



Works Approval

Works approval number	W5914/2015/1
Works approval holder	City of Rockingham
Registered business address	Civic Boulevard ROCKINGHAM WA 6168
DWER file number	DER2015/002300-1
Duration	22/02/2016 to 21/02/2029
Date of issue	19/02/2016
Date of amendment	20/02/2024
Premises details	Millar Road Landfill Facility 204 Millar Road West BALDIVIS WA 6171 Legal description - Lot 2170 on Plan 211650 Certificate of Title Volume 1464 Folio 465 As defined by the premises map in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 64: Class II or III putrescible landfill site: premises (other than clean fill premises) on which waste of a type permitted for disposal for this category of prescribed premises, in accordance with the <i>Landfill Waste Classification and Waste Definitions 1996</i> is accepted for burial.	450,000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 20 February 2024, by:

Steve Checker
Manager, Waste 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
19/2/2016	W5914/2015/1	Works approval granted.
26/5/2016	W5914/2015/1	Works approval amendment to vary cell liner material quality assurance testing requirements.
20/02/2024	W5914/2015/1	Works approval amended to extend expiry date to 21/2/2029.

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

Infrastructure and equipment

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

1. The works approval holder must:
 - (a) construct and / or install the works;
 - (b) in accordance with the documentation;
 as detailed in Table 1.

Table 1: Design and construction / installation requirements¹

	Infrastructure	Document	Parts of document	Date of document
1.	Landfill cells 16 to 19 Earthworks and liner	<i>Millar Road Landfill, Cell 16 to 19 and Leachate Pond Construction Works Approval Application Supporting Documentation</i> , prepared for the City of Rockingham by IW Projects	9.4.3 & 9.4.4; Appendices 24 & 32; Specification Parts 2.2, 2.5, 2.7, 2.8, 2.9, 2.12, 2.13, 2.17 & 2.20; and CQA plan.	2 September 2015
2.	Landfill Cells 16 to 19 Leachate Drainage System		Appendices 5, 8, 32 & 10 to 13; and Specification Parts 2.10, 2.11, 2.15 & 2.16.	
3.	Landfill Cells 16 to 19 Landfill Gas Collection System		Appendices 11, 20 & 21; and Specification Part 2.10.	
4.	Leachate Ponds A and B		9.7; Appendices 14, 15, 16, 24 & 32; and Specification Parts 2.5, 2.7, 2.8 & 2.9.	
5.	Landfill Gas Monitoring Bores		9.8; Appendix 23; and Specification Part 2.18.	
6.	Landfill Liner	<i>City of Rockingham Millar Road Landfill – Request for Amended Construction Quality Control Testing</i> prepared for the City of Rockingham by IW Projects	All	8 December 2015

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

2. The works approval holder must construct each landfill cell to ensure that a separation distance of 2.6 m is achieved between the lowest elevation of the landfill cell and the highest natural elevation of groundwater that has been recorded in Appendix 25 of the *Works Approval Supporting Documentation*.

Compliance reporting

3. The works approval holder must submit a compliance document to the CEO, following the construction of each of Cells 16 to 19 and Leachate Ponds A and B and prior to their respective commissioning.
4. The compliance document must:
 - (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.
5. The works approval holder must submit a CQA report to the CEO following the construction of each of Cells 16 to 19 and Leachate Dams A and B of the works and prior to their respective commissioning.
6. The report required by condition 5 must:
 - (a) document the quality of the constructed landfill cells and leachate collection system;
 - (b) demonstrate that all requirements of the cell and pond specifications and CQA plan have been complied with; and
 - (c) be certified by a suitably qualified engineer.

Records and reporting (general)

7. 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.
8. 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 conditions 1 and 2;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1 and 2;
 - (c) complaints received under condition 7.

- 9.** The books specified under condition 8 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 2 have the meanings defined.

Table 2: 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 info@dwer.wa.gov.au
condition	a condition to which this works approval is subject under section 62 of the EP Act.
CQA	means Construction Quality Assurance.
CQA plan	means the CQA plan referred to in condition 1 including the addendum: <i>City of Rockingham Millar Road Landfill – Request for Amended Construction Quality Control Testing</i> prepared by IW Projects and dated 8 December 2015.
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	means the <i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
premises	means the area defined in 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.
Schedule 1	means Schedule 1 of this works approval unless otherwise stated.
waste	has the same meaning given to that term under the EP Act.
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.

