



Works approval number	W5709/2014/1
Works approval holder	B. & J. Catalano Pty Ltd
ACN	008 961 975
Registered business address	2 South Western Highway BRUNSWICK JUNCTION WA 6224
DWER file number	DER2014/001117
Duration	27/10/2020 to 11/11/2025
Date of amendment	20/10/2020
Premises details	Shenton Ridge Gravel Quarry Coalfields Road, ROELANDS WA 6226 Legal description - Part Lot 501 on Plan 26892 and Part Lot 21 on Plan 10674 As defined by the coordinates in Schedule 2.

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 12: Screening, etc. of material: Premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or otherwise separated.	156,000 tonnes per annual period

This amended works approval is granted to the works approval holder, subject to the attached conditions, on 20 October 2020, by:

Carmen Standing

A/Manager, Resource Industries

REGULATORY SERVICES

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

Works approval history

Date	Reference number	Summary of changes
31/03/2016	W5709/2014/1	Works approval granted.
23/12/2016	W5709/2014/1	Works approval amended following Ministers appeal determination.
20/10/2020	W5709/2014/1	DWER initiated amended to extend expiry date by 5 years to allow completion of the construction of stages 9, 10 and 11.

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 authorization 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 shall construct the works in accordance with the documentation detailed in Table 1:

Table 1: Construction Requirements ¹		
Document	Parts	Date of Document
Works Approval Application	All	15 May 2014
Document titled ' <i>Extractive Industries Application and Environmental Management Plan (EMP) Lots 501 and 21 Coalfields Road, Roelands, Shire of Harvey</i> ', prepared for B&J Catalano Pty Ltd by Lundstrom Environmental Consultants Pty Ltd	All, including diagrams, figures and appendices	September 2020

Note 1: Where the details and commitments of the documents listed in condition 1.2.1 are inconsistent with any other condition of this works approval, the conditions of this works approval shall prevail.

2. The Works Approval Holder shall ensure the infrastructure listed in Table 2 is constructed in accordance with the requirements listed in that table.

Table 2: Containment infrastructure	
Infrastructure	Infrastructure requirements
Detention basins (all)	To be excavated below the working area within each stage. Constructed with a minimum 2 metres separation to the maximum seasonal groundwater table.
Detention basins for Stages 9, 10 and 11	Detention basins 4a, 4b, 4c, 5a, 6a, 6b and 7a depicted in Schedule 1 Figure 2 must be constructed with the minimum storage capacity defined in Schedule 3.
Diversion drains	Diversion drains depicted in Schedule 1 Figure 2 are constructed fit for the purpose of directing stormwater that has overflowed from detention basins to the existing Detention Pond.
Contour bunds	To be constructed to divert any surface water into the detention basins. To be constructed as each extraction area is completed. Narrow-based contour bunds to be constructed to a grade of between 0.1 and 0.4%.
Cut-off bunds	To be constructed in Stages 9, 10 and 11 as depicted in Schedule 1 Figure 2. To be constructed to prevent runoff entering into mined areas. To be retained until vegetation cover is sufficient to stabilize the ground surface and prevent erosion.

Compliance reporting

3. The works approval holder shall submit a compliance document to the CEO, following the construction of each detention basins in stages numbered 9, 10 and 11 depicted in the map of stages of gravel extraction in Schedule 1 Figure 2 maps and prior to commissioning of the same.
4. The compliance document shall:
 - (a) certify that the works were constructed in accordance with the conditions of the works approval.
 - (b) be signed by a person authorised to represent the Works Approval Holder and contain the printed name and position of that person within the company.

Definitions

In this works approval, the terms in Table 3 have the meanings defined.

Table 3: Definitions

Term	Definition
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 info@dwer.wa.gov.au
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.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA)</i> .
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i> .
mg/L	means milligrams per litre
premises	the premises to which this works approval applies, as specified at the front of this works approval and as shown on the premises map (Figure 1) in Schedule 1.
Schedule 1	means Schedule 1 of this Works Approval unless otherwise stated
stages	means the gravel extraction areas titled stage 9 to stage 11 as depicted in schedule 1 maps of this Works Approval
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 legal entity to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is indicated by the purple boundary shown in the Figure 1 map below.

