



<b>Works approval number</b>	W6461/2020/1
<b>Works approval holder</b>	City of Gosnells
<b>Registered business address</b>	2120 Albany Highway GOSNELL WA 6110
<b>DWER file number</b>	DER2018/001042-4~9
<b>Duration</b>	15/09/2021 to 14/09/2025
<b>Date of issue</b>	15/09/2021
<b>Premises details</b>	The City of Gosnells Waste Transfer Facility Kelvin Road, ORANGE GROVE, WA Part Lot 4 on Diagram 16433, Volume 1688, Folio 285; and Lot 241 on Plan 3327, Volume 1031, Folio 307

<b>Prescribed premises category description</b> (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	<b>Assessed design capacity</b>
Category 62: Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use	175,200 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 15 September 2021, by:

**Steve Checker**

**Manager Waste Industries**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

## Works approval history

Date	Reference number	Summary of changes
14/09/2021	W6461/2020/1	Works approval granted.

## Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:
  - (i) if dated, refers to that particular version; and
  - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

# Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

## Construction phase

### Infrastructure and equipment

1. The works approval holder must:
  - (a) construct and/or install the infrastructure and/or equipment;
  - (b) in accordance with the corresponding design and construction / installation requirements; and
  - (c) at the corresponding infrastructure location; as set out in Table 1.
  - (d) Restrict construction hours to between 07:00 am to 05:00 pm Monday to Saturday, excluding public holidays.

**Table 1: Design and construction / installation requirements**

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Waste transfer facility general requirements	Entire area on bunded hardstand. 3x waste transfer facility level separation and retaining walls.  Designed to ensure that putrescible waste is able to be removed offsite on the same day of arrival.  Cover to be installed to all areas where waste transfer operations are undertaken.  All runoff must pass through a gross pollutant trap prior to discharge or further treatment.	Waste transfer Facility Area
2.	Hoppers	2x Hoppers with tamping foot and control station.	Waste Transfer Facility Area
3.	Compactors	2x purpose build waste compactors on stands (Wastech S4000 or S8000 compactor or similar).	Waste Transfer Facility Area
4.	Acoustic fence <sup>1</sup>	Sheet metal acoustic fence sheeting to be minimum 0.34 mm thick, to be continuous for its entirety, allowing for small gaps between the ground and base of the fence, and access gates are acceptable.	designated as 'sheet metal acoustic fence line' in Figure 2
5.	Vehicle washdown facility	Constructed to direct wastewater to the series of Aerobic Treatment Units located outside of the prescribed premises area.  Designed so that any discharge from the area must pass through a petrol and	Dual vehicle wash facility

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		oil separator (eg. Humeceptor) prior to discharge or further treatment.	
6.	Fuel storage tanks and refuelling area	Bunded storage tanks capable of holding up to 55,000 L of diesel, 17,500 L of unleaded petrol and 12,000 L of Adblue. Tank construction and fuel storage to meet requirements of AS1940. Wastewater from the fuel storage tank and refuelling areas to be directed through an oil separator prior to discharge to a swale or similar structure.  Designed so that Any discharge from the area must pass through a petrol and oil separator (eg. Humeceptor) prior to discharge or further treatment.	Fuel pod & ADBLUE
7.	Drainage basin	Designed to collect stormwater from rainfall events 15mm up to 1% Annual Exceedance Probability.	Catchment (Figure 2, Schedule 1)
8.	Internal roads	Sealed.	As indicated in Figure 1, Schedule 1
9.	Oil Separators	Installation of 3 oil separators (Humeceptors or equivalent).	As indicated in Figure 4, Schedule 1

Note 1: Final height of acoustic fence to be determined based on Acoustic modelling and reported in accordance with condition.

2. The works approval holder must ensure:
  - (a) that any stockpile resulting from construction which is left within the premises for more than 7 days is stabilised with hydro-mulch or similar stabilisation technique; and
  - (b) that stockpiles within the premises resulting from construction are covered with a suitable material to minimise potential for soil to enter a waterway/drainage system or fringing vegetation
3. The works approval holder must ensure the following dust suppression controls are available during construction and are employed to minimise generation of visible dust as required:
  - (a) at least one watercart; and
  - (b) wind fencing.
4. The works approval holder must ensure sediment does not impact waterways or exiting the premises by implementing erosion and sediment controls.
5. The works approval holder must ensure upslope runoff is diverted around the works.

