

Planning Scheme Policy 9 Extractive Industry

1.1 Purpose of the Policy

The purpose of this Planning Scheme Policy is to provide a guide to Council's requirements for information that should be included in an application for an Extractive Industry Impact Study.

1.2 Information Requirements

To assist in the assessment process for all Extractive Industries, the following information is to be included in an Extractive Industry Impact Study:

(a) Noise

Provide a detailed noise assessment prepared by a qualified consultant. The assessment should include appropriate solutions addressing the following:

- (i) noise generated from on-site operations;
- (ii) noise survey to identify existing and proposed background noise levels in the surrounding area;
- (iii) vibration generated by blasting; and
- (iv) anticipated truck noise levels on haul routes.

Note: *The use of earth mounding, acoustic fencing and on-site equipment silencing measures are encouraged.*

(b) Air Quality

- (i) Indicate anticipated dust and particulate emission levels at the site boundary.
- (ii) Provide details of buffers on the periphery of the site (including treatment such as planting).
- (iii) The proposed location of equipment and heavy vehicle parking and the distance from surrounding development.
- (iv) Include proposed measures to prevent or minimise environmental nuisance and harm from dust and particulate emissions.

Note: *Existing topographical features may act as visual, dust and noise barriers. Densely vegetated areas are preferred for buffers.*

(c) Site Contamination

Provide details of potential site contaminants to be used in site processes (eg fuel, oil, herbicides, process chemicals), handling procedures, and remediation measures in the event of contamination.

(d) Surface Water

- (i) Provide details of existing and proposed surface water and drainage features (including diversion) and current water quality data (i.e. baseline monitoring) prior to any site disturbance or commencement of operations (to be prepared by a Registered Professional Engineer (RPEQ)).

Note: *Parameters to be investigated should include pH, conductivity, iron, chloride, sulphate and aluminium.*

- (ii) Demonstrate that any fresh surface waters emanating from site operation/extension/disturbance areas accord with ANZECC guidelines.
- (iii) Provide details of site process water use, re-use, storage, supply, drainage, catchment, and supplementing (eg truck, reticulated water) and methods for maintaining adequate water quality on-site, including pH balance and pond destratification, during and following site operations.

(e) Groundwater

- (i) Provide details of site specific groundwater quality, quantity and recharge capacity prior to any site operations.

Note: *Refer to ANZECC water quality guidelines.*

- (ii) Demonstrate that the operation will have no undue deleterious effects upon groundwater quality, quantity, depth or recharge capacity.

(f) Flora and Fauna

Provide an ecological assessment report prepared by a suitably qualified consultant.

Note: The report should be undertaken in accordance with the Ecological Assessment Planning Scheme Policy.

(g) Cultural Heritage

Provide a cultural heritage study prepared by a suitably qualified consultant.

Note: The study should be undertaken in accordance with the Cultural Heritage Planning Scheme Policy.

(h) Haul Routes

- (i) Provide details of haul routes and traffic volumes associated with the proposed activity.
- (ii) Provide details of procedures for cleaning up any material spills on haul routes.
- (iii) Provide details of programs and procedures for haul route maintenance and dust control.

(i) Rehabilitation

Indicate possible site uses following cessation of extractive operations and the means for ensuring that the site is left in a suitable condition for such use.

Historic Version
Caboolture ShirePlan