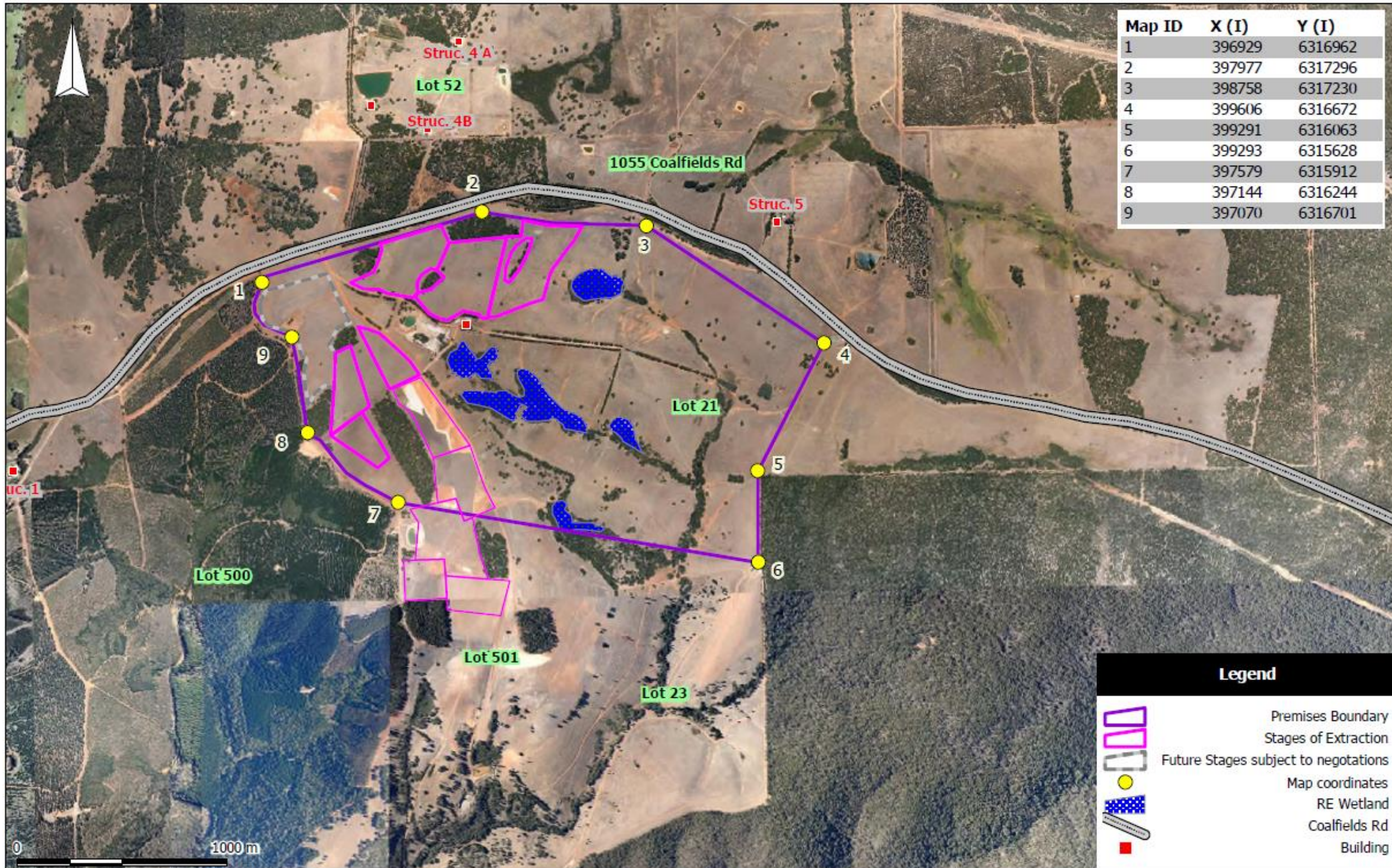


Figure 1: Map of the boundary of the prescribed premises

Detention Pond location and stormwater infrastructure map

The detention pond locations are identified in the areas highlighted blue within stage 9 (8.3Ha), stage 10 (10Ha) and stage 11 (9.3Ha) in the Figure 2 map below.

