

## Attachment 7 - Siting and Location

Distance to sensitive land uses and specified ecosystems

189 Rosamel Road PARKFIELD WA 6233

**Premises Map 3** – Sensitive land uses & environmentally sensitive receptors depicted below



### Sensitive land uses

**R1:** Resident – 300m southwest of premises boundary

**R2:** Resident – 375m west of premises boundary

### Environmentally sensitive receptors

**ESR1:** Rosamel Wetland (resource enhancement) – 200m west of premises boundary

**ESR2:** Conservation wetland (conservation) – 0 m of eastern boundary

**ESR3:** Leschenault estuary (conservation) – 1km west of premises boundary

## **Attachment 7 - Siting and Location**

*Distance to sensitive land uses and specified ecosystems*

*189 Rosamel Road PARKFIELD WA 6233*

### **Attachment 7: Siting and location**

#### **Site Description/**

The site is under the Shire of Harvey local government and previously operated as Goodchild Abattoir.

The premises is situated within the Kemerton Industrial Zone Buffer Area of the Kemerton Strategic Industrial Area, designated for heavy industry. Due to the premises location within this buffer zone, sufficient separation distances must be maintained and adverse impacts mitigated.

Environmental protection legislation applies (Environmental Protection Act 1986, Environmental Protection Regulations etc.), including licensing via the WA Department of Water and Environmental Regulation (DWER).

The site already has a licence (L5423/1990/15) for Category 15 Abattoir and Category 55 Livestock Saleyard or Holding Pen.

The premises covers an area of approximately **25 hectares**, comprising:

- 9 hectares of native vegetation, and
- 16 hectares of developed abattoir infrastructure and cleared land.

Surrounding land uses include a piggery to the east and land managed by the Department of Biodiversity, Conservation and Attractions.

The region is part of the Swan Coastal Plain systems; soils likely sandy, with superficial aquifer / dune systems in parts. Groundwater levels are at approximately 3-15m below ground level and flow is generally in a westerly direction.

#### **Sensitive Receptors**

A residential subdivision exists southwest of the abattoir (*depicted on Premises map*), with the nearest residences located:

- 300m southwest from the premises boundary &
- 375m west from the premises boundary

#### **Environmental and Surrounding Receptors**

The premises is located in proximity to several environmentally sensitive receptors (*as depicted on Premises map 3*), including:

- Rosamel Wetland – *Environmental Protection Policy (EPP)* wetland located 200m west of the premises boundary.
- Conservation category wetland directly abutting the eastern boundary.
- Leschenault Estuary, also a conservation category wetland, located approximately 1 km west of the premises.

Since this is an existing licensed abattoir, buffer distances to sensitive receivers and environmental features are already relevant, but for any expansion or new works, these need to be evaluated.

Prior to any construction, modification, or operational commencement associated with the premises, a thorough assessment of all potential off-site environmental impacts — including but not limited to odour, noise, dust, wastewater/effluent disposal, and leachate.

Baseline environmental monitoring to cover key parameters such as:

- Ambient air quality and odour at sensitive receptors;
- Noise levels (day, evening, night) at nearest receivers;
- Surface water and groundwater quality;
- Soil quality (background contamination, turbidity, nutrients etc.).

Will be included in works approval application and appropriate control and mitigation measures shall be designed and implemented to prevent or minimise adverse environmental effects.

***Attachment 7 - Siting and Location***

*Distance to sensitive land uses and specified ecosystems*

*189 Rosamel Road PARKFIELD WA 6233*