Term	Definition
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.
works approval supporting documentation	refers to the document <i>Millar Road Landfill, Cell 16 to 19 and Leachate Pond Construction Works Approval Application Supporting Documentation</i> , prepared for the City of Rockingham by IW Projects, September 2015.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

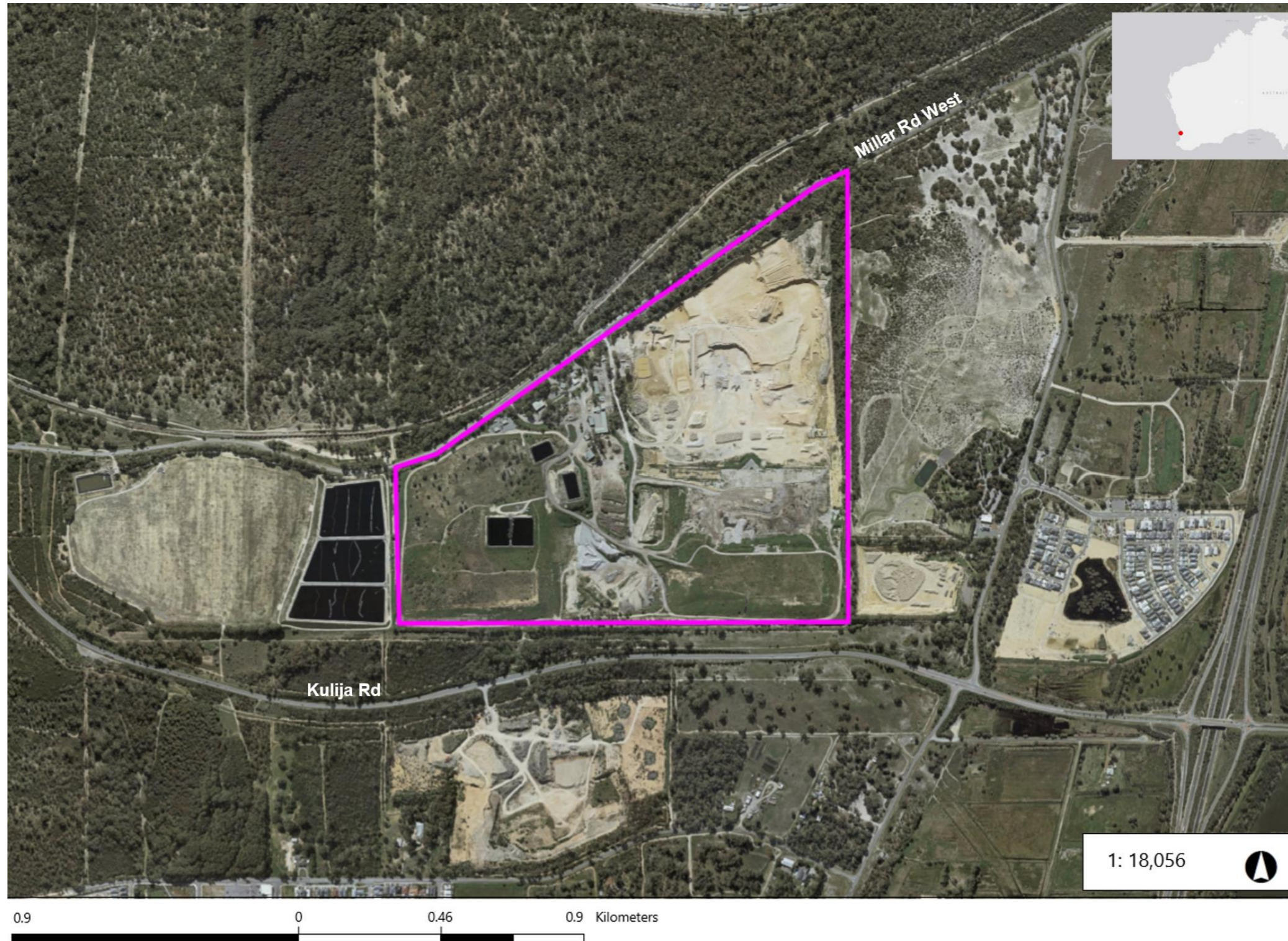


Figure 1: Map of the boundary of the prescribed premises

Infrastructure map

The premises infrastructure layout is shown in the map below (Figure 2). The blue line depicts new landfill cells and the red line depicts new leachate ponds A and B.

