether or not it requires assessment under the EP Act. This form sets out the information requirements for the referral of a proposal by a third party.

Referrers are encouraged to familiarise themselves with the EPA's *General Guide on Referral of Proposals* [see Environmental Impact Assessment/Referral of Proposals and Schemes] before completing this form.

A referral under section 38(1) by a third party to the EPA must be made on this form. This form will be treated as a referral even though a third party may not be able to provide sufficient information on the proposal to enable to EPA to make a decision on whether or not to assess the proposal. Generally, the EPA will obtain additional project information from the proponent. The referral form and proponent information will be made available for public comment for a period of 7 days, prior to the EPA making its decision on whether or not to assess the proposal.

CHECKLIST

Before you submit this form, have you

| | Yes | No |
|--|-----|----|
| Completed all applicable questions in the form | X | |
| Completed the Referror's Declaration | X | |

Following a review of the information presented in this form, please consider the following question. (A response is Optional)

DO YOU CONSIDER THE PROPOSAL REQUIRES FORMAL ENVIRONMENTAL IMPACT ASSESSMENT?

YES NO NOT SURE

IF YES, WHAT LEVEL OF ASSESSMENT?

ASSESSMENT ON PROPONENT INFORMATION

PUBLIC ENVIRONMENTAL REVIEW

THIRD PARTY REFERROR DECLARATION (To be completed by the Referror)

I, [REDACTED] submit this referral to the Environmental Protection Authority for consideration of the environmental significance of its impacts.

[REDACTED]

1. PROPONENT, PROPOSAL AND LOCATION INFORMATION

1.1 PROPONENT

| | |
|---|--|
| Name | B & J Catalano |
| Joint Venture parties (if applicable) | Biaggio Rosario Catalano Clem David Catalano |
| Postal Address | South West Highway, Brunswick Junction |
| Key proponent contact for the proposal • Name • Address • Phone • Email | Clem David Catalano 227 Old Coast Road, Australind, 6233 (W): 9726 8100 (M): 0418 931 786 (F): 9726 1575 (E): clemcatalano@catalano.com.au |

1.2 PROPOSAL

| | |
|-------------|---|
| Title | Proposed Hard Rock Quarry, Lot 501 Coalfields Road, Wellington [File: A004761/EX1001] |
| Description | Rural Extractive Industry (Granite) |

1.3 LOCATION

| | |
|--|--|
| Name of the Shire in which the proposal is located | Shire of Harvey |
| For urban areas – • street address • lot number • suburb • nearest road intersection | Certificate of Title: 2530 Folio: 854 Coalfields Road Lot 501 Wellington South Western Highway |
| For remote localities – • nearest town • distance and direction from that town to the proposal site | Bunbury Approximately 25km to the East |

2. POTENTIAL ENVIRONMENTAL IMPACTS

Use the following list of environmental elements to set out your concerns in relation to the potential impacts of the proposal and in explanation of your judgement that the proposal is significant in terms of the *Environmental Protection Act 1986*:

| Element of the environment | Potentially significant impact |
|---|--|
| Flora and vegetation <ul style="list-style-type: none"> • Clearing of native vegetation • Rare or priority flora • Threatened Ecological Communities • Bush Forever | <p>The further clearing of native vegetation including Marri (<i>Corymbia calophylla</i>) on the site will impact upon the vegetation structure, thus affecting the fauna biodiversity.</p> <p>There has been no clear indication by the proponent of the long term impacts upon the regeneration of the area.</p> |
| Fauna <ul style="list-style-type: none"> • Fauna or fauna habitat • Specially Protected (Threatened) fauna | <p>There has been no fauna study conducted by the proponent.</p> <p>The proposed rock quarry will no doubt indirectly affect and contribute to the loss or depletion of biological diversity in the area, due to the further clearing of trees, the pollutants emitted from the mining process and disruption in the food chain.</p> <p>Remnant Marri trees are an important feed source for cockatoos. The proponent has not indicated how this impact on cockatoo populations will be addressed.</p> |
| Rivers, creeks, wetlands and estuaries <ul style="list-style-type: none"> • Proximity of development to waterways | <p>Preventing the disturbance of sub-surface drainage is essential to the maintenance of the wetlands which are distributed throughout the Tynedale Farm. Ground disturbance could result in the interruption of the surface and sub-surface water flow to the wetlands.</p> <p>There is no indication by the proponent exactly what the setback will be from the proposed pit to the creek.</p> |