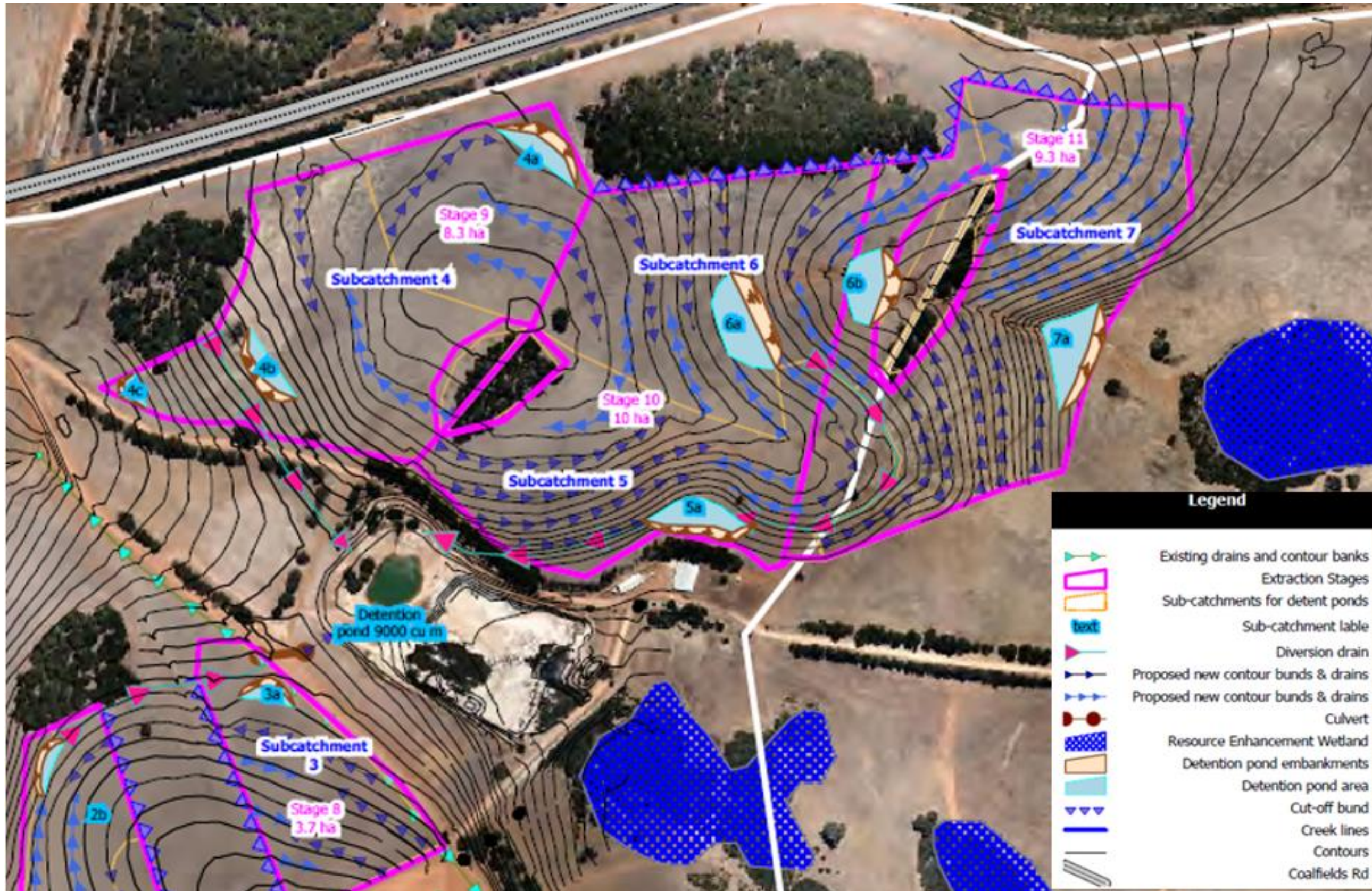


Figure 2: Detention Basin location and stormwater infrastructure map

Schedule 2: Premises boundary coordinates

The premises boundary is defined by the coordinates in Table 4 and depicted in the Schedule 1 Figure 1.

Table 4: Premises boundary coordinates

Reference Pt	Easting	Northing	Zone
1	396929	6316962	50
2	397977	6317296	50
3	398758	6317230	50
4	399606	6316672	50
5	399293	6316063	50
6	399293	6315628	50
7	397579	6315912	50
8	397144	6316244	50
9	397070	6316701	50

Schedule 3: Detention Basin Minimum Storage Capacities

The detention basin minimum storage capacities are shown in Table 5 and basin locations as identified in Schedule 1 Figure 2.

Table 5: Detention Pond minimum storage capacities in cubic metres

Gravel extraction stage identity	Detention Pond Number (depicted in Schedule 1)	Detention Pond Minimum Storage Capacity (m³)
<i>Stage 9</i>	<i>4a</i>	<i>1,041</i>
<i>Stage 9</i>	<i>4b</i>	<i>1,714</i>
<i>Stage 9</i>	<i>4c</i>	<i>244</i>
<i>Stage 10</i>	<i>5a</i>	<i>2,238</i>
<i>Stage 10</i>	<i>6a</i>	<i>1,265</i>
<i>Stage 11</i>	<i>6b</i>	<i>1,219</i>
<i>Stage 11</i>	<i>7a</i>	<i>2,615</i>