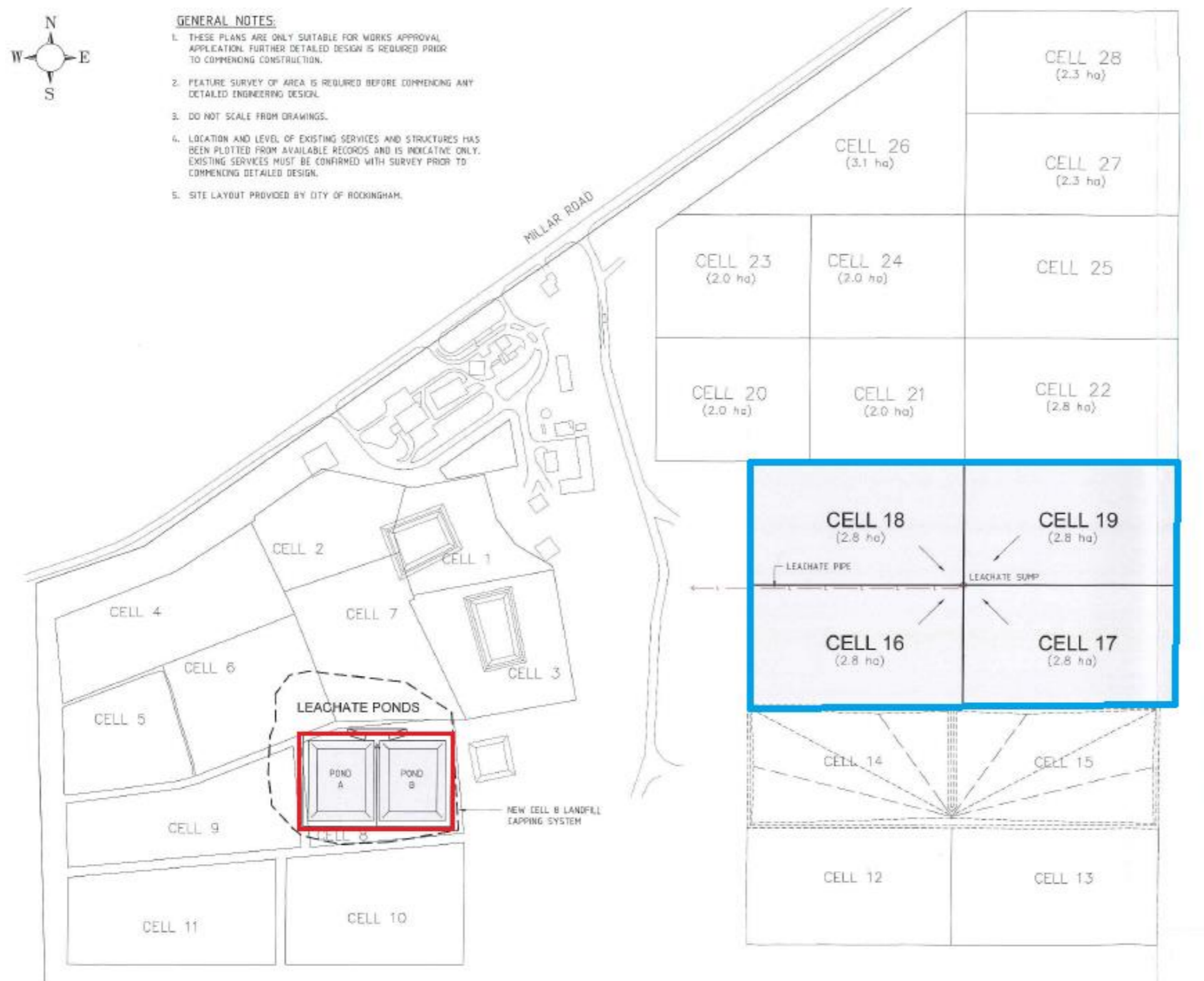


Figure 2: Map of premises infrastructure (cells and leachate ponds).