| | |
|---|--|
| <p>Significant areas and/or land features</p> <ul style="list-style-type: none"> • National Park or Nature Reserve • Environmentally sensitive areas • Significant natural land features (caves, ranges, etc) | <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>The amount of granite to be extracted is immense, and will disturb the levels of the land, thus having a major impact on surface water flow. This may trigger rapid soil erosion and the change in topography could result in a drastic change in drainage pattern.</p> |
| <p>Coastal zone areas</p> <ul style="list-style-type: none"> • Proximity of proposed development to coastal area • Significant landforms, eg beach ridge plain • Mangroves | |
| <p>Marine areas and biota</p> <ul style="list-style-type: none"> • Sensitive benthic communities, eg seagrasses, coral reefs, mangroves • Marine conservation reserves • Recreation or commercial fishing areas | <p>The proposed quarry is upslope of the Collie River. This riparian system is in need of environmental repair which will not be enhanced by nearby mining.</p> |
| <p>Water supply and drainage catchments</p> <ul style="list-style-type: none"> • Proclaimed groundwater or surface water protection area • Underground Water Supply and Pollution Control area • Public Drinking Water Supply Area | <p>Mining activities are well known to affect the flow of surface water and ground water. Ground water is often found in the cracks and fractures of granite and thus is a source of water supply.</p> <p>Despite the fact that the proponent says that the water courses to the east and west will be unaffected by the proposed pit to act as a trap prior to the entry to the natural creeks, it is not guaranteed that all the polluted water will be caught by the pit, nor does it guarantee the water courses will not be altered by digging such a large pit.</p> <p>Water may become a competitive resource if the supply of drinking water is disturbed or polluted.</p> |

| | |
|---|---|
| <p>Pollution – discharge of</p> <ul style="list-style-type: none"> • Noise • Vibration • Gaseous emissions • Dust • Liquid effluent • Solid waste | <p>Although the proponent has mentioned that discharge of dust will be suppressed by wetting down the rock extracted, there still undoubtedly will be dust emitted into the atmosphere.</p> <p>Due to the large scale and size of the operation, the quantities of dust which are likely to be emitted by the detonation of rock, the crushing of the granite, the blue metal and the stacking and cartage thereof the concerns are considerable.</p> <p>The dust would affect any flora or fauna near the site and can be airborne to affect a greater area.</p> <p>The dust would also affect humans as the inhalation of particles in the long term can potentially cause respiratory diseases. In addition dust has the potential to interfere with visibility and travel in the surrounding areas once emitted into the air.</p> <div style="background-color: black; width: 100%; height: 40px; margin: 10px 0;"></div> <p>Other pollution concerns are the use of lubricants and blasting materials which may affect the purity of the water, such as any run off from waste dumps e. g. leakage from waste storage containers, spent water from dust extraction and dust suppressing system and dewatering of mine water [even though it is not anticipated the proponent cannot say with certainty what the procedures will be].</p> <p>There will be a high level of solids in the runoff water. The leachate water can be extremely toxic as it contains heavy metal and thus may pollute ground water if it sinks through the cracks.</p> <p>The noise level will be high due to the drilling, blasting as well as very heavy transport vehicles being operated. The residents and fauna in the surrounding areas will be sensitive to noise and any vibrations felt as a result of the blasting.</p> |
|---|---|

| | |
|---|--|
| | <p>There was a test conducted by the proponents which indicated that their assessable limit of 43 dB is just within the regulatory limit of 45 dB</p> <p>This indicates the extent of noise levels. Even though the noise is not in excess of the limit, this large scale operation is still classified within the upper scales of noise emission.</p> <p>Pollution emitted from the use of heavy machinery and transport vehicles will also be a cause for concern.</p> |
| Greenhouse gas emissions | |
| Contamination | |
| <p>Social surroundings</p> <ul style="list-style-type: none"> • Aboriginal ethnographic or archaeological significance • Site of high public interest, eg recreation, scenic • Goods transport affecting amenity | |