## Compliance reporting

6. The works approval holder must submit to the CEO a Construction and Environmental Management Plan on noise mitigation controls for the construction phase prior to commencement of construction.
7. The works approval holder must within 60 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
  - (a) undertake an audit of their compliance with the requirements of condition 1; and
  - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
8. The Environmental Compliance Report required by condition 7, must include as a minimum the following:
  - (a) certification by a qualified Civil or Structural Engineer that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
  - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1;
  - (c) confirmation of final height of the acoustic fence identified in table 1 along with an Acoustic Assessment from a suitably qualified acoustical consultant confirming the suitability of the final height of the acoustic fence in achieving compliance with the *Environmental Protection (Noise) Regulations 1997*; and
  - (d) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.
9. The works approval holder must submit to the CEO a Greenwaste Shredding Environmental Management Plan at least 30 days prior to commencing construction of any dedicated infrastructure for mitigation of emissions from Greenwaste Shredding.
10. The Greenwaste Shredding Environmental Management Plan required by condition 9, must include as a minimum, the following:
  - (a) specifications, dimensions and locations of noise bunds/walls/infrastructure required to achieve compliance with the *Environmental Protection (Noise) Regulations 1997*;
  - (b) timeframes for the installation of infrastructure identified in (a);
  - (c) an Acoustic Assessment from a suitably qualified acoustical consultant confirming that following installation of the infrastructure identified in (a), noise emissions from Greenwaste Shredding will achieve compliance with the *Environmental Protection (Noise) Regulations 1997*; and
  - (d) measures to be undertaken to prevent dust impacts to receptors from Greenwaste Shredding.

## Records and reporting

11. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
  - (a) the name and contact details of the complainant, (if provided);

- (b) the time and date of the complaint;
  - (c) the complete details of the complaint and any other concerns or other issues raised; and
  - (d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
- 12.** The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
- (a) the works conducted in accordance with condition 1;
  - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1; and
  - (c) complaints received under condition 11.
- 13.** The books specified under condition 12 must:
- (a) be legible;
  - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
  - (c) be retained by the works approval holder for the duration of the works approval; and
  - (d) be available to be produced to an inspector or the CEO as required.

## Definitions

In this works approval, the terms in Table 1 have the meanings defined.

**Table 1: Definitions**

Term	Definition
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
Greenwaste Shredding	Shredding, mulching, chipping or grinding of greenwaste
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
suitably qualified acoustical consultant	means a person qualified and experienced in the area of environmental noise assessment and who by their qualifications and experience is eligible to hold membership of the Australian Acoustical Society or the Australian Association of Acoustical Consultants
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

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**END OF CONDITIONS**



Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in green on the map below (Figure 1).

