

Ass # 118

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State # 025



MINISTER FOR ENVIRONMENT

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED (PURSUANT TO THE PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986)

PROPOSED CLAY EXCAVATION ON PT LOT 36, GREAT NORTHERN HIGHWAY, UPPER SWAN

International Brick and Tile Pty Ltd

This proposal may be implemented subject to the following conditions:

1. The proponent shall adhere to the proposal as assessed by the Environmental Protection Authority and shall fulfil the commitments made (copy of commitments attached).
2. For the first twelve months of operation the proponent shall monitor:
 - . the water table at the site of excavation to determine its configuration, seasonal variation of water levels and the effects of the clay excavation on the water table;
 - . the quality and quantity of water flowing in the Great Northern Highway drain and shall correct, to the satisfaction of the Environmental Protection Authority, any detrimental effects due to the clay excavation on Pt Lot 36.

The design of the monitoring programme shall be to the satisfaction of the Environmental Protection Authority and the programme shall be implemented prior to the commencement of operations.

3. The proponent shall undertake appropriate remedial measures to the satisfaction of the Commissioner for Soil Conservation if any localised erosion hazards arise.
4. The proponent shall detain all drainage waters from the excavation area and Coondaree Parade in either the excavated pit or silt traps to be constructed by the proponent. These silt traps shall be designed to assist in the removal of silt prior to discharge to the Coondaree Swamp drain and shall be acceptable to the Environmental Protection Authority.

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5. The proponent shall in liaison with the Department of Conservation and Land Management, ensure that the necessary monitoring of water levels and quality within the Ellen Brook Nature Reserve is undertaken to the satisfaction of the Environmental Protection Authority.
6. The proponent shall prepare a plan in liaison with the Environmental Protection Authority, within twelve months of commencing the operation, which shall provide details of the proposed rehabilitation programme, final contours and end-use. This plan shall be reported as required in condition 8 below.
7. The proponent shall undertake the necessary dust control measures to ensure that dust generation from the excavation area, stockpiles and Coondaree Parade is minimised to the satisfaction of the Environmental Protection Authority.
8. The proponent shall submit a brief report to the satisfaction of the Environmental Protection Authority after twelve months of operation, which shall:
 - . summarise the monitoring results;
 - . provide details of the proposed rehabilitation programme, final contours and end-use;
 - . describe the progress of the vegetation screen; and
 - . discuss any problems associated with environmental management which occurred during the first twelve months of operation.
9. If the Swan Shire Council issues an approval for clay excavation on Pt Lot 36, it shall be for a period not exceeding twelve months in the first instance. Upon reviewing the report to be submitted by the proponent pursuant to condition 8, the Environmental Protection Authority shall advise the Swan Shire Council, the State Planning Commission and the proponent whether continued clay excavation on Pt Lot 36 is environmentally acceptable, and if so, shall specify any further maximum period(s), and environmental management and reporting requirements.
10. Prior to submitting any detailed proposal for Stage 2 to the Environmental Protection Authority as outlined in its Notice of Intent, the proponent shall proceed with the detailed investigations proposed for Stage 2. In particular, the proponent shall ensure that the necessary monitoring of Ellen Brook Nature Reserve, which will contribute to the detailed investigations for Stage 2, is undertaken.

Barry Hodge, MLA
MINISTER FOR ENVIRONMENT

- 6 MAY 1988

ENVIRONMENTAL COMMITMENTS

The following is a list of environmental commitments made by the proponent:

- . Clay excavation on Pt Lot 36 will only proceed during the drier months. That is, under normal operations, the majority of clay will be excavated during the months of October to May inclusive.
- . The loading and transfer operation will be conducted 5 days per week (weekdays) during the hours of 7am to 5pm and will result in approximately six truck movements per hour.
- . Dewatering of the pits will not withdraw any water from the underlying aquifer and therefore will have no effect on the water table levels of the true unconfined aquifer.
- . A network of screen trees will be established to ensure that the clay excavation activities do not impair visual amenity from Great Northern Highway and existing residences on nearby rural landholdings.
- . No long term stockpiles will be utilised on-site.
- . Dust generation from temporary stockpiles will be controlled by watering.
- . A watering truck will be employed on-site if dust generation from the haulage roads proves to be a problem.
- . The primary objective of management works will be the establishment of a network of simple grassed bunds using earth materials derived from the site. The diversion bunds will direct any turbid surface runoff towards the south west, and good quality surface runoff from the eastern side of the lot towards the north.
- . Bunds within the excavation area will be placed so that old working areas are separated from new areas and will not require annual dewatering.
- . Measurement of groundwater levels will be conducted during clay excavation.
- . Observations during periods of heavy runoff will be conducted to determine whether there is significant erosion potential and to establish the suitability of the drainage system in relation to water accumulation in the pits.
- . Following completion of each stage, site rehabilitation will be progressively implemented.
- . Progressive landscaping of the completed pits will establish the vegetative framework required to ultimately transform the area into a high quality small rural water based subdivision. The proponent's landscape consultants will liaise with regulatory authorities as necessary.
- . An investigative programme for Stage 2 of the proposal will be developed in liaison with the Environmental Protection Authority and the Department of Conservation and Land Management.