



GOVERNMENT OF  
WESTERN AUSTRALIA

## **CLEARING PERMIT**

*Granted under section 51E of the Environmental Protection Act 1986*

### **PERMIT DETAILS**

Area Permit Number: 4453/1

File Number: 2011/005788-1

Duration of Permit: From 31 October 2011 to 31 October 2013

### **PERMIT HOLDER**

Gold Estates Holdings Pty Ltd

### **LAND ON WHICH CLEARING IS TO BE DONE**

Lot 14 on Diagram 30747 (Hammond Park 6164)

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 2.27 hectares of native vegetation within the area hatched yellow on attached Plan 4453/1.

### **CONDITIONS**

Nil.

A handwritten signature in black ink, appearing to read 'Kelly Faulkner', written over a horizontal line.

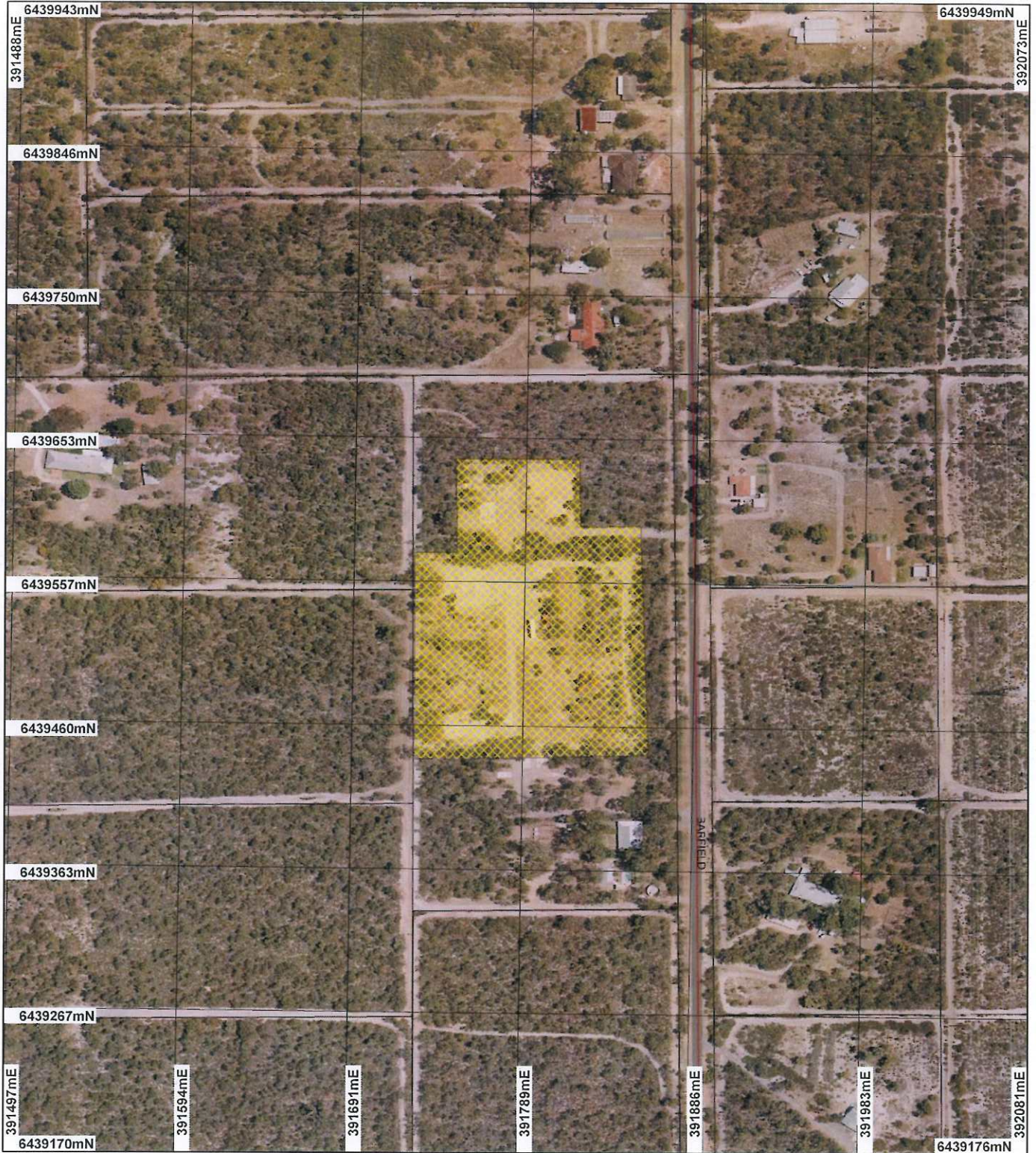
Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20  
of the Environmental Protection Act 1986*

6 October 2011



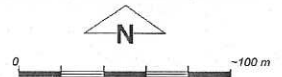
# Plan 4453/1



## LEGEND

- Clearing Instruments**
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre

Perth Metropolitan Area  
Central 20cm Orthomosaic -  
Landgate 2007



Scale 1:3425  
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies

*[Signature]* Date *6/10/11*  
K Faulkner

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of  
**Environment and Conservation**  
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## 1. Application details

### 1.1. Permit application details

Permit application No.: 4453/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Gold Estate Holdings Pty Ltd