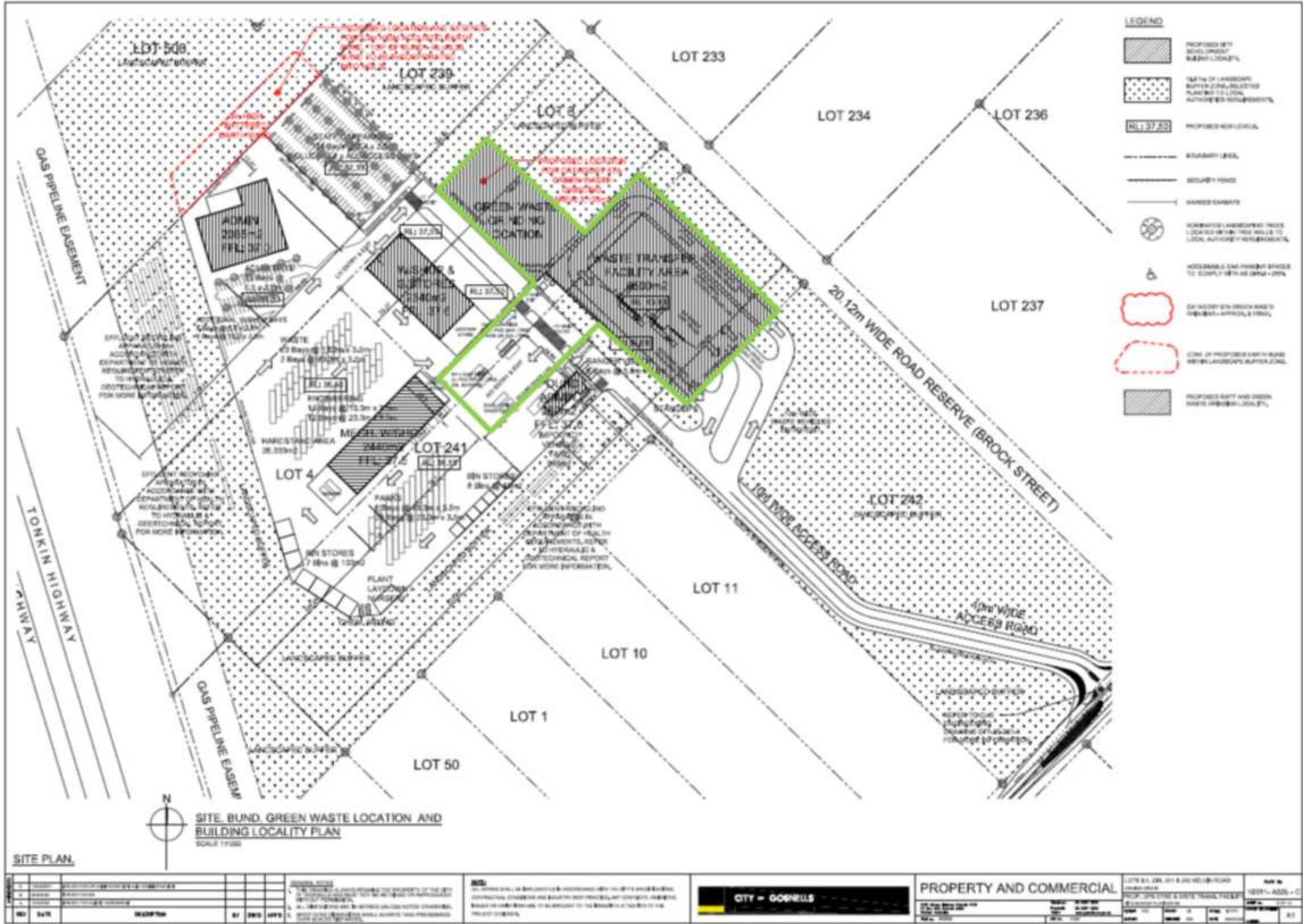


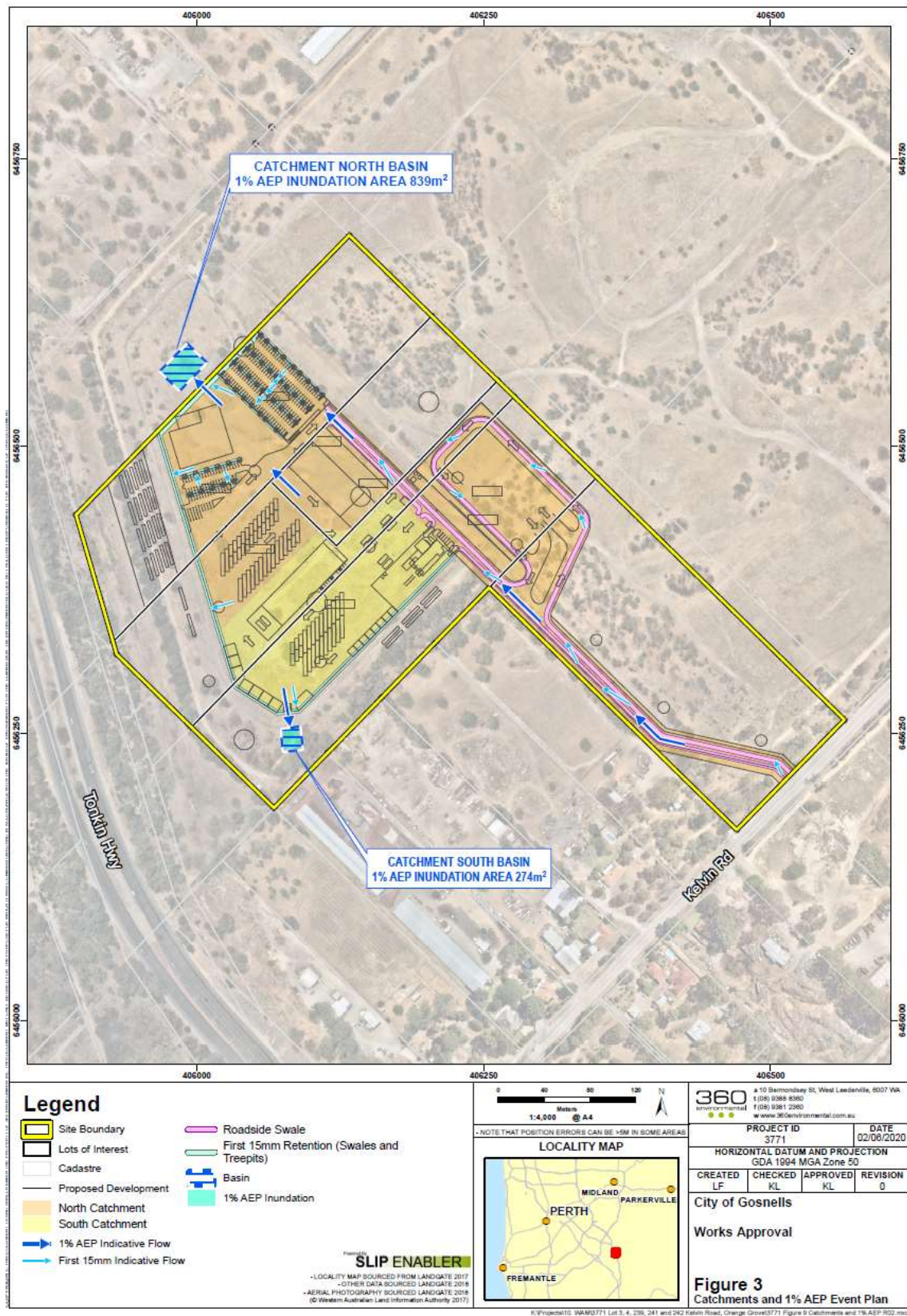
Figure 1: Map of the boundary of the prescribed premises