### 1.3. Property details

Property: LOT 14 ON DIAGRAM 30747 (House No. 194 BARFIELD HAMMOND PARK 6164)  
Local Government Area: City of Cockburn  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
2.27		Mechanical Removal	Stockpile / Bulk earthworks

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 6 October 2011

## 2. Site Information

### 2.1. Existing environment and information

#### 2.1.1. Description of the native vegetation under application

Vegetation Description	Clearing Description	Vegetation Condition	Comment
The area under application has been mapped as Beard Vegetation Association 1001. Shepherd (2009) describes this Vegetation Association as 'Medium very sparse woodland; jarrah, with low woodland; banksia & casuarina'.	This application is proposing to clear up to 2.27 hectares of native vegetation for the purpose of stockpiling sand for use in a future subdivision.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition of the vegetation was determined via a site inspection (DEC, 2011).
	The majority of the area under application is completely degraded with small patches of vegetation in degraded and good condition (DEC 2011).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	
	The vegetated areas within the application area consist of; <i>Banksia attenuata</i> , <i>Banksia menziesii</i> , <i>Nutsia floribunda</i> , <i>Melaleuca preissiana</i> , <i>Kunzea glabrescens</i> and <i>Adenanthos cygnorum</i> .	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	

## 3. Assessment of application against clearing principles

### Comments

This application proposes to clear 2.27 hectares of native vegetation within Lot 14 on Diagram 30747, Hammond Park, for the purpose of stockpiling sand to be used in the proposed subdivision of Lots 13, 14, 18 Barfield Road and 48-51 Rowley Road, Hammond Park.

The majority of the area under application is in a completely degraded (Keighery, 1994) condition (DEC 2011), as it has been previously cleared and in parts earthworks have been undertaken by the previous owner. Approximately 10 per cent of the application area is in a good (Keighery, 1994) condition, however much of this area contains limited understorey species (DEC 2011).

A Level 2 Flora and Vegetation survey was conducted by Ecoscape (Australia) in October 2008. This survey did not identify any Rare or Priority flora within the application area (Ecoscape (Australia), 2009a).

Numerous fauna species of conservation significance have been recorded within the local area (10km radius) including; Carnaby's black cockatoo (*Calyptorhynchus latirostris*), Forest Red-tailed black cockatoo (*Calyptorhynchus banksii* subsp. *naso*), Quokka (*Setonix brachyurus*) and the Graceful Sun moth (*Synemon gratiosa*). The application area is lacking significant habitat for fauna due its degraded nature. Ecoscape (Australia) were commissioned by the landowner to conduct a Level 1 fauna assessment over the application area. This assessment did not identify any threatened or priority fauna species occupying the study area (Ecoscape (Australia), 2009b).

The clearing as proposed is not likely to cause appreciable land degradation or is it likely to impact on the environmental values of any nearby conservation reserves or wetlands.

Given the relatively small, degraded nature of the proposed clearing and consequently, limited habitat and biodiversity values of the vegetation, the proposed clearing is not likely to be at variance to any of the clearing principles.

**Methodology**   References:  
DEC (2011)  
Ecoscape (Australia) (2009a)  
Ecoscape (Australia) (2009b)  
Keighery (1994)  
Shepherd (2009)

GIS Database:  
- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain  
- Pre European Vegetation  
- SAC Biodatasets - accessed July 2011

### **Planning instrument, Native Title, Previous EPA decision or other matter.**

#### **Comments**

On 29 September 2011 the City of Cockburn issued Planning Approval for the purpose of stockpiling sand for structural fill (City of Cockburn, 2011a)

The City of Cockburn (2011b) has made the following requests in regards to this application:

- Area to be cleared must be clearly demarcated to ensure no areas outside of the permitted area affected.
- Any vegetation cleared must be mulched on site and be made available for future use by the company or offered to the City of Cockburn.
- All habitat logs are stockpiled and made available to the City of Cockburn for use in revegetation.
- The City of Cockburn has access to the site prior to clearing to collect seed opportunistically.

The area under application falls within the Jandakot Groundwater Area which is an area proclaimed under the Right in Water and Irrigation Act 1914.

No public submissions have been received in relation to this application.

**Methodology**   References:  
City of Cockburn (2011a)  
City of Cockburn (2011b)

GIS database:  
- RIWI Act, Groundwater Areas  
- Town Planning Scheme Zones

## **4. References**

- City of Cockburn (2011a) Planning Approval granted for the purpose of stockpiling sand for structural fill (DEC Ref: A436053).  
City of Cockburn (2011b) Environmental and Planning advice for Clearing Permit Application CPS 4453/1 (DEC Ref: A417879).
- DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4453/1, Lot 14 on Diagram 30747, Hammond Park. Site inspection undertaken 1 August 2011. Department of Environment and Conservation, Western Australia (DEC Ref: A418859).
- Ecoscape (Australia) Pty Ltd (2009a) Level 2 Vegetation Survey for Lots 13, 14, and 18 Barfield Road and Lots 48-51 Rowley Road, Hammond Park. Report prepared for Gold Estates Holdings Pty Ltd and the Department of Housing, March 2009 (DEC Ref: A407447).
- Ecoscape (Australia) Pty Ltd (2009b) Fauna Survey for Lots 13, 14 and 18 Barfield Road and Lots 48-51 Rowley Road, Hammond Park. Report prepared for Gold Estates Holdings Pty Ltd and the Department of Housing, May 2009 (DEC Ref: A407447).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P. (2009) Adapted from: Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.

## 5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)