## Location of drainage basins



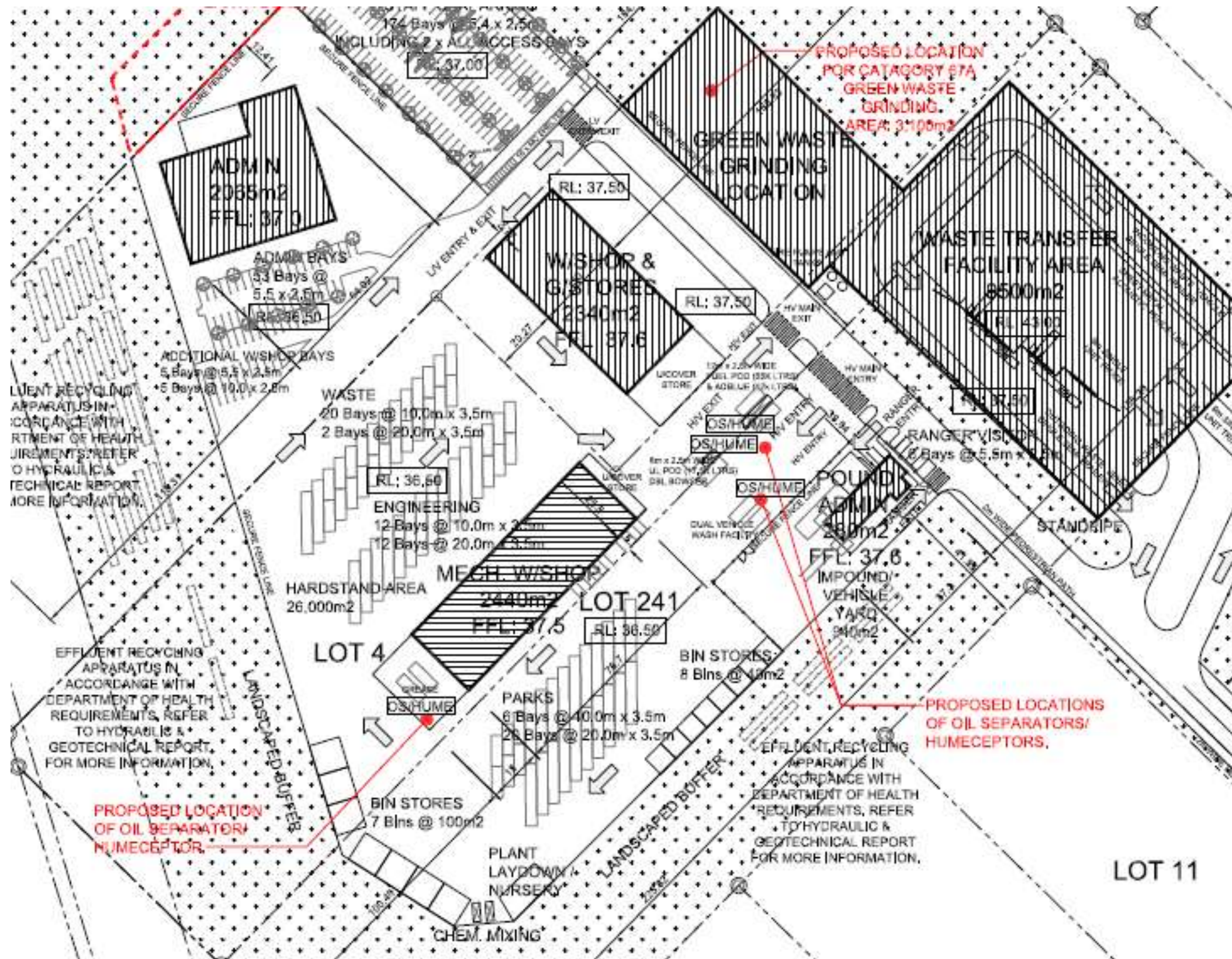
**Figure 3: Location of the drainage basins (catchments)**

W6164/2020/1 (15 September 2021)

IR-T05 Works approval template (v5.0) (February 2020)



## Location of oil separators



**Figure 4: Location of oil separators represented by OS/HUME)**